

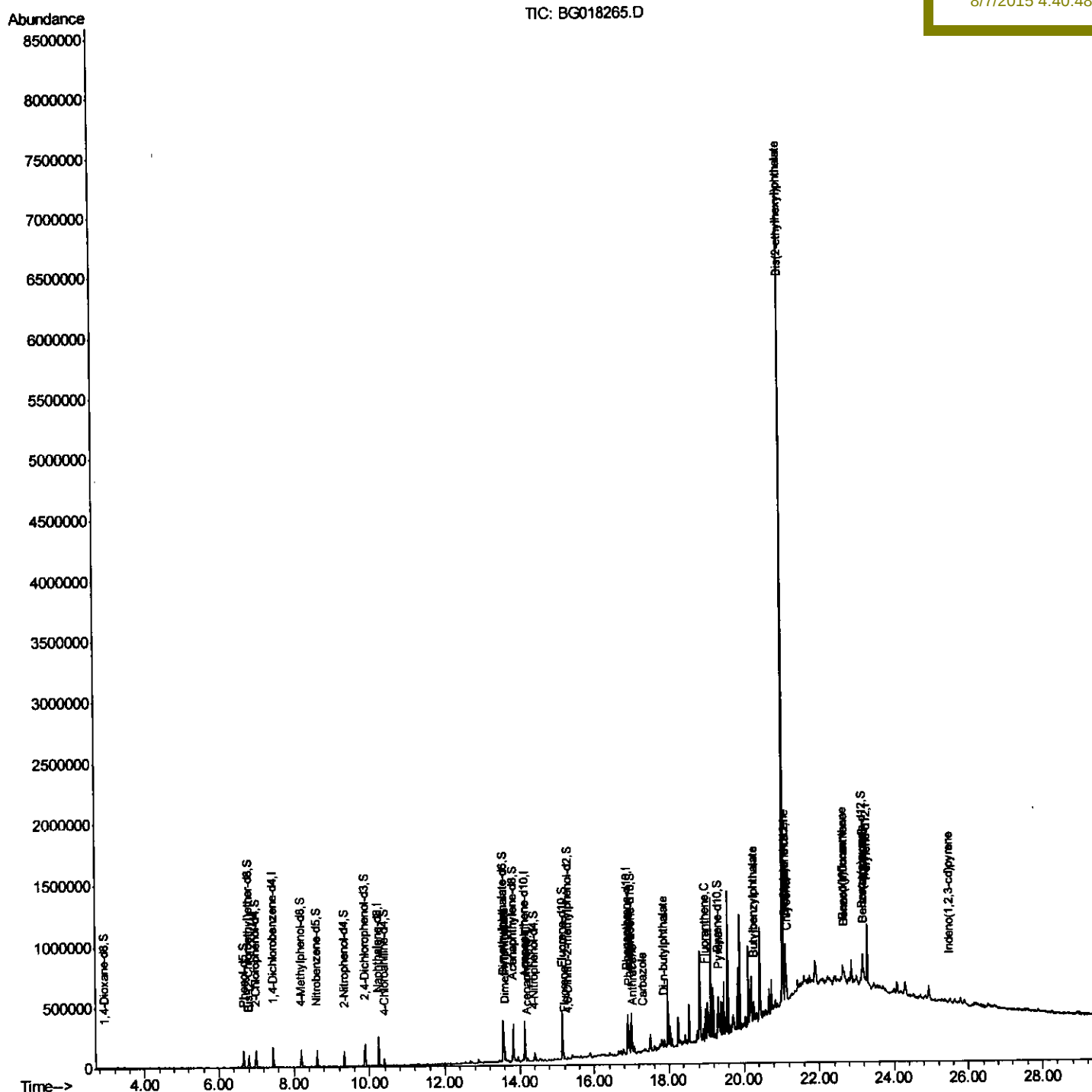
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018265.D
Acq On : 4 Aug 2015 22:25
Operator : UM/TP
Sample : G3109-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 05 04:59:55 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 05 02:27:11 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C01W7

Manual Integrations
APPROVED

MMDadoda
8/7/2015 4:40:48 PM



Quantitation Report (Qedit)

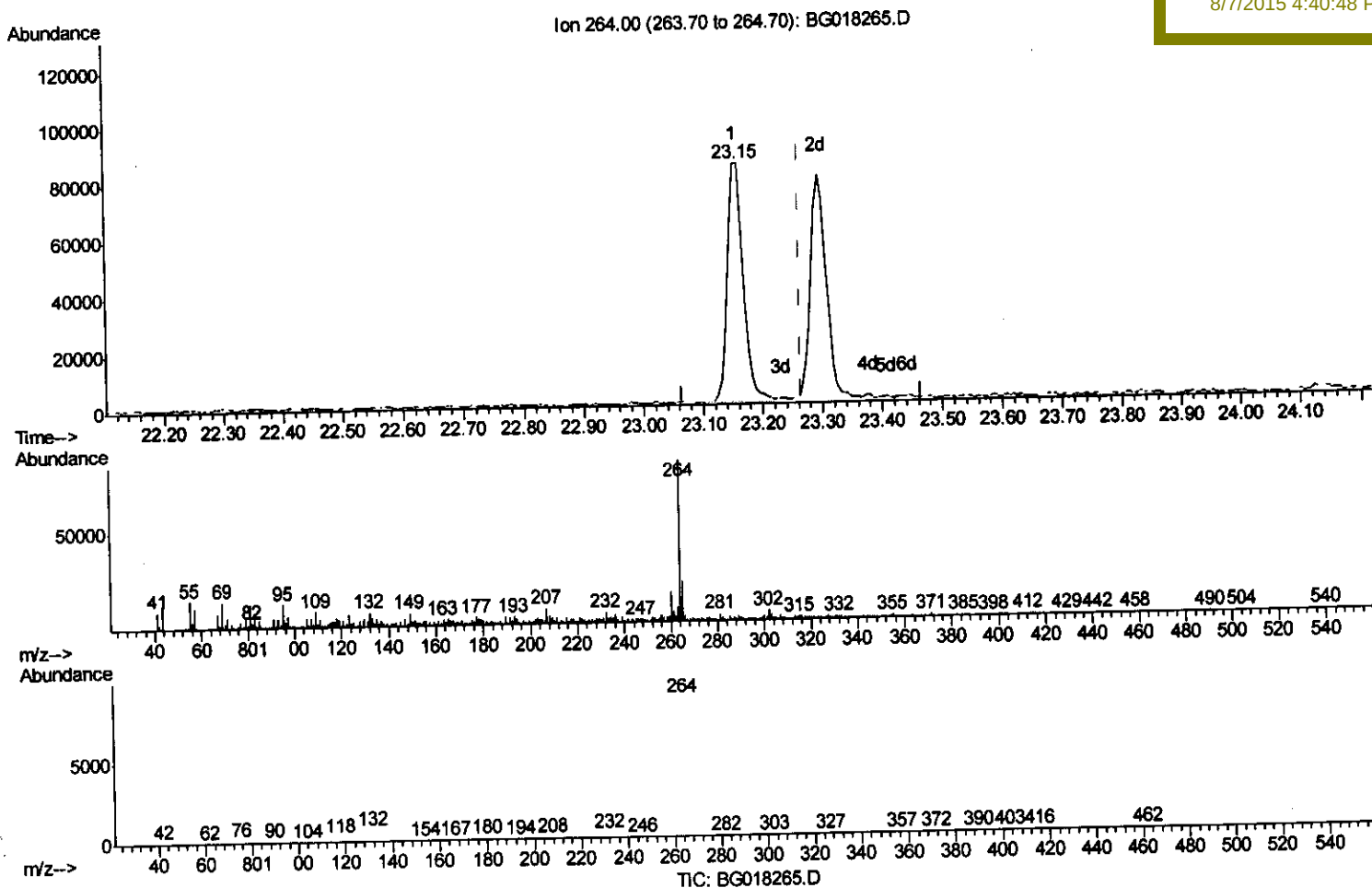
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018265.D
Acq On : 4 Aug 2015 22:25
Operator : UM/TP
Sample : G3109-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01W7

Quant Time: Aug 05 02:31:09 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 05 02:27:11 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

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(86) Perylene-d12 (I)

23.154min (-0.110) 20.00ng/ul

response 156384

Ion	Exp%	Act%
264.00	100	100
260.00	22.50	18.47
265.00	22.20	24.87
0.00	0.00	0.00

Quantitation Report (Qedit)

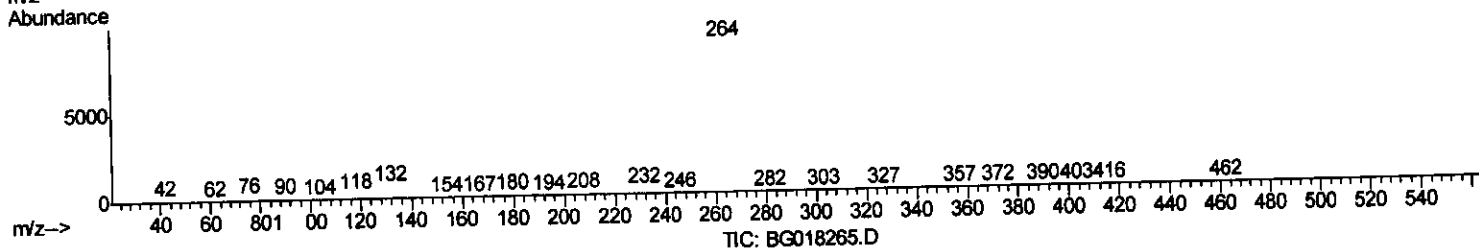
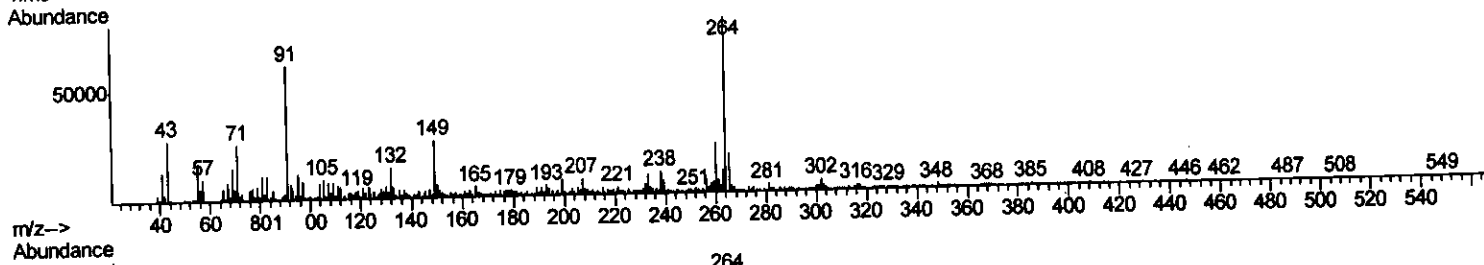
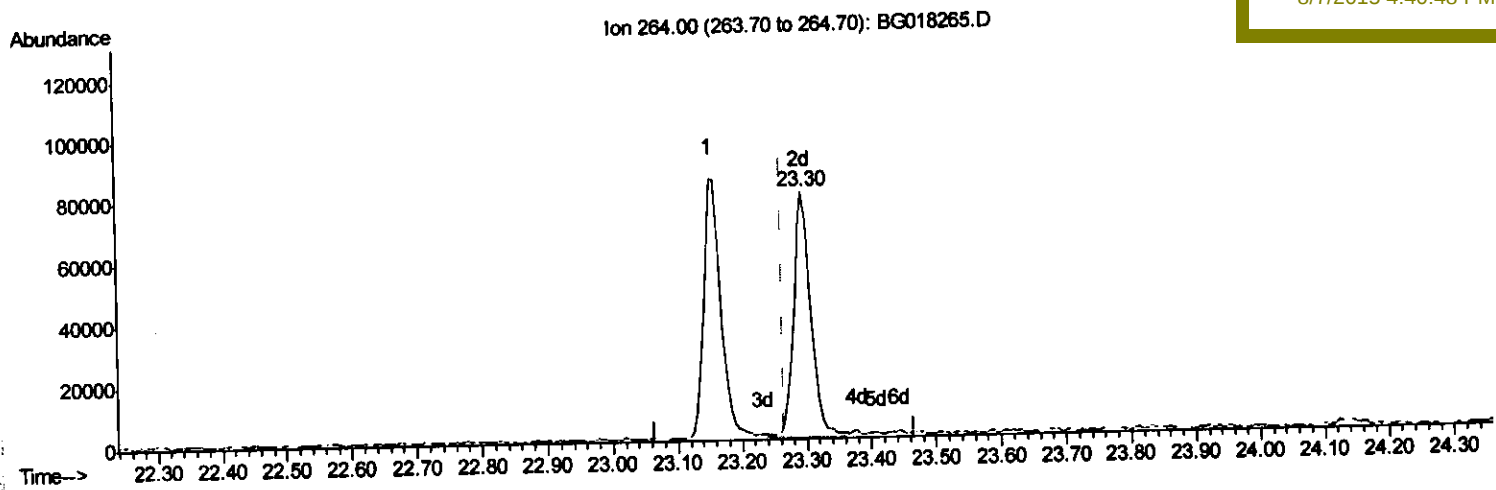
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
 Data File : BG018265.D
 Acq On : 4 Aug 2015 22:25
 Operator : UM/TP
 Sample : G3109-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01W7

Quant Time: Aug 05 02:31:09 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 05 02:27:11 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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(86) Perylene-d12 (I)

23.295min (+0.031) 20.00ng/ul m

response 147710

Ion Exp% Act%

264.00 100 100

260.00 22.50 28.04#

265.00 22.20 22.38

0.00 0.00 0.00

T.P
 8/8/15

Quantitation Report (Qedit)

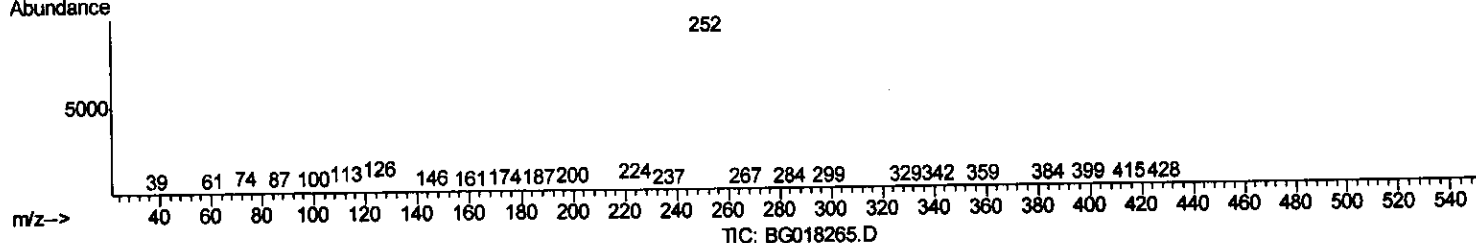
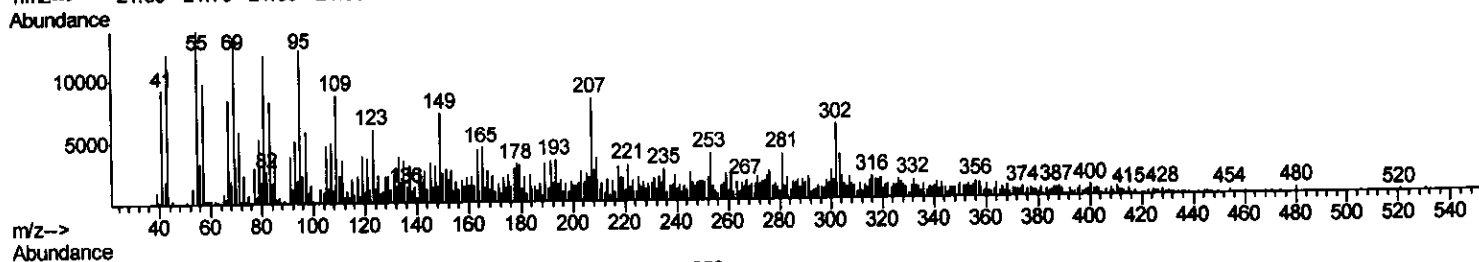
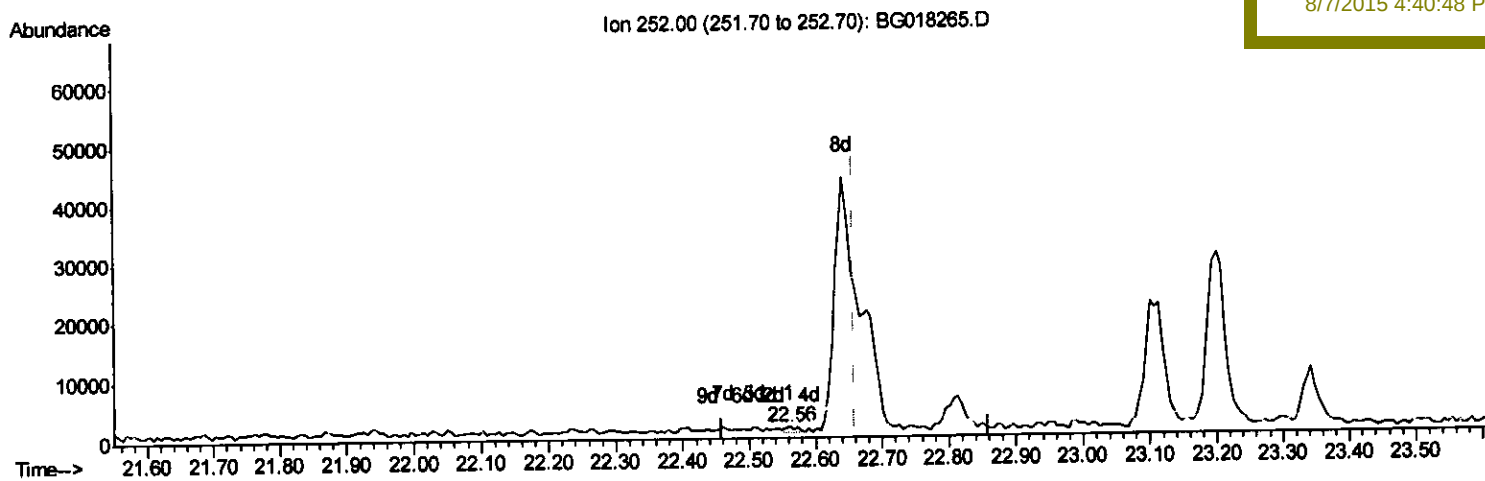
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018265.D
Acq On : 4 Aug 2015 22:25
Operator : UM/TP
Sample : G3109-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01W7

Quant Time: Aug 05 02:31:09 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 05 02:27:11 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

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(89) Benzo(k)fluoranthene

22.561min (-0.098) 0.12ng/ul

response 998

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	199.90#
125.00	9.40	120.41#
0.00	0.00	0.00

Quantitation Report (Qedit)

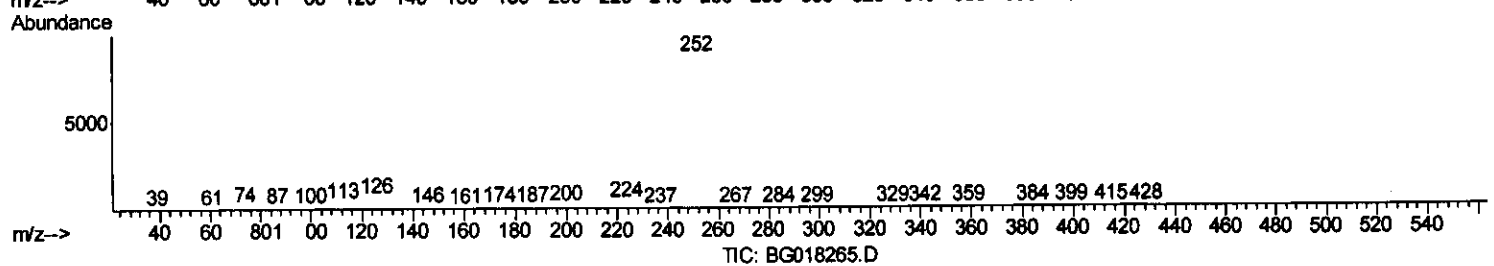
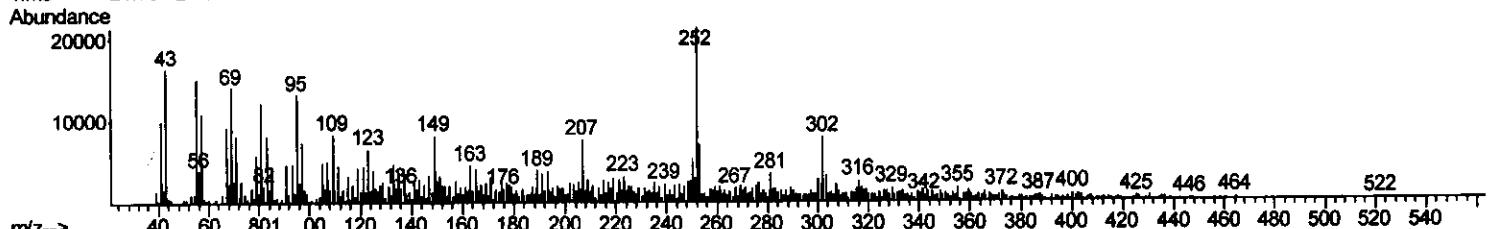
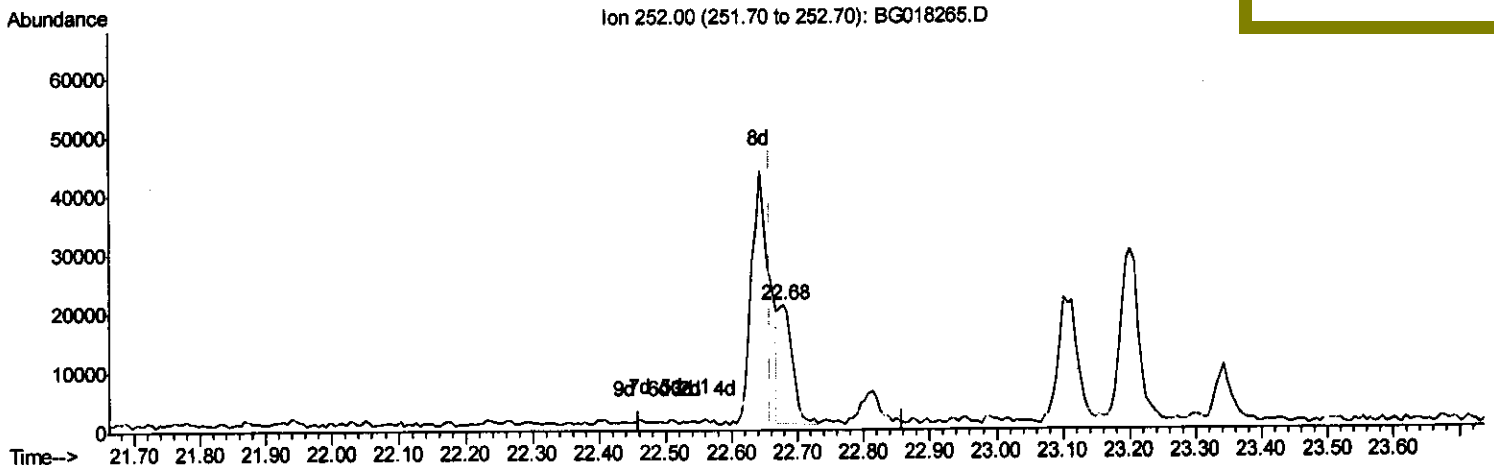
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
 Data File : BG018265.D
 Acq On : 4 Aug 2015 22:25
 Operator : UM/TP
 Sample : G3109-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01W7

Quant Time: Aug 05 02:31:09 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 05 02:27:11 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 8/7/2015 4:40:48 PM



(89) Benzo(k)fluoranthene

22.678min (+0.019) 3.72ng/ul m

response 30360

T.P
 8/8/15

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	33.42#
125.00	9.40	19.40#
0.00	0.00	0.00

Quantitation Report (Qedit)

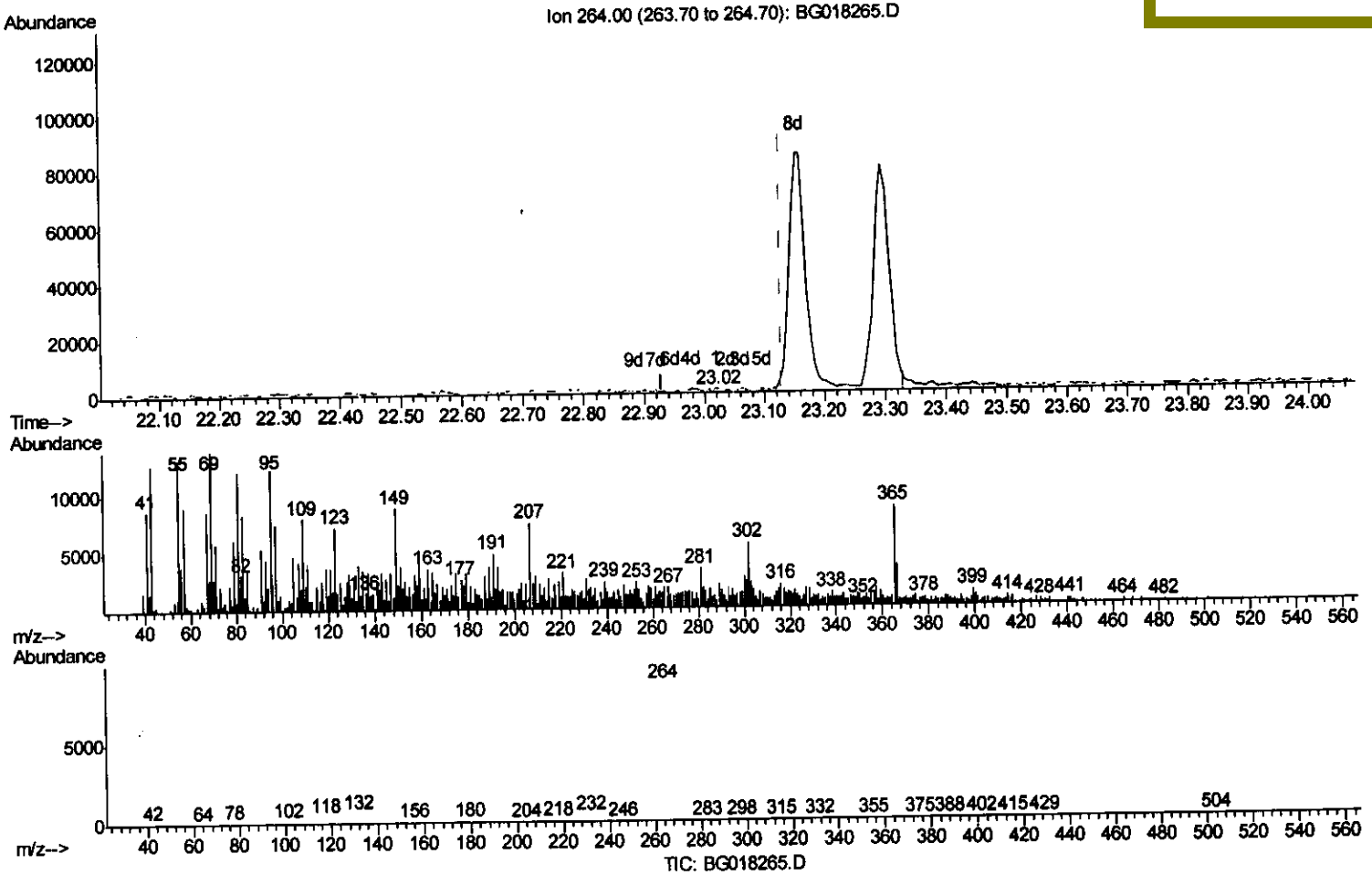
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
 Data File : BG018265.D
 Acq On : 4 Aug 2015 22:25
 Operator : UM/TP
 Sample : G3109-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01W7

Quant Time: Aug 05 02:31:09 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 05 02:27:11 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 8/7/2015 4:40:48 PM



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

23.019min (-0.110) 0.10ng/ul

response 725

Ion	Exp%	Act%
264.00	100	100
132.00	15.20	68.66#
118.00	7.60	54.77#
0.00	0.00	0.00

Quantitation Report (Qedit)

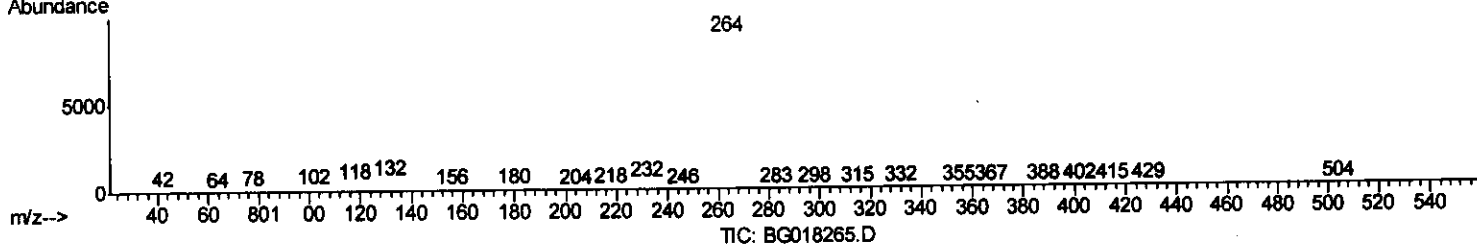
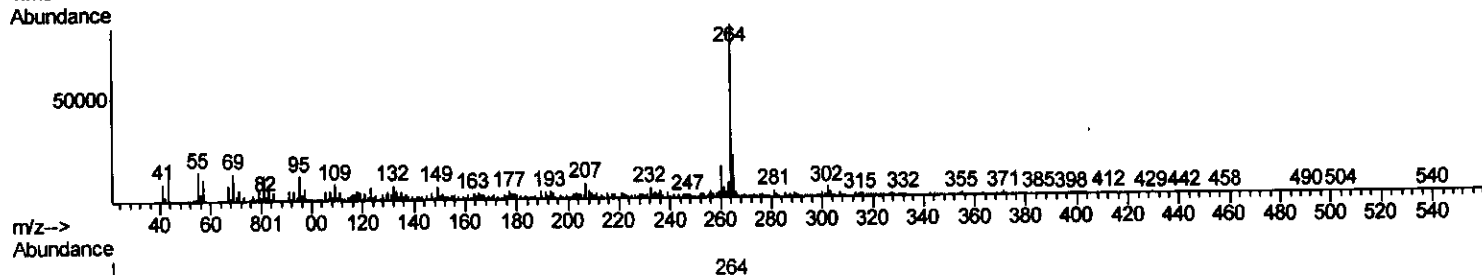
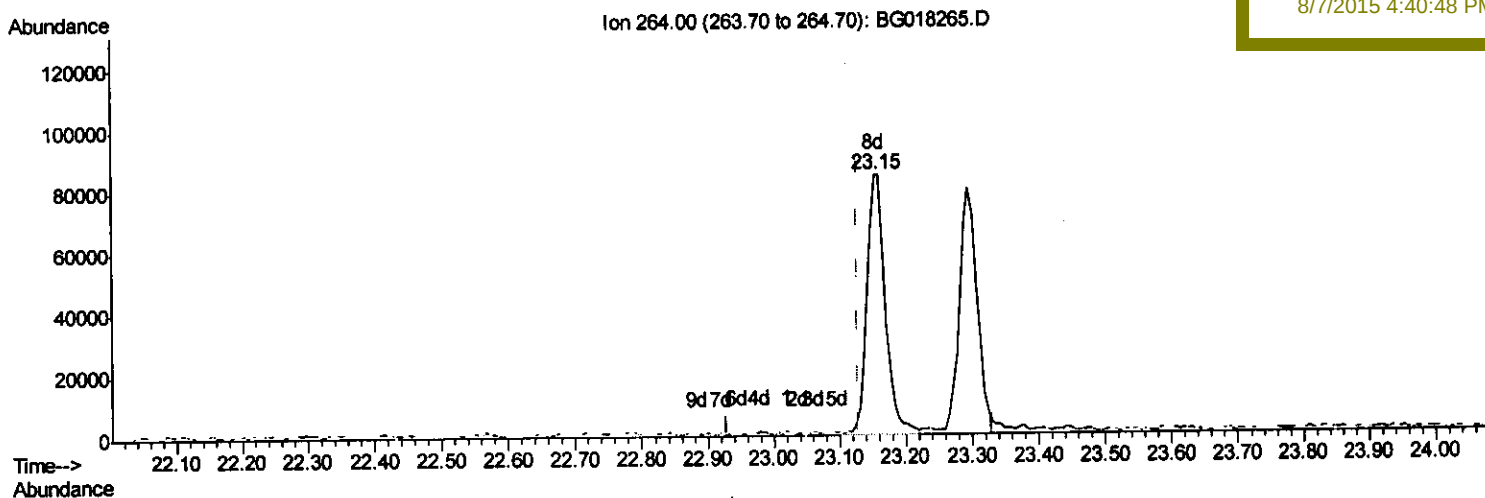
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018265.D
Acq On : 4 Aug 2015 22:25
Operator : UM/TP
Sample : G3109-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 05 02:31:09 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 05 02:27:11 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C01W7

Manual Integrations
APPROVED

MMDadoda
8/7/2015 4:40:48 PM



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

23.154min (+0.025) 21.74ng/ul m

response 162397

Ion	Exp%	Act%
264.00	100	100
132.00	15.20	8.44#
118.00	7.60	5.45#
0.00	0.00	0.00

T.P
8/8/15

Quantitation Report (Qedit)

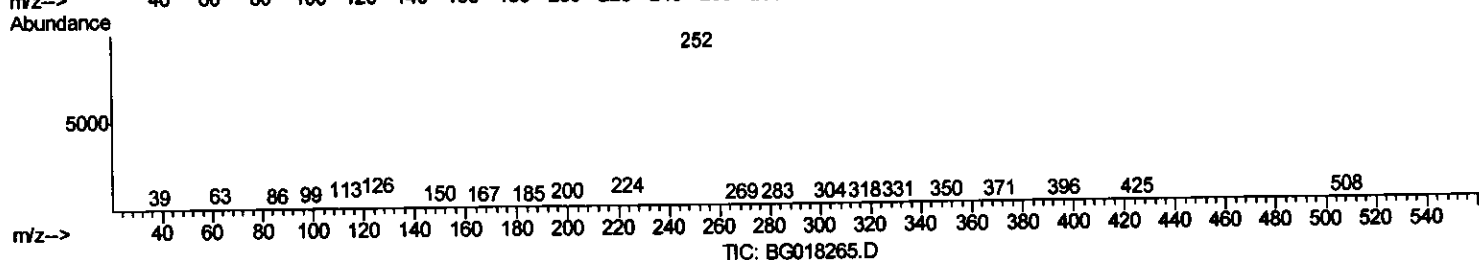
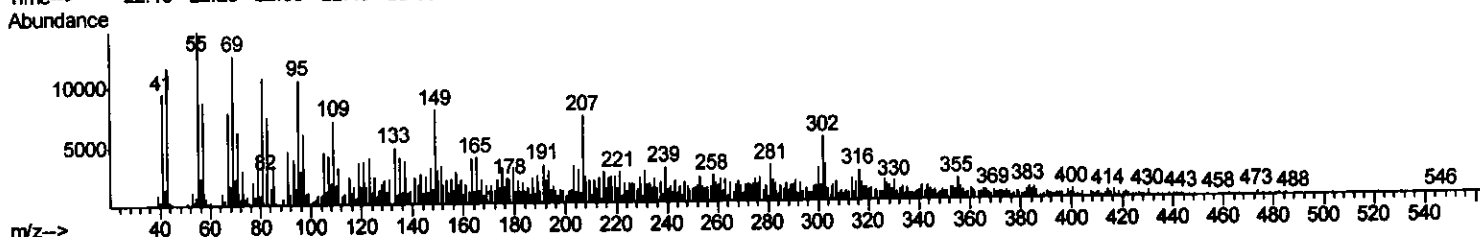
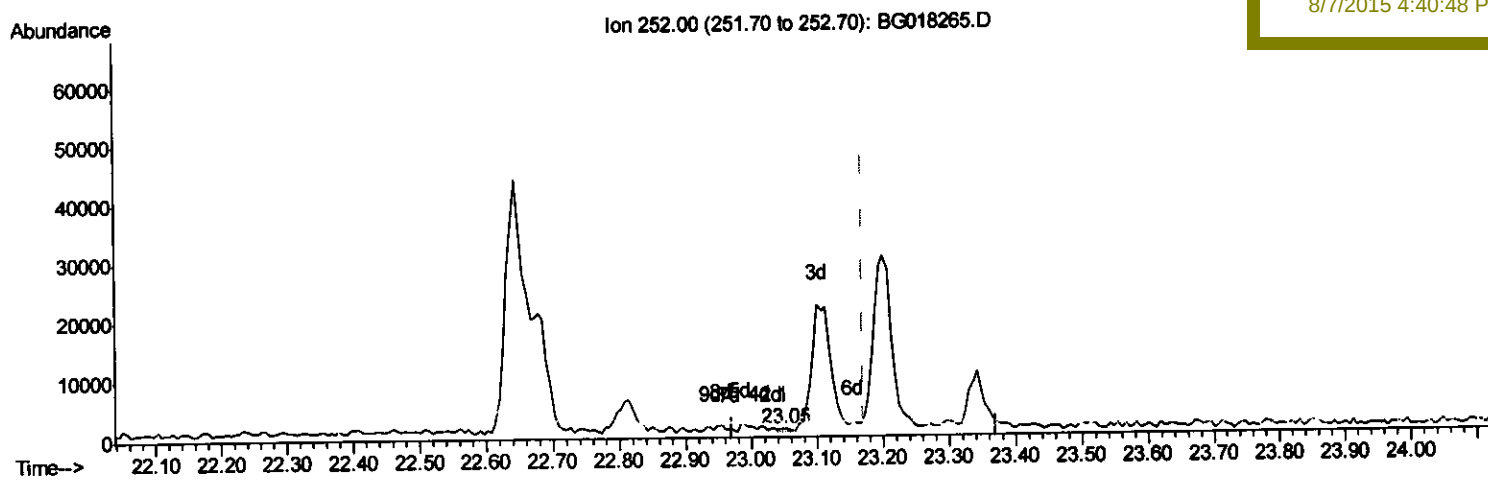
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
 Data File : BG018265.D
 Acq On : 4 Aug 2015 22:25
 Operator : UM/TP
 Sample : G3109-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01W7

Quant Time: Aug 05 02:31:09 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 05 02:27:11 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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(91) Benzo(a)pyrene (C)

23.048min (-0.122) 0.05ng/ul

response 410

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	151.63#
125.00	9.10	164.87#
0.00	0.00	0.00

Quantitation Report (Qedit)

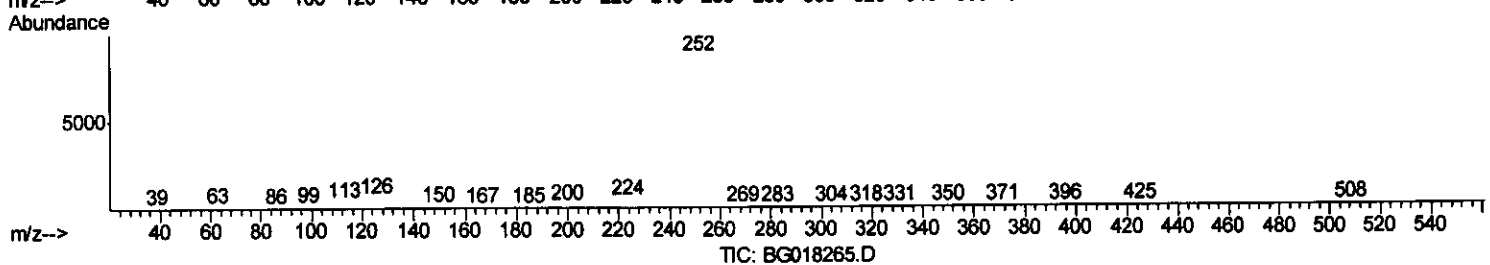
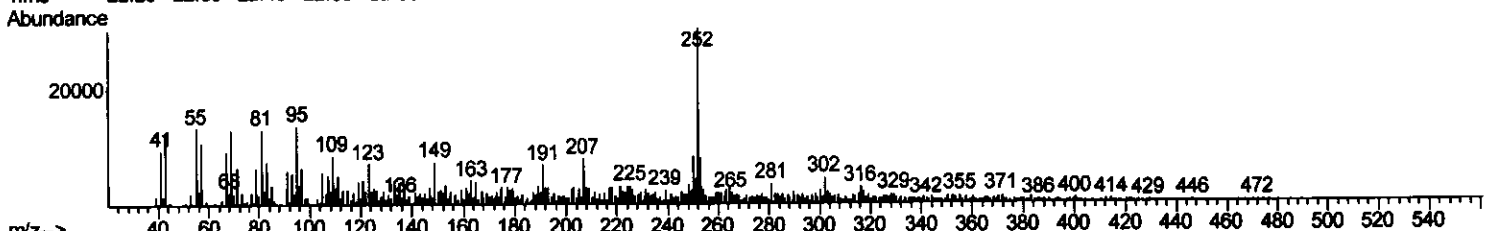
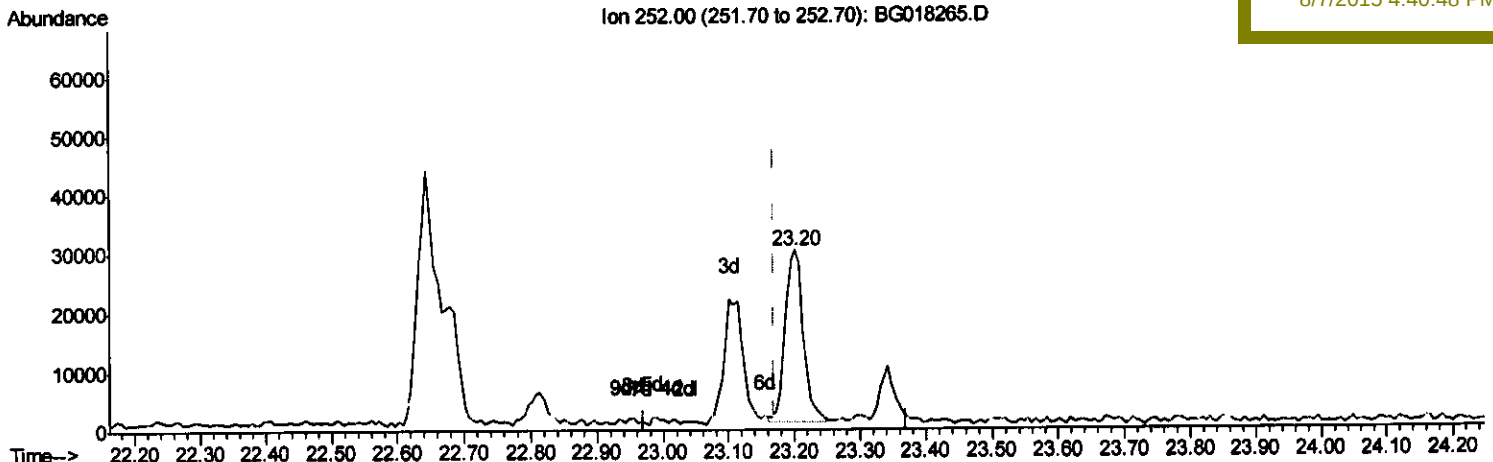
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
 Data File : BG018265.D
 Acq On : 4 Aug 2015 22:25
 Operator : UM/TP
 Sample : G3109-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01W7

Quant Time: Aug 05 02:31:09 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 05 02:27:11 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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 8/7/2015 4:40:48 PM



(91) Benzo(a)pyrene (C)

23.201min (+0.031) 6.98ng/ul m

response 55444

T. P
 8/8/15

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	26.65#
125.00	9.10	9.47
0.00	0.00	0.00

Quantitation Report (Qedit)

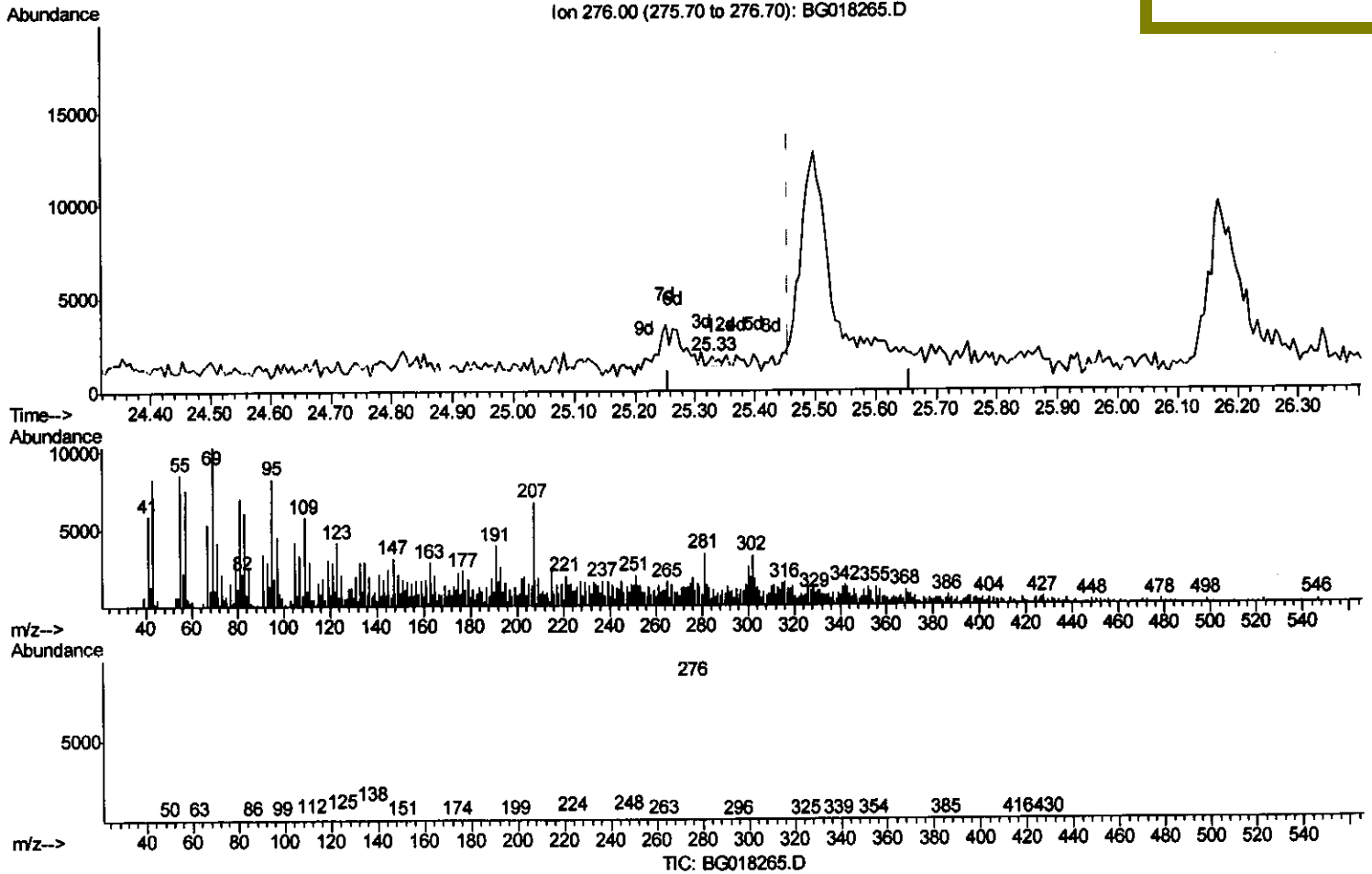
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
 Data File : BG018265.D
 Acq On : 4 Aug 2015 22:25
 Operator : UM/TP
 Sample : G3109-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 05 02:31:09 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 05 02:27:11 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 C01W7

Manual Integrations
 APPROVED

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 8/7/2015 4:40:48 PM



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

25.328min (-0.128) 0.05ng/ul

response 489

Ion	Exp%	Act%
276.00	100	100
138.00	21.50	46.72#
277.00	24.40	60.82#
0.00	0.00	0.00

Quantitation Report (Qedit)

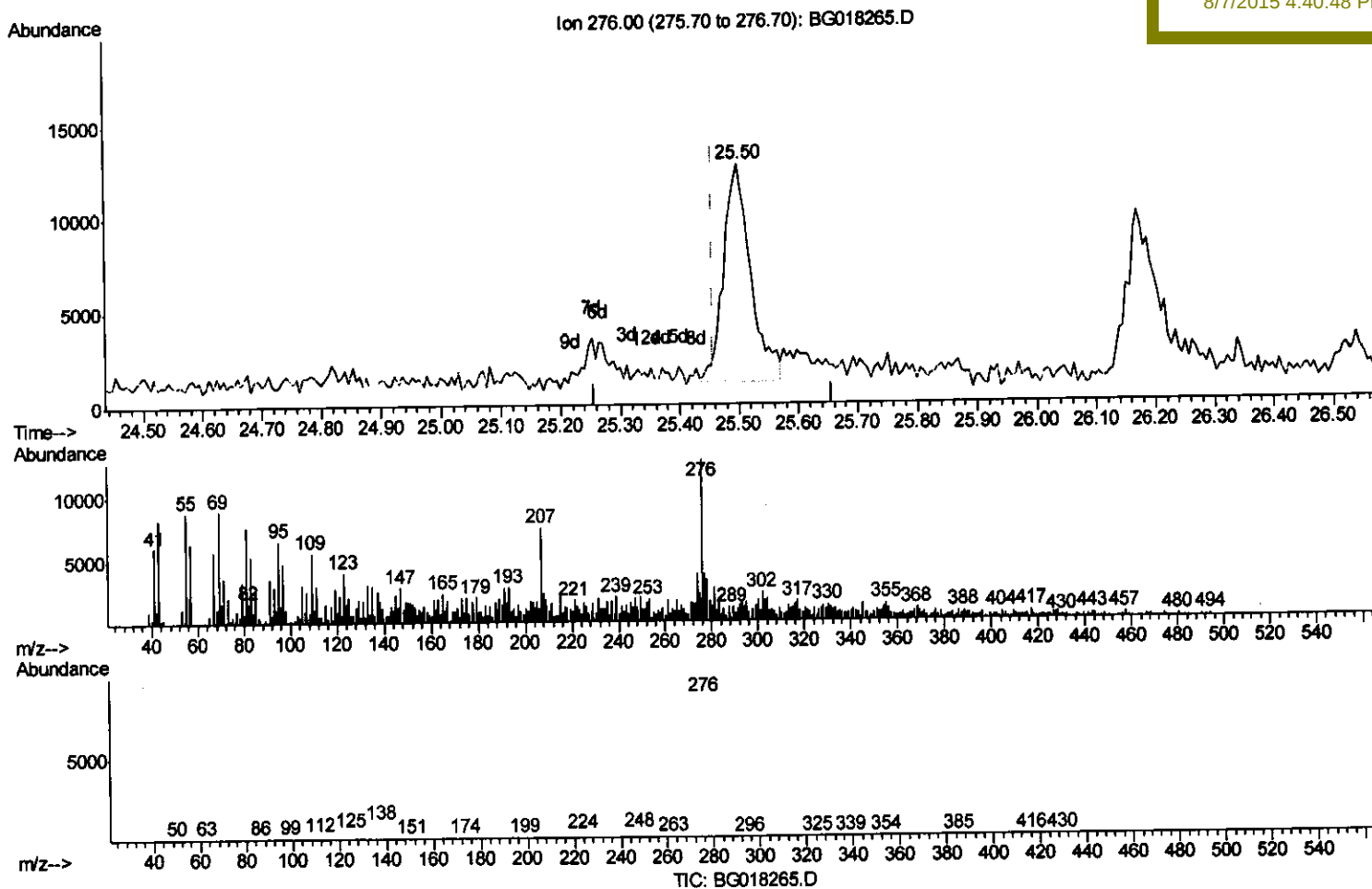
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
 Data File : BG018265.D
 Acq On : 4 Aug 2015 22:25
 Operator : UM/TP
 Sample : G3109-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01W7

Quant Time: Aug 05 02:31:09 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 05 02:27:11 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

25.498min (+0.043) 3.98ng/ul m

response 36565

ion	Exp%	Act%
276.00	100	100
138.00	21.50	14.62#
277.00	24.40	30.25#
0.00	0.00	0.00

T.P
8/8/15

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
 Data File : BG018265.D
 Acq On : 4 Aug 2015 22:25
 Operator : UM/TP
 Sample : G3109-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01W7

Quant Time: Aug 05 04:59:55 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	41558	20.00	ng/ul	0.01
18) Naphthalene-d8	10.24	136	190015	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.14	164	109752	20.00	ng/ul	0.01
62) Phenanthrene-d10	16.90	188	177707	20.00	ng/ul	0.00
78) Chrysene-d12	21.12	240	136977	20.00	ng/ul	0.01
86) Perylene-d12	23.30	264	147710m	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.93	96	1736	3.15	ng/uL	0.00
5) Phenol-d5	6.67	99	68747	18.40	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.80	67	37533	19.65	ng/ul	0.01
9) 2-Chlorophenol-d4	7.00	132	58633	20.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	50396	16.56	ng/ul	0.01
19) Nitrobenzene-d5	8.61	128	33294	22.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.34	143	36529	21.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	61939	20.40	ng/ul	0.01
29) 4-Chloroaniline-d4	10.39	131	31819	8.41	ng/ul	0.01
44) Dimethylphthalate-d6	13.56	166	192840	22.74	ng/ul	0.01
47) Acenaphthylene-d8	13.83	160	211907	21.55	ng/ul	0.01
52) 4-Nitrophenol-d4	14.40	143	14321	9.12	ng/ul	0.01
58) Fluorene-d10	15.14	176	157419	20.51	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.29	200	4450	3.59	ng/ul	0.01
71) Anthracene-d10	17.00	188	171267	22.16	ng/ul	0.00
79) Pyrene-d10	19.31	212	122148	18.43	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.15	264	162397m	21.74	ng/ul	0.03

Target Compounds

						Qvalue
45) Dimethylphthalate	13.60	163	72874	8.64	ng/ul#	97
50) Acenaphthene	14.21	153	11920	1.87	ng/ul	92
59) Fluorene	15.20	166	14311	1.73	ng/ul#	88
70) Phenanthrene	16.94	178	110428	12.23	ng/ul	98
72) Anthracene	17.03	178	23298	2.59	ng/ul	96
75) Carbazole	17.31	167	9222	1.24	ng/ul#	84
76) Di-n-butylphthalate	17.88	149	45987	4.63	ng/ul#	94
77) Fluoranthene	18.98	202	132544	13.37	ng/ul#	92
80) Pyrene	19.35	202	114400	13.77	ng/ul#	89
81) Butylbenzylphthalate	20.26	149	36369	10.78	ng/ul#	80
83) Benzo(a)anthracene	21.10	228	47664	6.46	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.04	149	1861245	408.77	ng/ul#	80
85) Chrysene	21.15	228	56645	8.38	ng/ul	98
88) Benzo(b)fluoranthene	22.64	252	81858	9.22	ng/ul	92
89) Benzo(k)fluoranthene	22.68	252	30360m	3.72	ng/ul	
91) Benzo(a)pyrene	23.20	252	55444m	6.98	ng/ul	
92) Indeno(1,2,3-cd)pyrene	25.50	276	36565m	3.98	ng/ul	

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