

Quantitation Report (Qedit)

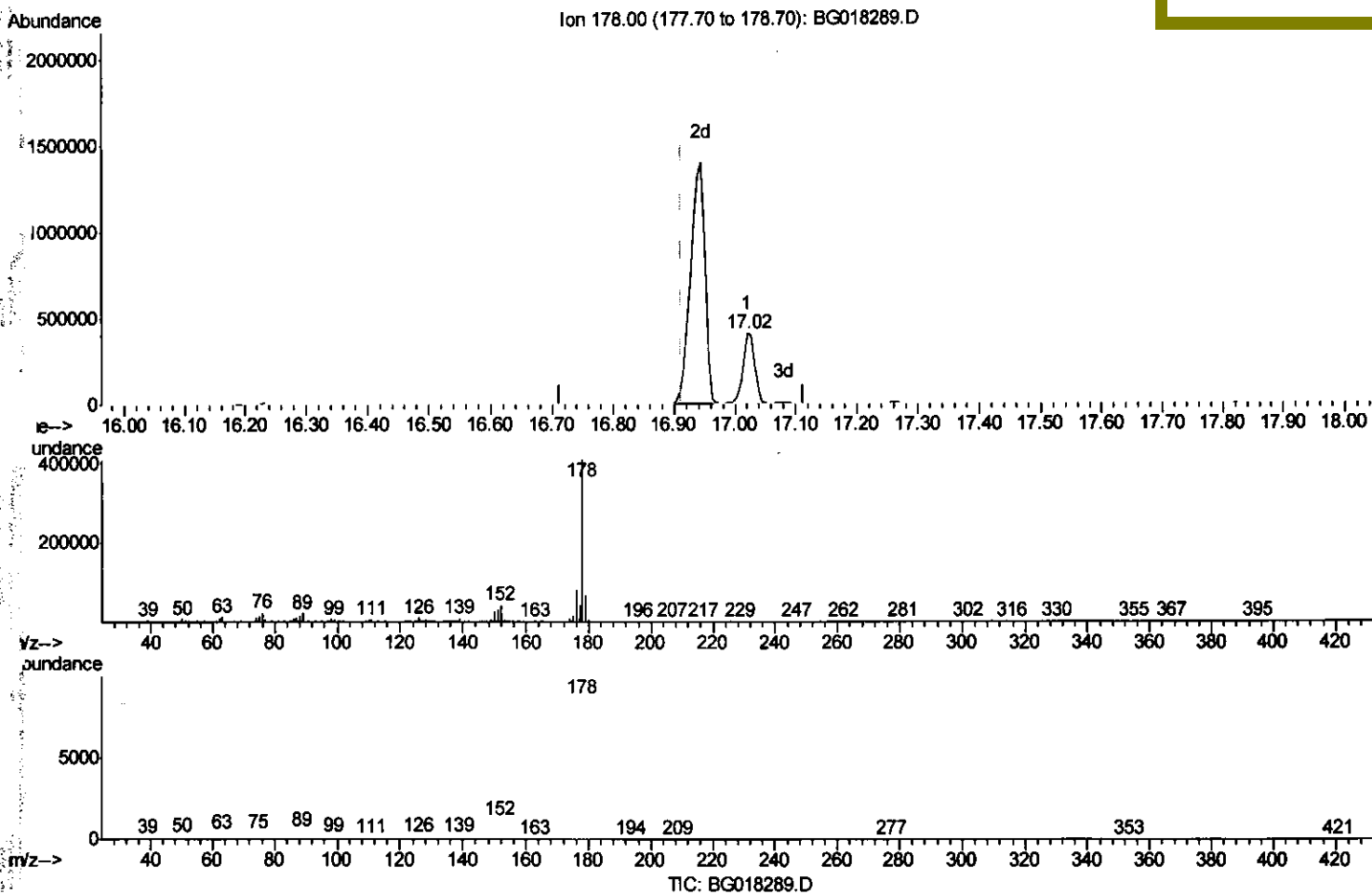
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
 Data File : BG018289.D
 Acq On : 6 Aug 2015 2:06
 Operator : UM/TP
 Sample : G3109-15RE
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01W3RE

Quant Time: Aug 06 05:05:10 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 06 03:42:27 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

apatel
 8/10/2015 9:24:48 AM



(70) Phenanthrene

17.021min (+0.108) 73.58ng/ul

response 548568

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	16.46
176.00	18.10	20.11
0.00	0.00	0.00

Quantitation Report (Qedit)

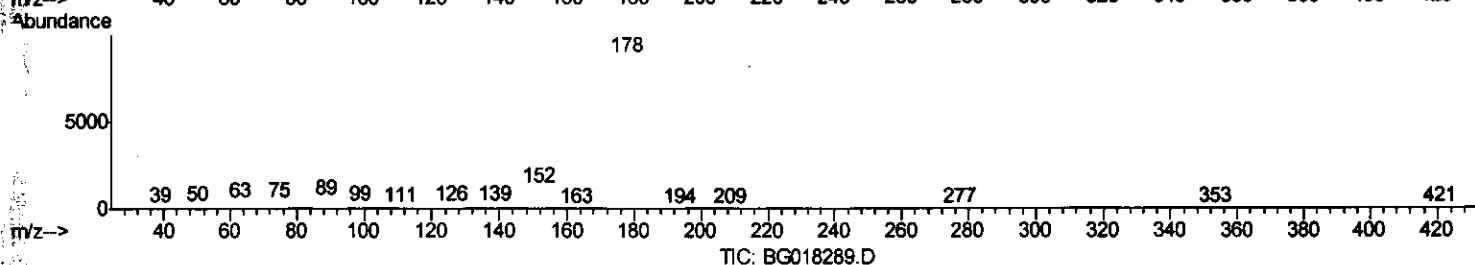
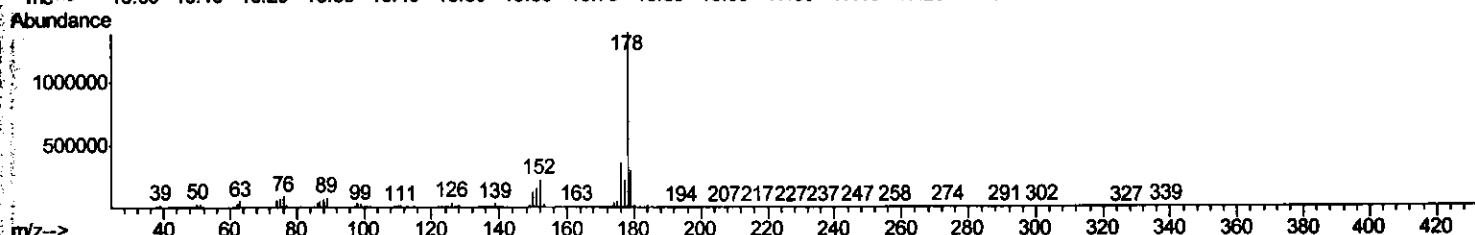
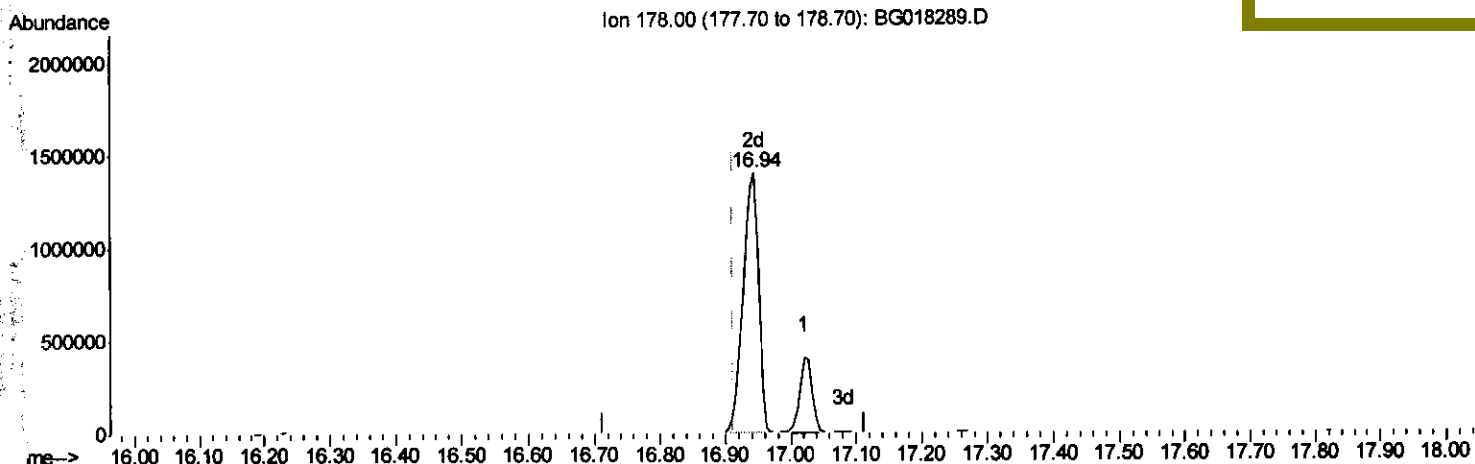
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
 Data File : BG018289.D
 Acq On : 6 Aug 2015 2:06
 Operator : UM/TP
 Sample : G3109-15RE
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01W3RE

Quant Time: Aug 06 05:05:10 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 06 03:42:27 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

apatel
 8/10/2015 9:24:48 AM



(70) Phenanthrene

16.944min (+0.032) 308.45ng/ul m

response 2299644

T.P
 8/8/15

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	21.19#
176.00	18.10	25.05#
0.00	0.00	0.00

Quantitation Report (Qedit)

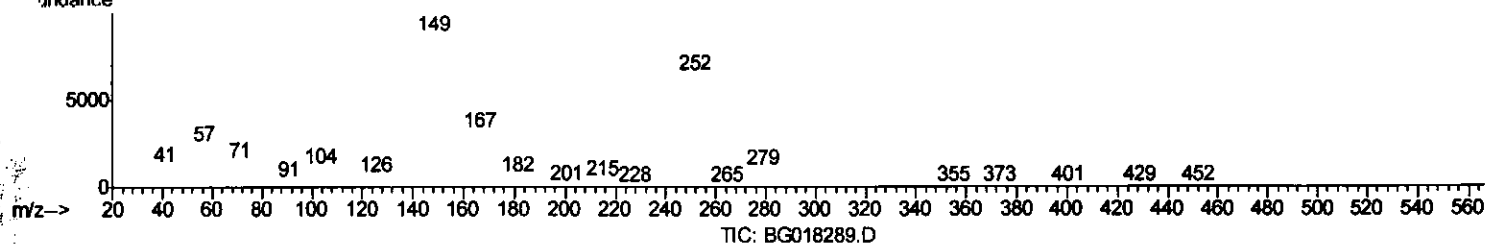
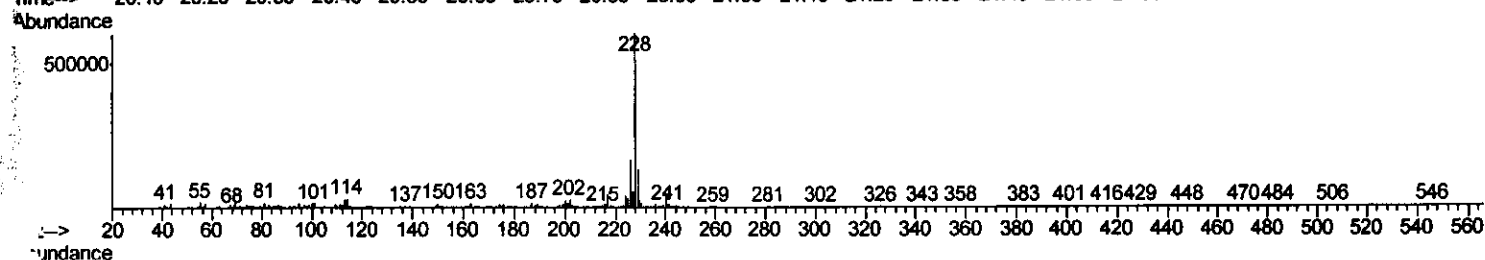
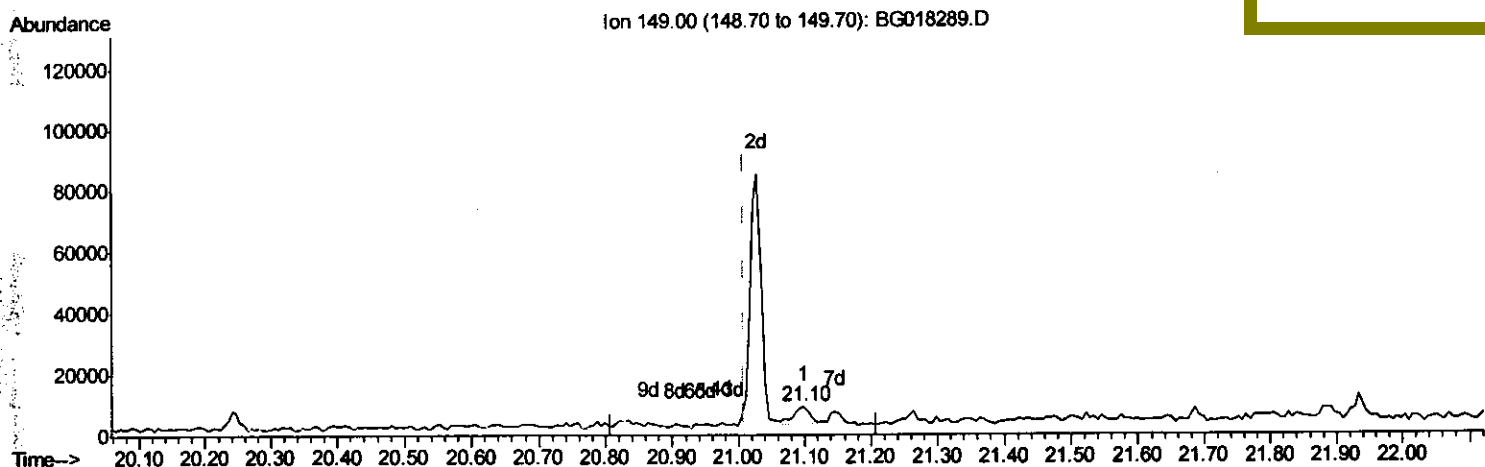
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
 Data File : BG018289.D
 Acq On : 6 Aug 2015 2:06
 Operator : UM/TP
 Sample : G3109-15RE
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01W3RE

Quant Time: Aug 06 05:05:10 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 06 03:42:27 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

apatel
 8/10/2015 9:24:48 AM



(84) Bis(2-ethylhexyl)phthalate

21.098min (+0.091) 2.18ng/ul

response 9817

Ion	Exp%	Act%
149.00	100	100
167.00	33.00	37.07
279.00	10.70	10.93
0.00	0.00	0.00

Quantitation Report (Qedit)

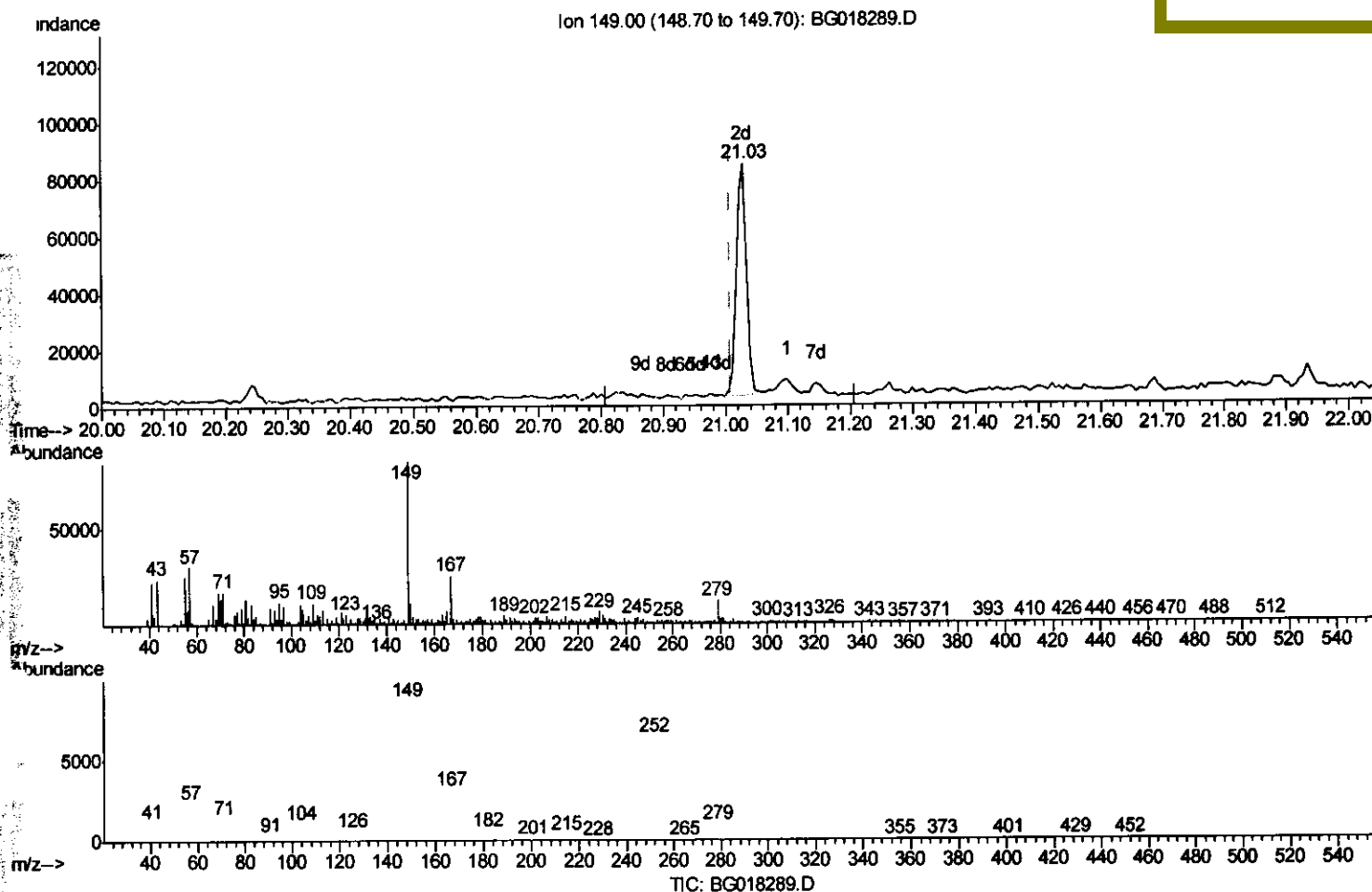
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
 Data File : BG018289.D
 Acq On : 6 Aug 2015 2:06
 Operator : UM/TP
 Sample : G3109-15RE
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01W3RE

Quant Time: Aug 06 05:05:10 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 06 03:42:27 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

apatel
 8/10/2015 9:24:48 AM



(84) Bis(2-ethylhexyl)phthalate

21.028min (+0.020) 20.55ng/ul m

response 92495

Ion	Exp%	Act%
149.00	100	100
167.00	33.00	29.91
279.00	10.70	14.43#
0.00	0.00	0.00

T.P
 8/8/15

Quantitation Report (Qedit)

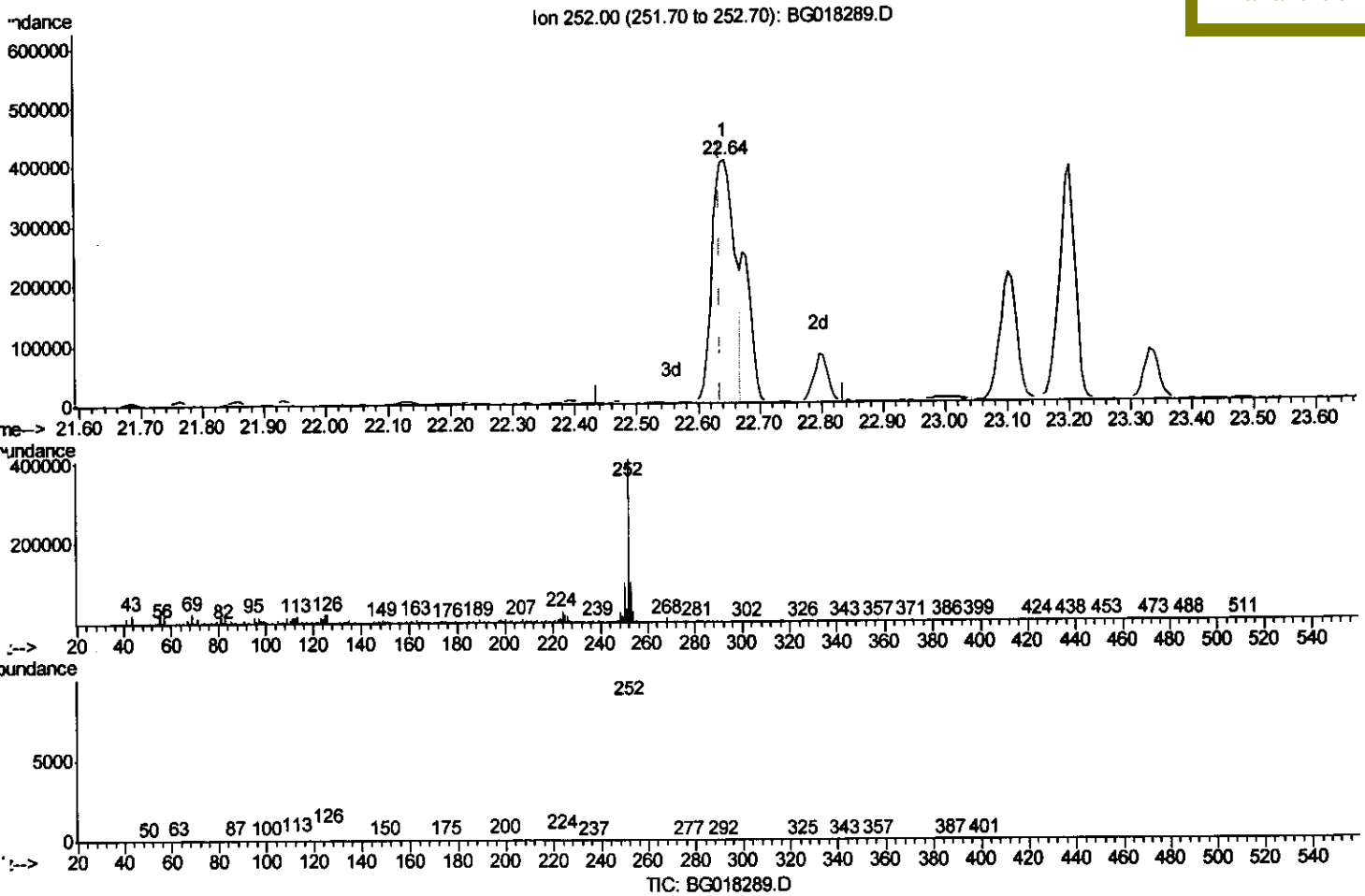
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
 Data File : BG018289.D
 Acq On : 6 Aug 2015 2:06
 Operator : UM/TP
 Sample : G3109-15RE
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01W3RE

Quant Time: Aug 06 05:05:10 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 06 03:42:27 2015
 Response via : Initial Calibration

Manual Integrat
 APPROVED

apatel
 8/10/2015 9:24:48 A



(89) Benzo(k)fluoranthene

22.644min (+0.008) 132.03ng/ul

response 1015627

Ion	Exp%	Act%
252.00	100	100
253.00	20.50	24.87#
125.00	4.30	5.32#
0.00	0.00	0.00

Quantitation Report (Qedit)

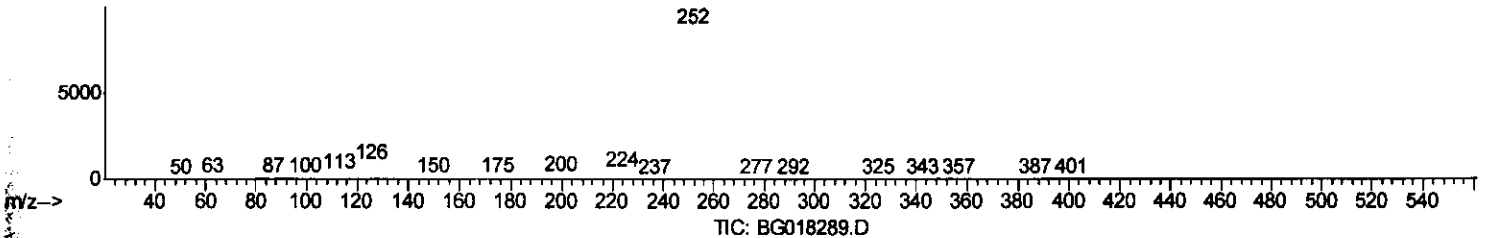
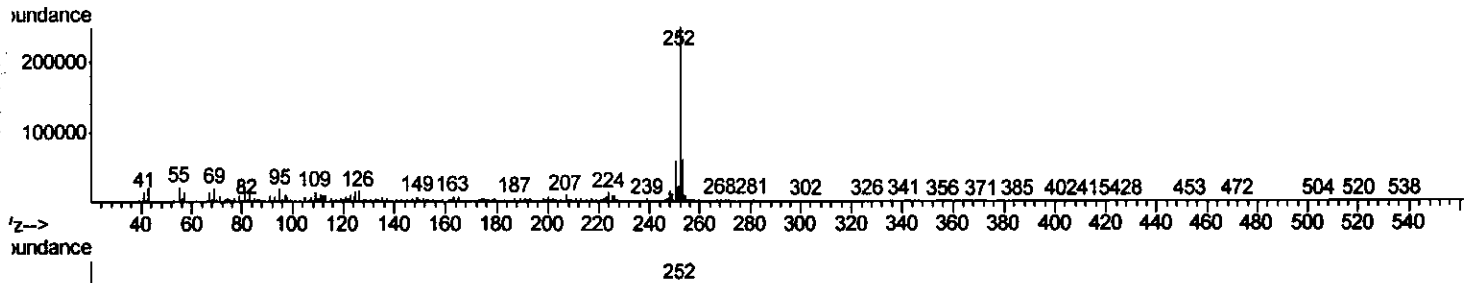
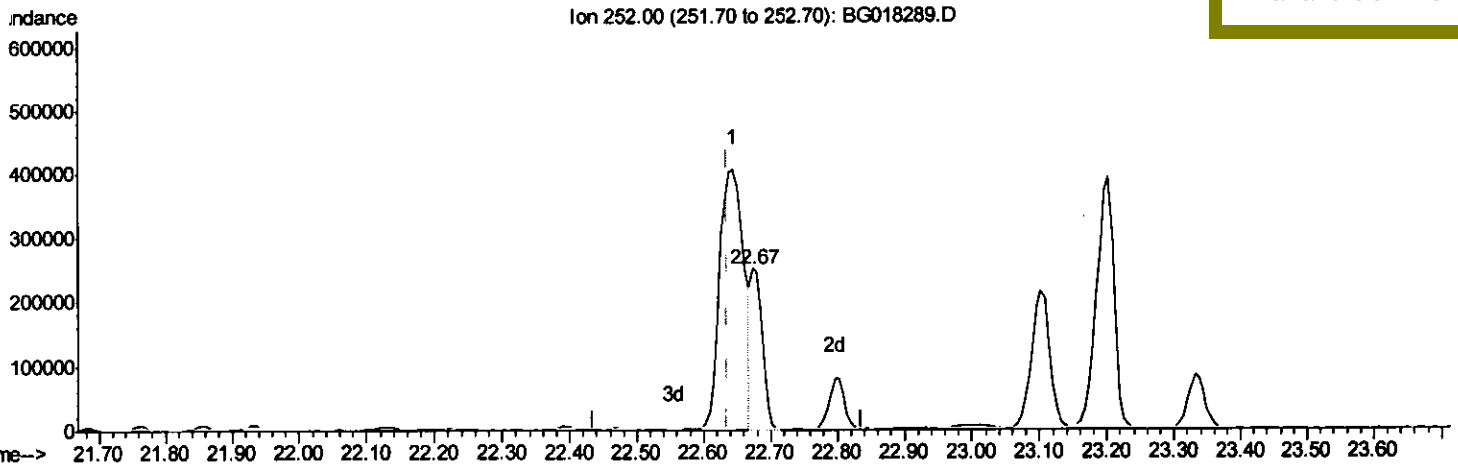
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
 Data File : BG018289.D
 Acq On : 6 Aug 2015 2:06
 Operator : UM/TP
 Sample : G3109-15RE
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01W3RE

Quant Time: Aug 06 05:05:10 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 06 03:42:27 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

apatel
 8/10/2015 9:24:48 AM



(89) Benzo(k)fluoranthene

22.673min (+0.038) 37.54ng/ul m

response 288812

T.P
 8/8/15

Ion	Exp%	Act%
252.00	100	100
253.00	20.50	23.80
125.00	4.30	5.81#
0.00	0.00	0.00

Quantitation Report (Qedit)

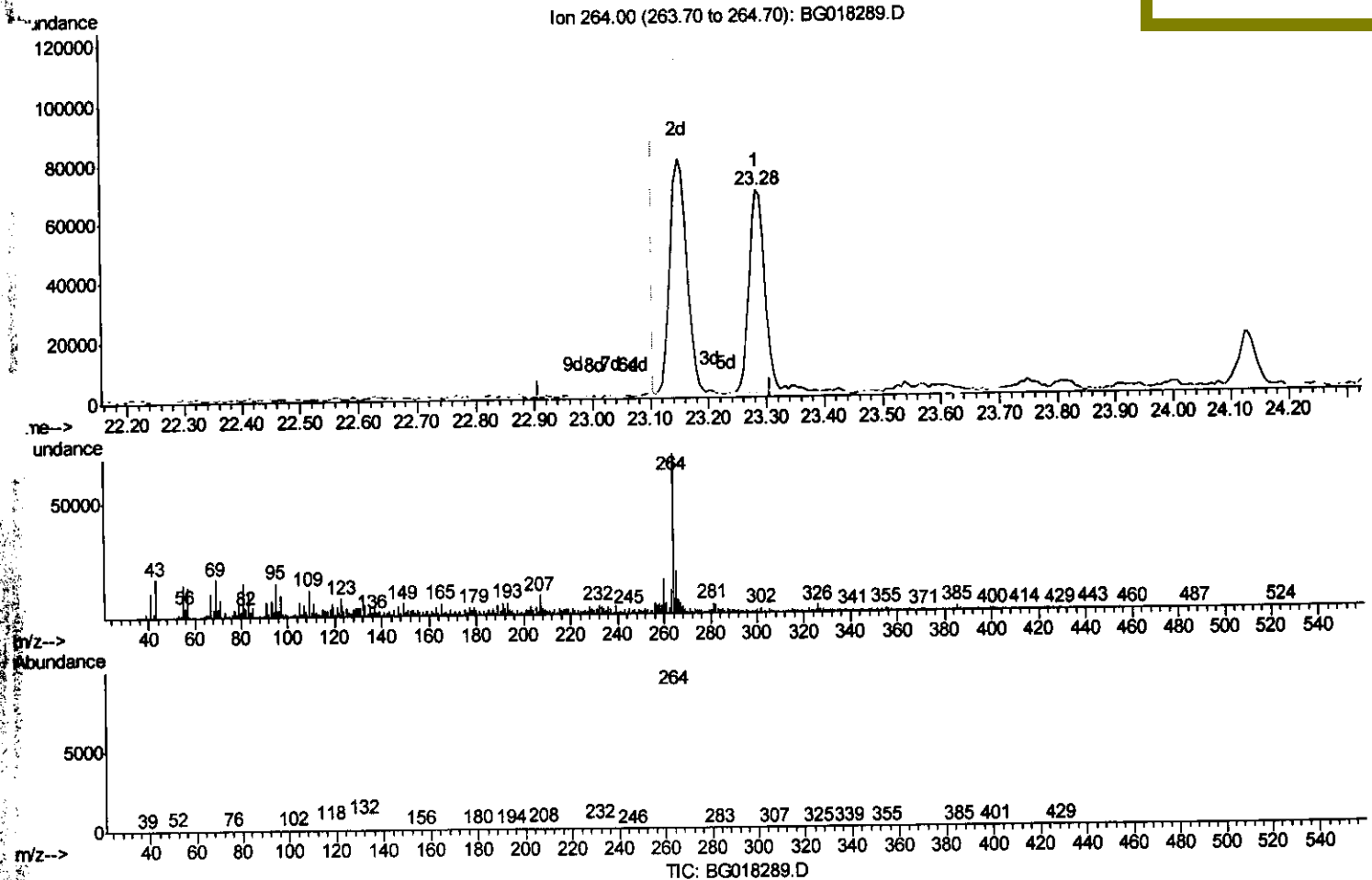
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
 Data File : BG018289.D
 Acq On : 6 Aug 2015 2:06
 Operator : UM/TP
 Sample : G3109-15RE
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 C01W3RE

Quant Time: Aug 06 05:05:10 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 06 03:42:27 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

apatel
 8/10/2015 9:24:48 AM



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

23.284min (+0.179) 18.79ng/ul

response 127885

Ion	Exp%	Act%
264.00	100	100
132.00	6.80	7.73
118.00	4.30	4.70
0.00	0.00	0.00

Quantitation Report (Qedit)

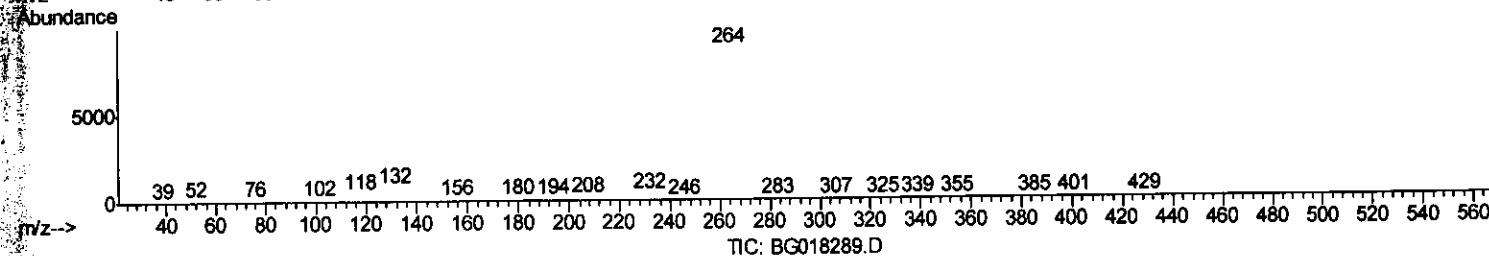
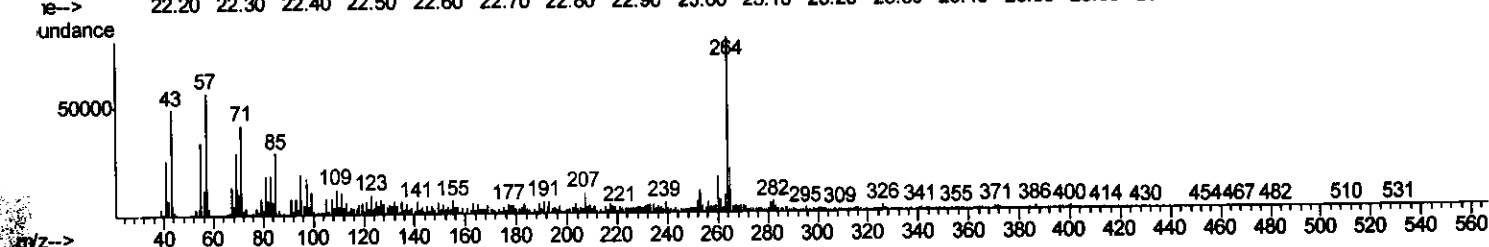
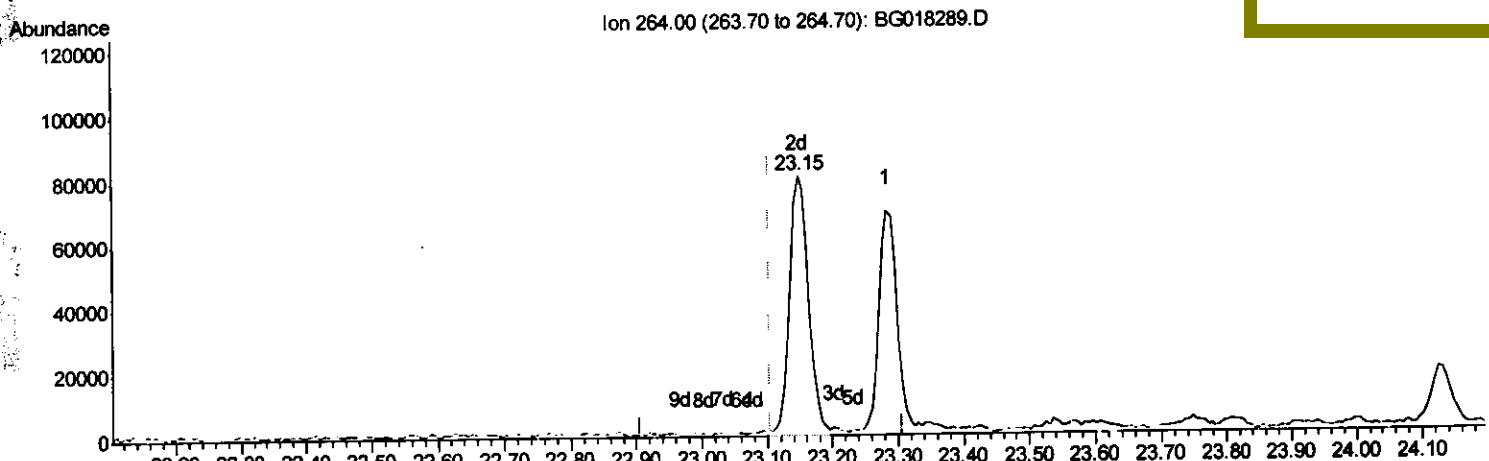
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
 Data File : BG018289.D
 Acq On : 6 Aug 2015 2:06
 Operator : UM/TP
 Sample : G3109-15RE
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01W3RE

Quant Time: Aug 06 05:05:10 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 06 03:42:27 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

apatel
 8/10/2015 9:24:48 AM



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

23.149min (+0.043) 24.07ng/ul m

response 163786

T.P
 8/8/15

Ion	Exp%	Act%
264.00	100	100
132.00	6.80	7.61
118.00	4.30	5.46*
0.00	0.00	0.00

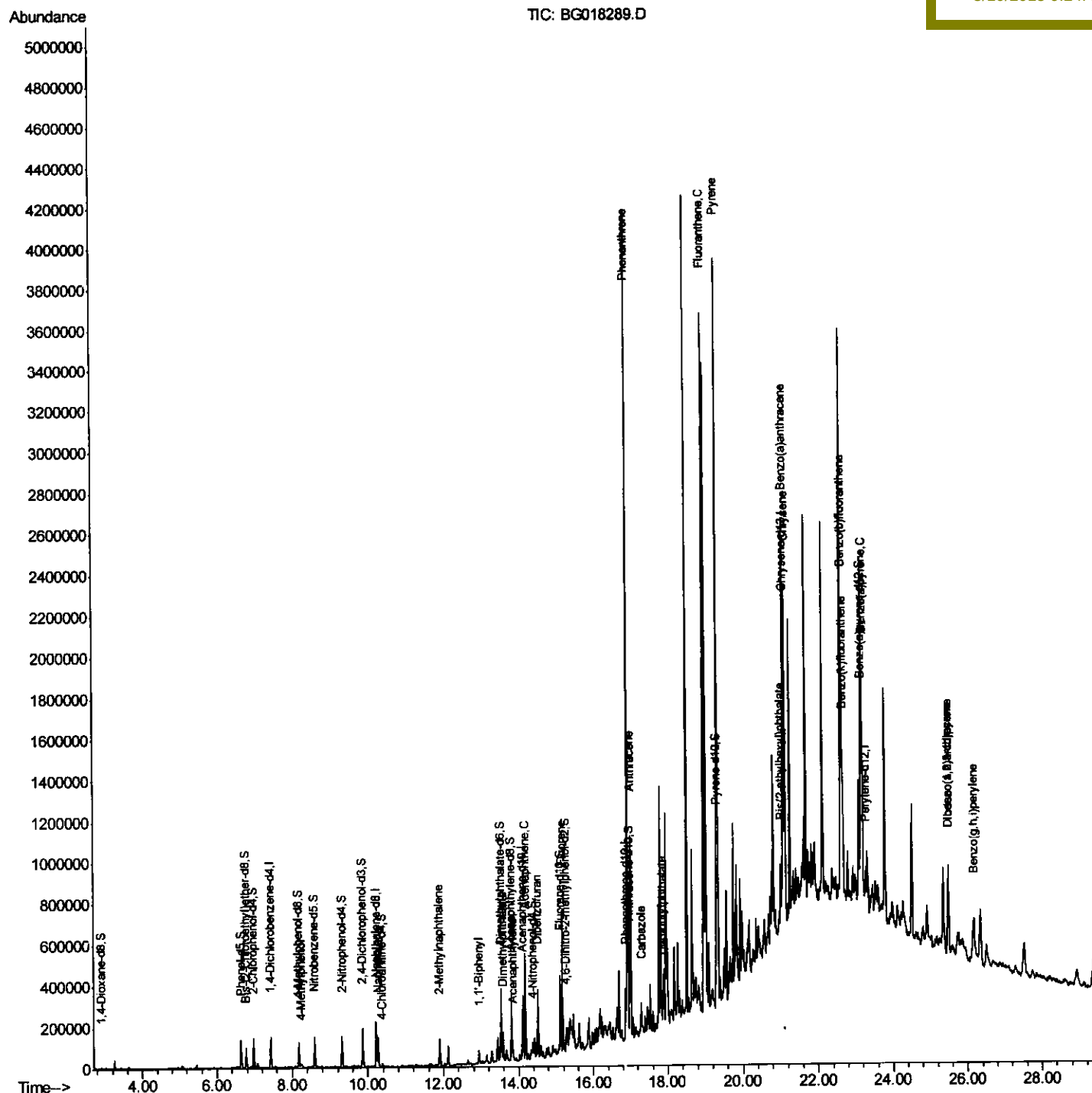
Data Path : Z:\HPCHEM1\BNA_G\Data\BG080515\
Data File : BG018289.D
Acq On : 6 Aug 2015 2:06
Operator : UM/TP
Sample : G3109-15RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
Client Sampled :
C01W3RE

Quant Time: Aug 14 03:14:45 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 03:42:27 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

apatel
8/10/2015 9:24:48 AM



Data Path : Z:\HPCHEM1\BNA_G\Data\BG080515\
 Data File : BG018289.D
 Acq On : 6 Aug 2015 2:06
 Operator : UM/TP
 Sample : G3109-15RE
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01W3RE

Quant Time: Aug 14 03:14:45 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 06 03:42:27 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

apatel
 8/10/2015 9:24:48 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	34303	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	165483	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	100026	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	147732	20.00	ng/ul	0.01
78) Chrysene-d12	21.11	240	138669	20.00	ng/ul	0.03
86) Perylene-d12	23.28	264	130799	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.90	96	1516	3.81	ng/uL	0.00
5) Phenol-d5	6.65	99	68223	25.29	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.78	67	38032	29.17	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	61528	27.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.18	113	37668	16.54	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	32639	25.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	39784	26.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	59851	21.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.38	131	6124	1.88	ng/ul	0.01
44) Dimethylphthalate-d6	13.54	166	197813	25.57	ng/ul	0.00
47) Acenaphthylene-d8	13.81	160	209997	23.94	ng/ul	0.00
52) 4-Nitrophenol-d4	14.39	143	17506	13.72	ng/ul	0.02
58) Fluorene-d10	15.12	176	146928	21.14	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.28	200	11070	10.82	ng/ul	0.02
71) Anthracene-d10	16.99	188	155414	23.92	ng/ul	0.01
79) Pyrene-d10	19.31	212	112318	14.47	ng/ul	0.03
90) Benzo(a)pyrene-d12	23.15	264	163786m	24.07	ng/ul	0.04

Target Compounds

					Qvalue
16) 4-Methylphenol	8.24	108	4097	1.67 ng/ul	92
28) Naphthalene	10.27	128	103190	13.27 ng/ul	96
34) 2-Methylnaphthalene	11.90	142	53068	8.50 ng/ul	86
41) 1,1'-Biphenyl	12.94	154	26067	3.78 ng/ul#	93
45) Dimethylphthalate	13.58	163	78258	10.14 ng/ul	99
48) Acenaphthylene	13.85	152	28192	3.12 ng/ul#	94
50) Acenaphthene	14.19	153	192165	32.87 ng/ul	99
54) Dibenzofuran	14.52	168	155772	18.10 ng/ul	94
59) Fluorene	15.18	166	275257	36.43 ng/ul	98
70) Phenanthrene	16.94	178	2299644m	308.45 ng/ul	
72) Anthracene	17.02	178	549415	73.84 ng/ul	98
75) Carbazole	17.30	167	78084	12.44 ng/ul	95
76) Di-n-butylphthalate	17.87	149	69180	7.86 ng/ul#	93
77) Fluoranthene	18.98	202	1792654	216.78 ng/ul	99
80) Pyrene	19.35	202	1685832	174.84 ng/ul	99
83) Benzo(a)anthracene	21.09	228	865209	118.21 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.03	149	92495m	20.55 ng/ul	
85) Chrysene	21.15	228	747262	113.63 ng/ul	95
88) Benzo(b)fluoranthene	22.64	252	1015627	126.61 ng/ul#	95
89) Benzo(k)fluoranthene	22.67	252	288812m	37.54 ng/ul	
91) Benzo(a)pyrene	23.20	252	700252	99.98 ng/ul#	99
92) Indeno(1,2,3-cd)pyrene	25.49	276	343098	39.60 ng/ul	99
93) Dibenzo(a,h)anthracene	25.48	278	106384	13.99 ng/ul#	85

T.P
 8/8/15

T.P
 8/8/15

Data Path : Z:\HPCHEM1\BNA_G\Data\BG080515\
Data File : BG018289.D
Acq On : 6 Aug 2015 2:06
Operator : UM/TP
Sample : G3109-15RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 14 03:14:45 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 03:42:27 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C01W3RE

Manual Integrations
APPROVED

apatel
8/10/2015 9:24:48 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Benzo(g,h,i)perylene	26.16	276	279368	39.73	ng/ul	97

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