

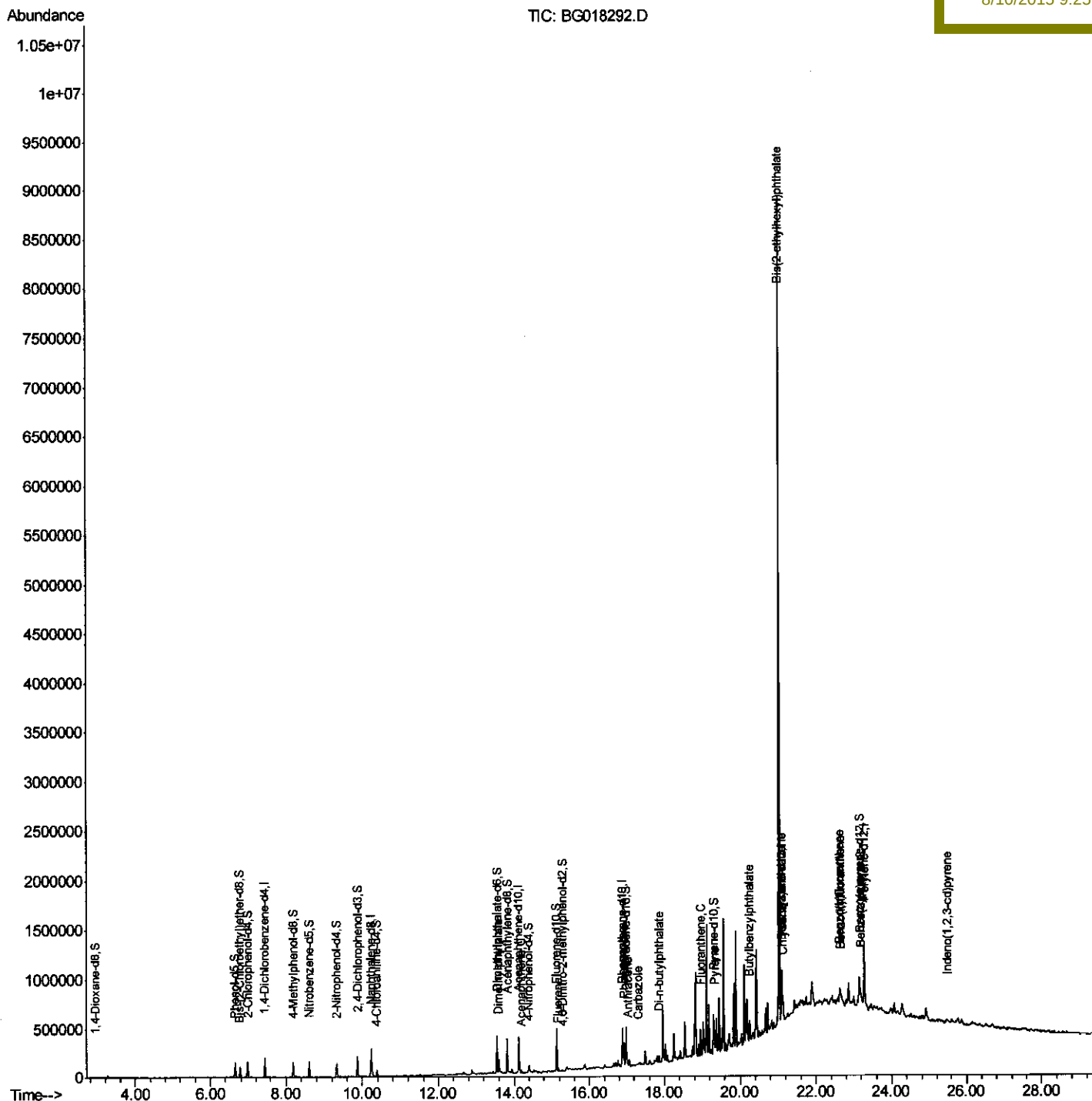
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
Data File : BG018292.D
Acq On : 6 Aug 2015 3:51
Operator : UM/TP
Sample : G3109-17RE
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01W7RE

Quant Time: Aug 06 06:44:02 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
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Quantitation Report (Qedit)

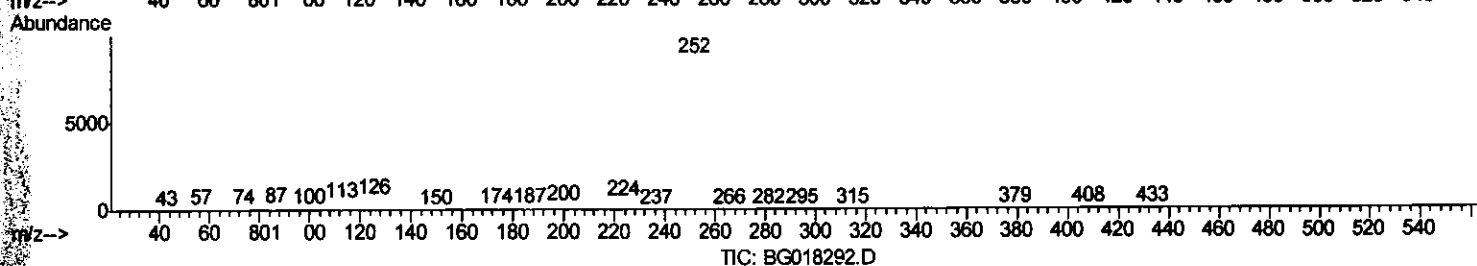
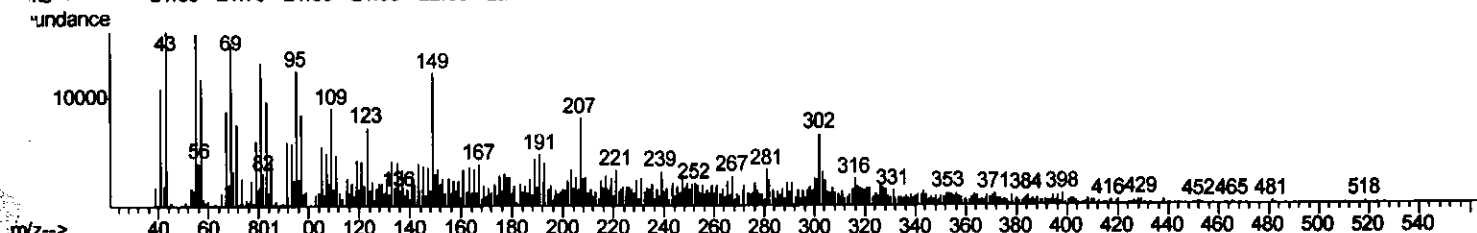
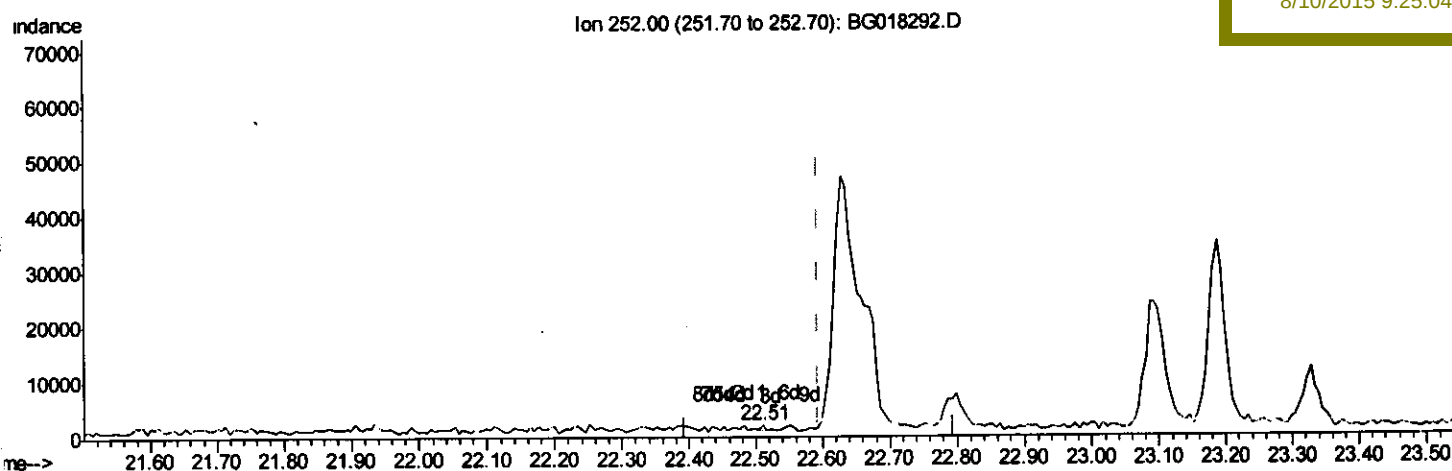
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
Data File : BG018292.D
Acq On : 6 Aug 2015 3:51
Operator : UM/TP
Sample : G3109-17RE
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01W7RE

Quant Time: Aug 06 05:06:30 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
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(88) Benzo(b)fluoranthene

22.511min (-0.084) 0.05ng/ul

response 434

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	91.65#
125.00	3.90	107.43#
0.00	0.00	0.00

Quantitation Report (Qedit)

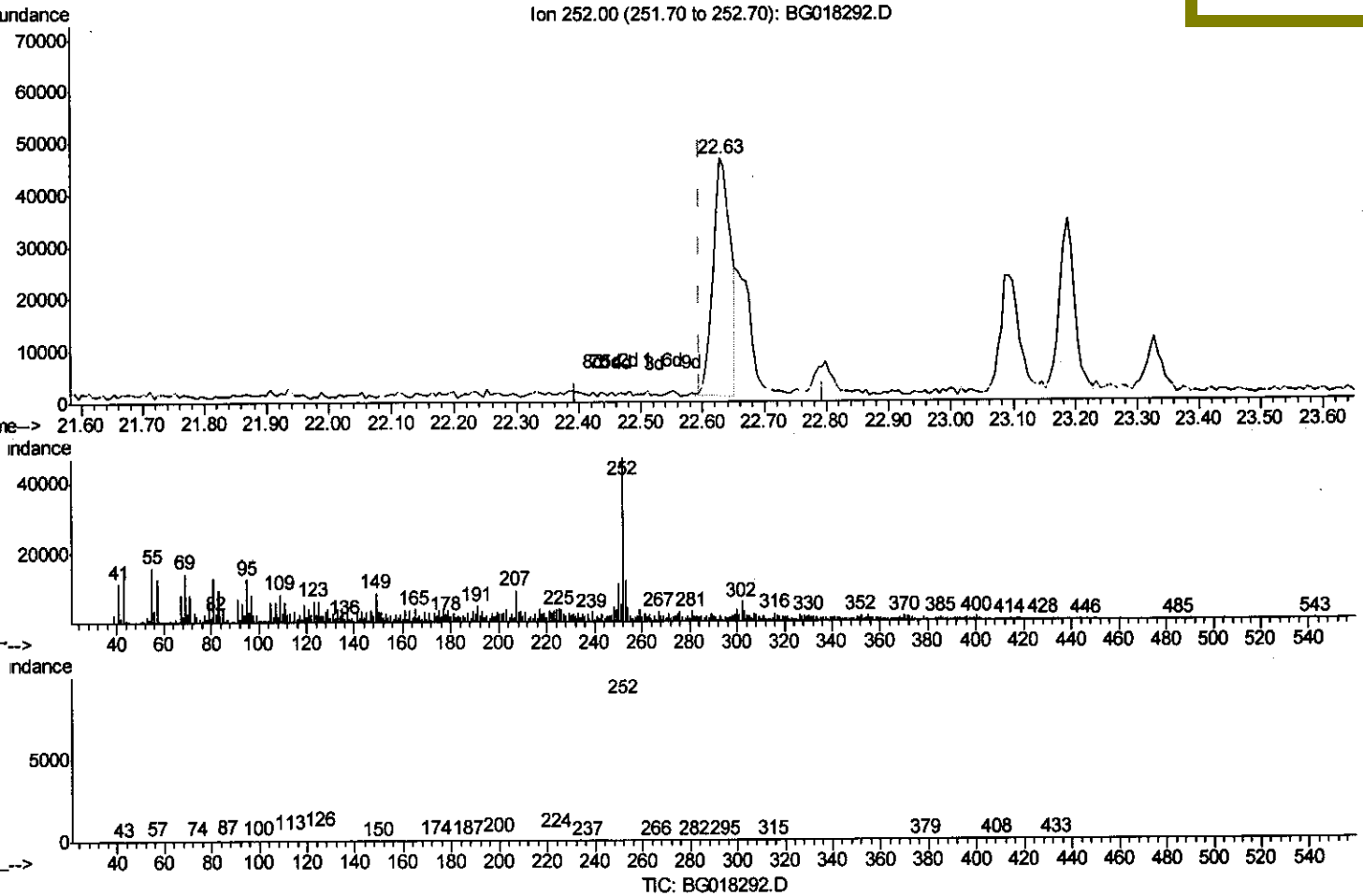
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
 Data File : BG018292.D
 Acq On : 6 Aug 2015 3:51
 Operator : UM/TP
 Sample : G3109-17RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sample ID :
 C01W7RE

Quant Time: Aug 06 05:06:30 2015
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(88) Benzo(b)fluoranthene

22.628min (+0.034) 9.46ng/ul m

response 91149

Ion Exp% Act%

252.00	100	100
253.00	22.60	25.54
125.00	3.90	13.17#
0.00	0.00	0.00

T.P
 8/8/15

Quantitation Report (Qedit)

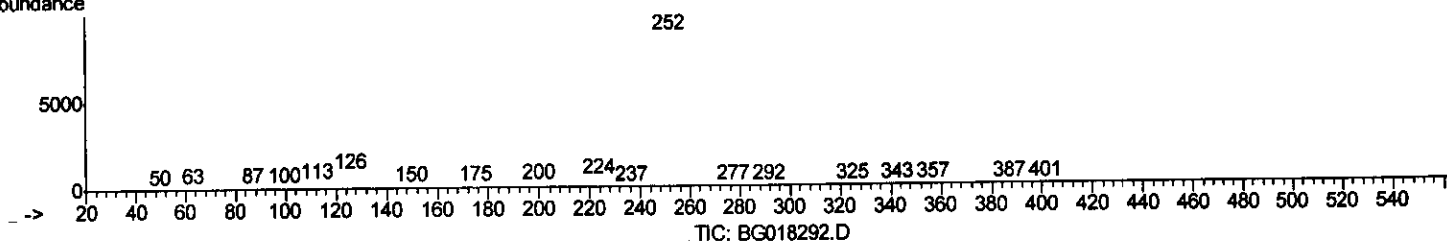
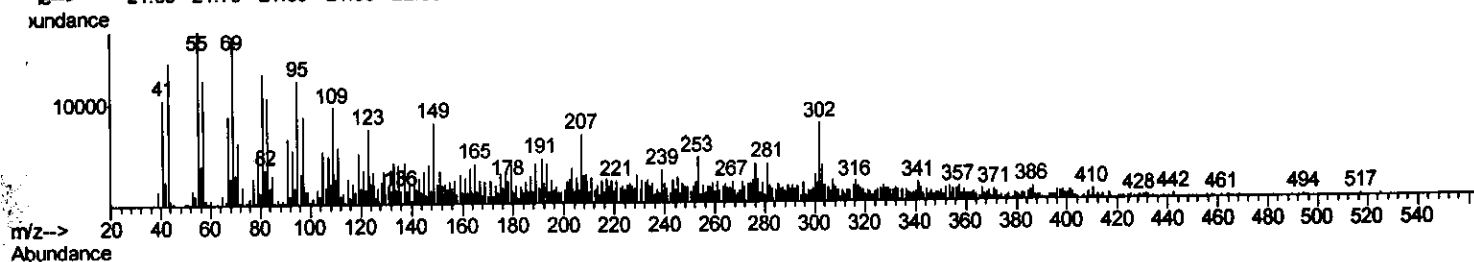
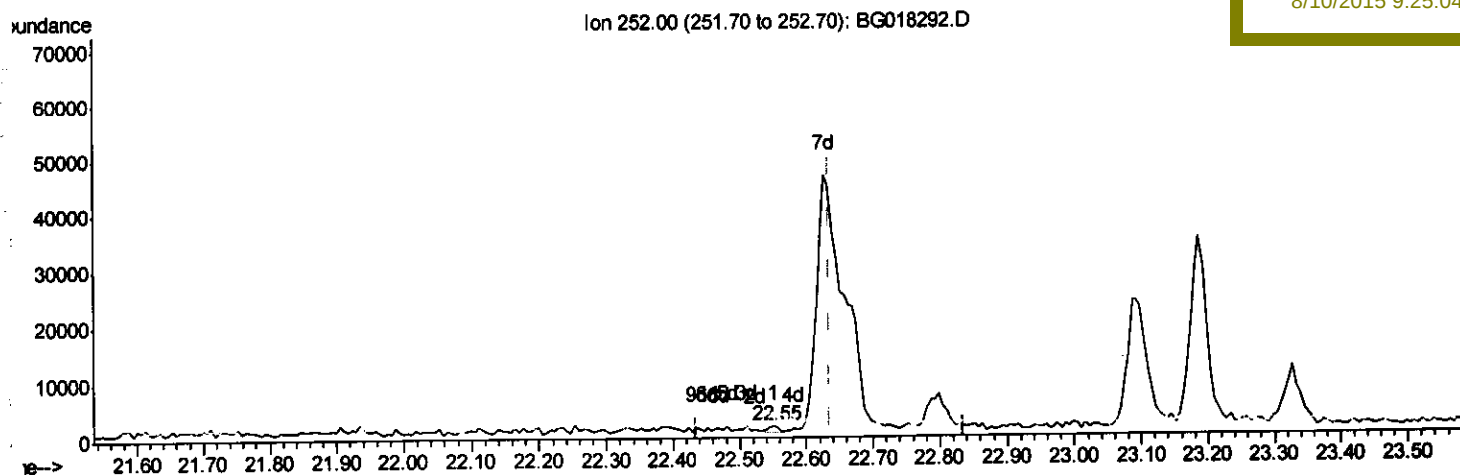
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
Data File : BG018292.D
Acq On : 6 Aug 2015 3:51
Operator : UM/TP
Sample : G3109-17RE
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01W7RE

Quant Time: Aug 06 05:06:30 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
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Manual Integrations
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(89) Benzo(k)fluoranthene

22.552min (-0.084) 0.12ng/ul

response 1081

Ion	Exp%	Act%
252.00	100	100
253.00	20.50	210.79#
125.00	4.30	145.96#
0.00	0.00	0.00

Quantitation Report (Qedit)

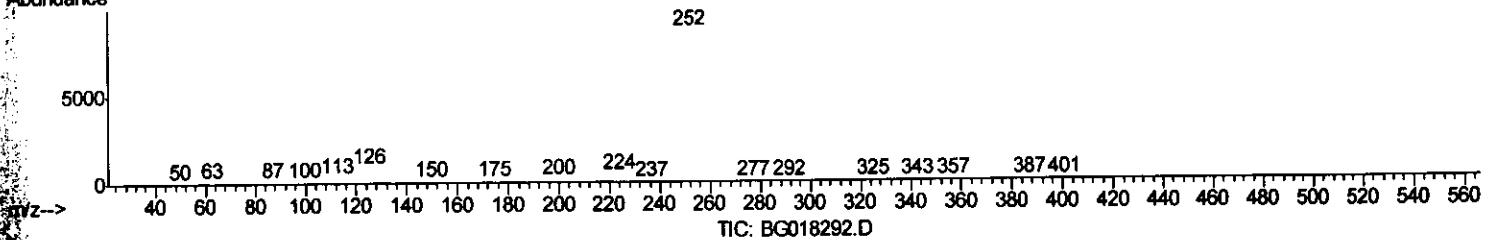
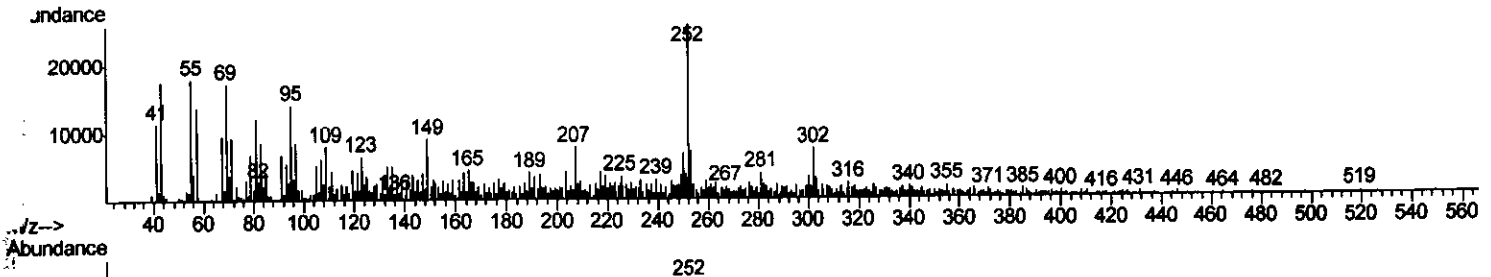
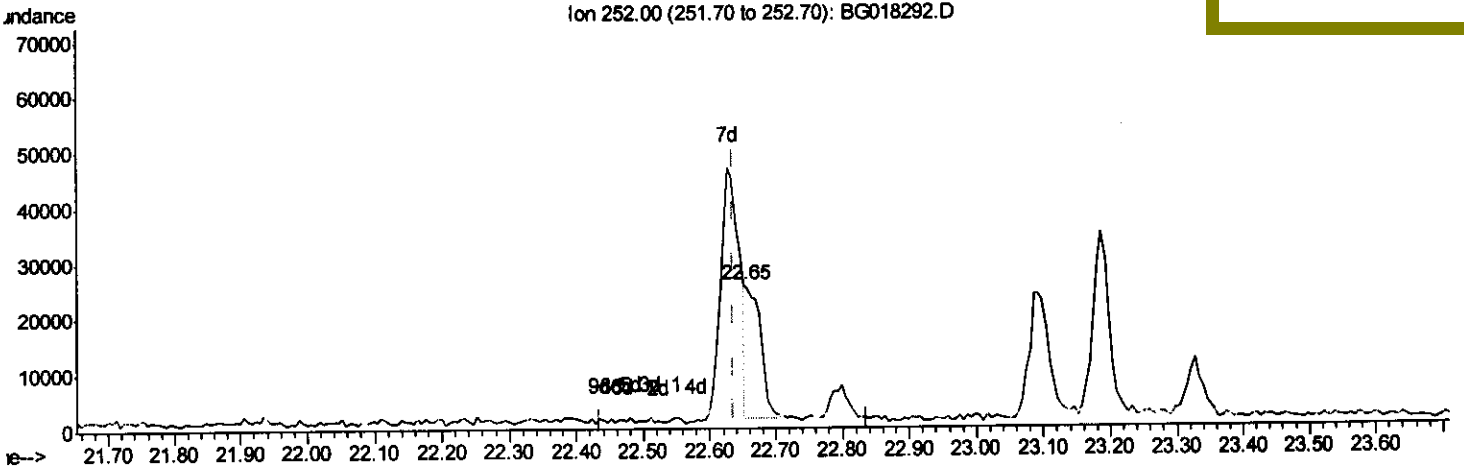
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
 Data File : BG018292.D
 Acq On : 6 Aug 2015 3:51
 Operator : UM/TP
 Sample : G3109-17RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01W7RE

Quant Time: Aug 06 05:06:30 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
 Quant Title : SVOA CALIBRATION
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Manual Integrations
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(89) Benzo(k)fluoranthene

22.652min (+0.016) 3.86ng/ul m

response 35683

Ion	Exp%	Act%
252.00	100	100
253.00	20.50	27.51#
125.00	4.30	14.31#
0.00	0.00	0.00

T.P
 8/8/15

Quantitation Report (Qedit)

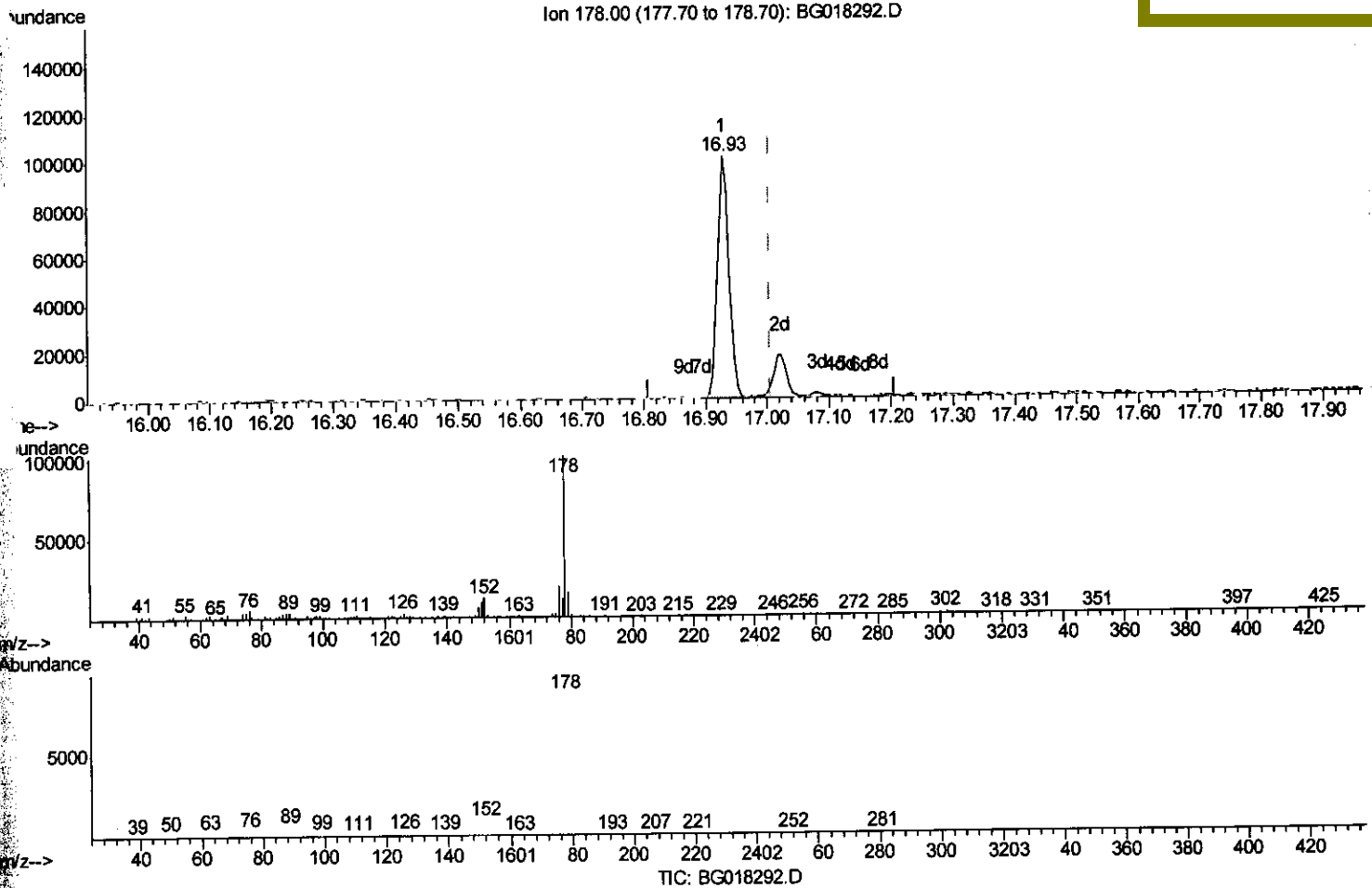
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
 Data File : BG018292.D
 Acq On : 6 Aug 2015 3:51
 Operator : UM/TP
 Sample : G3109-17RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sampled :
 C01W7RE

Quant Time: Aug 06 05:06:30 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
 Quant Title : SVOA CALIBRATION
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Manual Integrations
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(72) Anthracene

16.929min (-0.078) 12.51ng/ul

response 131014

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	16.22
176.00	19.10	19.33
0.00	0.00	0.00

Quantitation Report (Qedit)

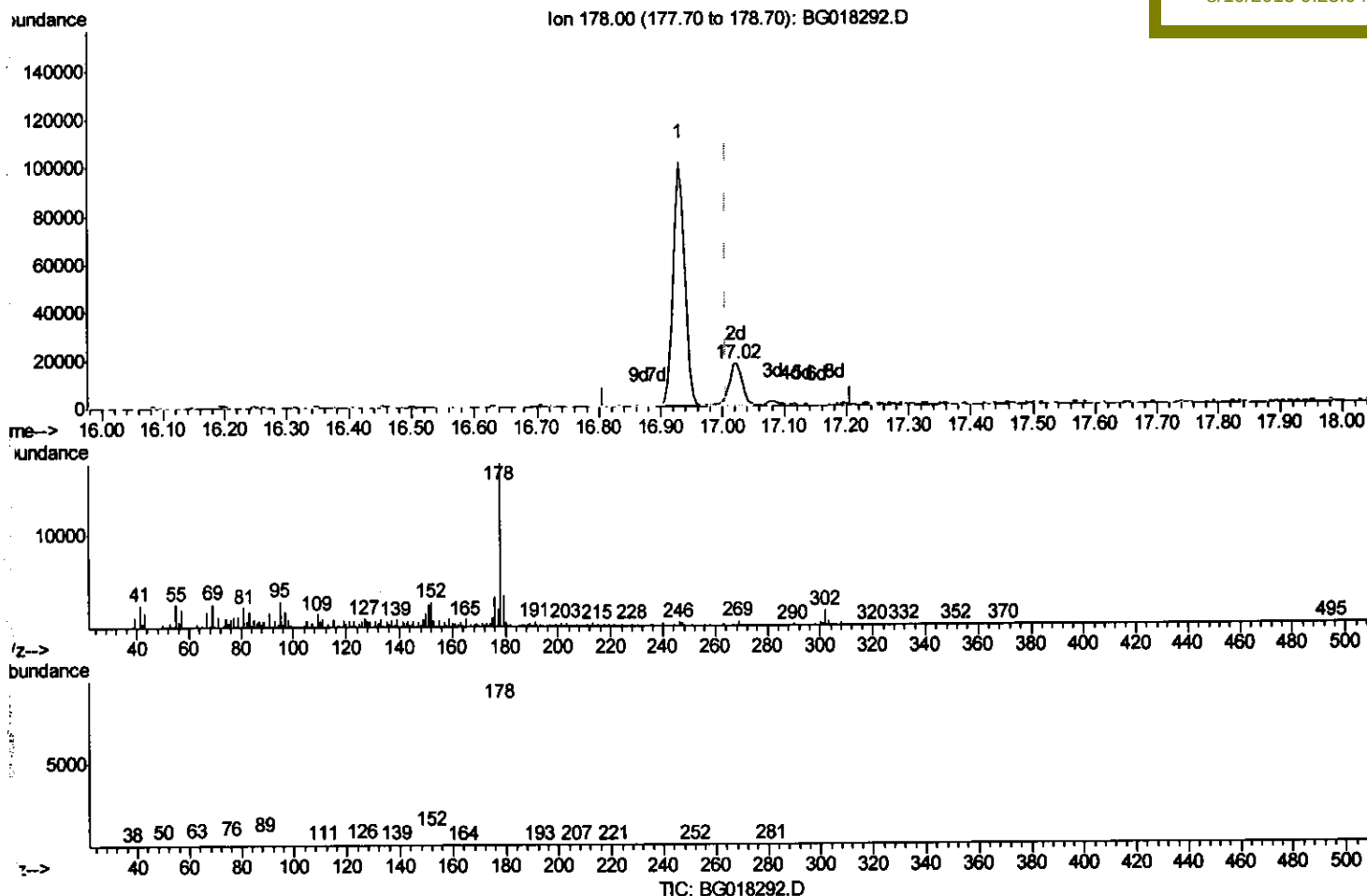
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
 Data File : BG018292.D
 Acq On : 6 Aug 2015 3:51
 Operator : UM/TP
 Sample : G3109-17RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01W7RE

Quant Time: Aug 06 05:06:30 2015
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Manual Integrations
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(72) Anthracene

17.023min (+0.016) 2.57ng/ul m

response 26945

Ion Exp% Act%

178.00	100	100
179.00	15.30	19.92#
176.00	19.10	19.30
0.00	0.00	0.00

T.P
 8/8/15

Quantitation Report (Qedit)

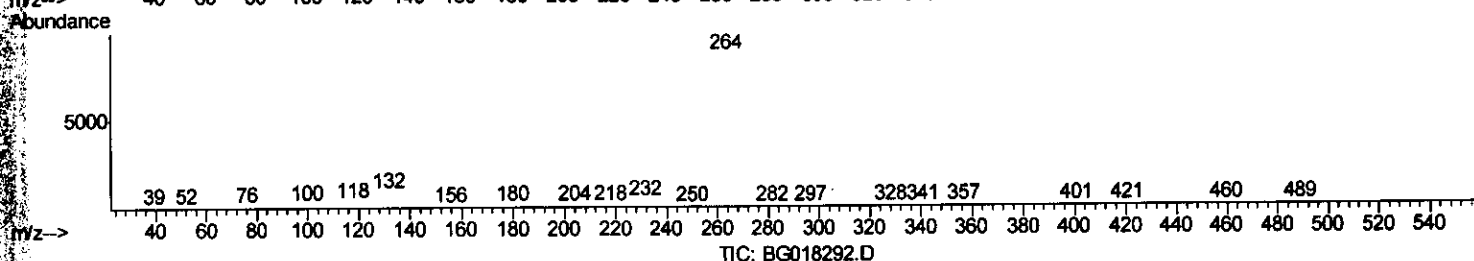
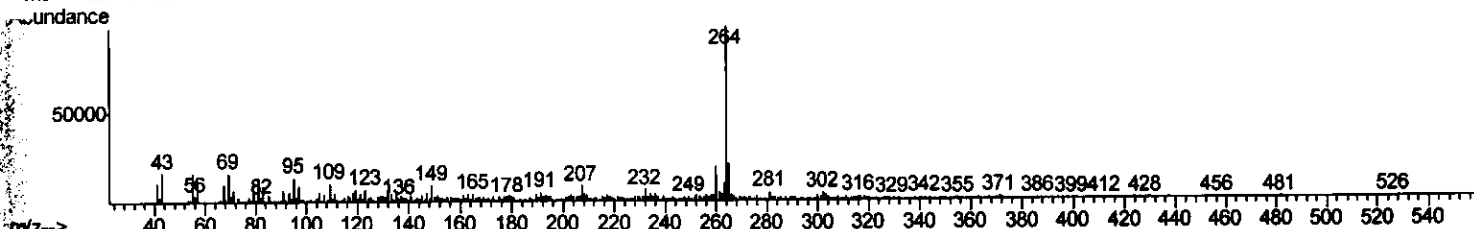
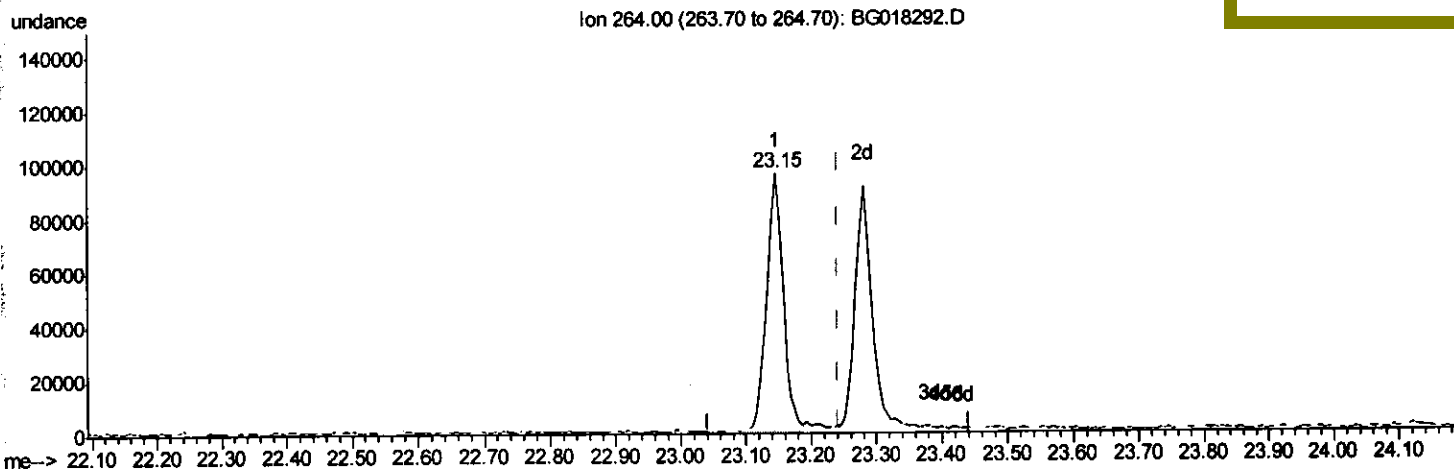
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
 Data File : BG018292.D
 Acq On : 6 Aug 2015 3:51
 Operator : UM/TP
 Sample : G3109-17RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01W7RE

Quant Time: Aug 06 05:06:30 2015
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Manual Integrations
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(86) Perylene-d12 (I)

23.145min (-0.095) 20.00ng/ul

response 170116

Ion	Exp%	Act%
264.00	100	100
260.00	22.80	19.84
265.00	22.60	21.30
0.00	0.00	0.00

Quantitation Report (Qedit)

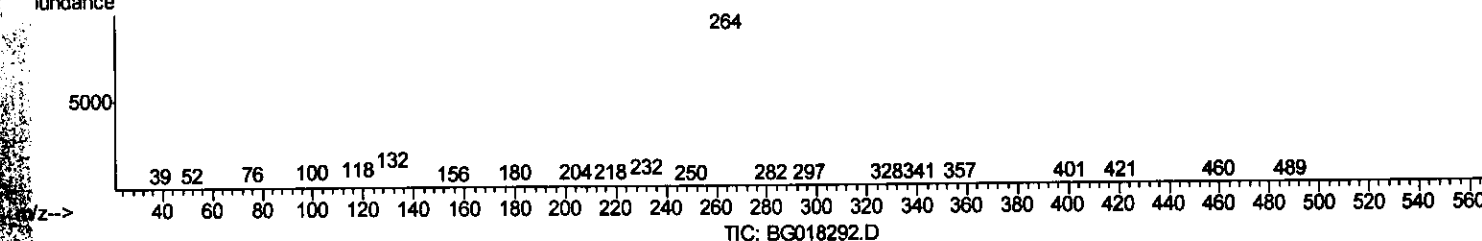
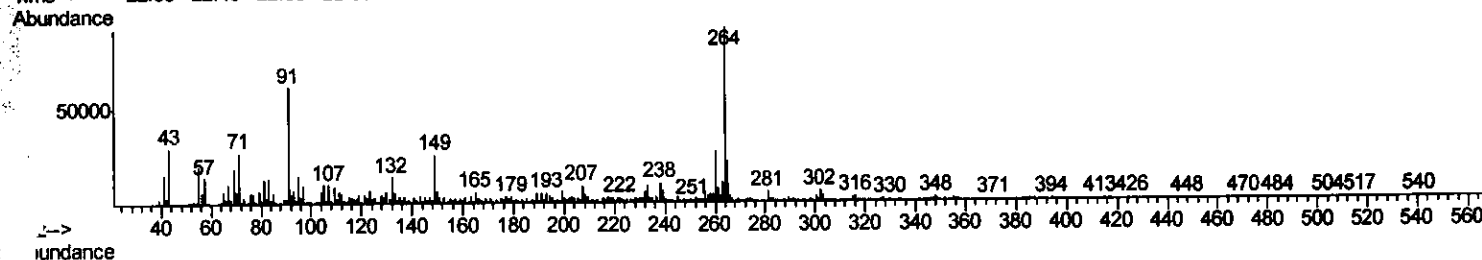
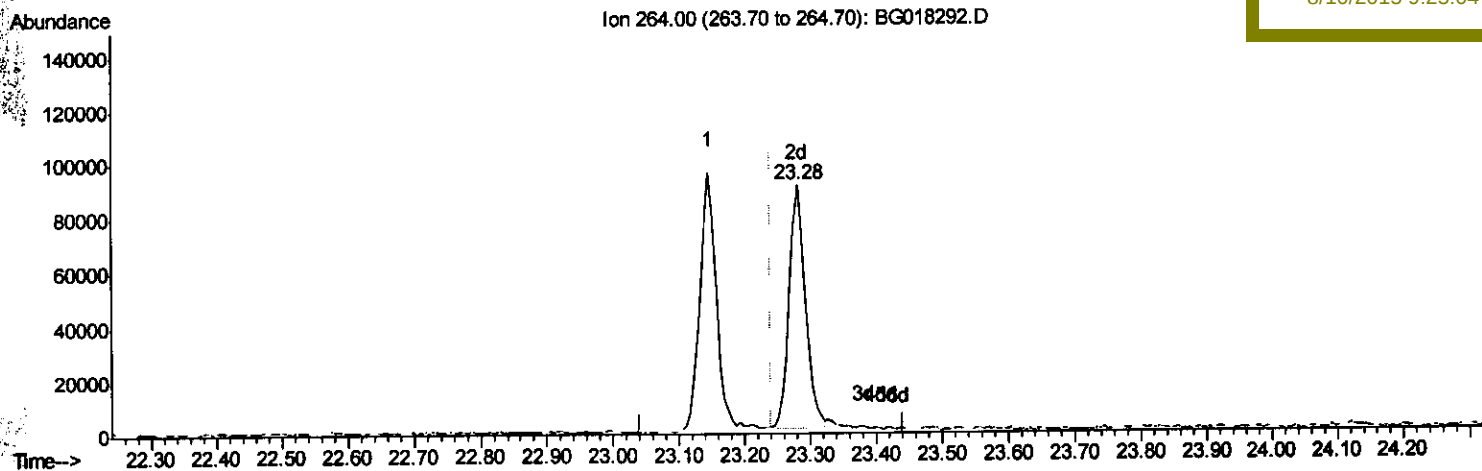
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
 Data File : BG018292.D
 Acq On : 6 Aug 2015 3:51
 Operator : UM/TP
 Sample : G3109-17RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01W7RE

Quant Time: Aug 06 05:06:30 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
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 8/10/2015 9:25:04 AM



(86) Perylene-d12 (I)

23.280min (+0.040) 20.00ng/ul m

response 157047

Ion	Exp%	Act%
264.00	100	100
260.00	22.80	29.04#
265.00	22.60	23.42
0.00	0.00	0.00

T.P
 8/8/15

Quantitation Report (Qedit)

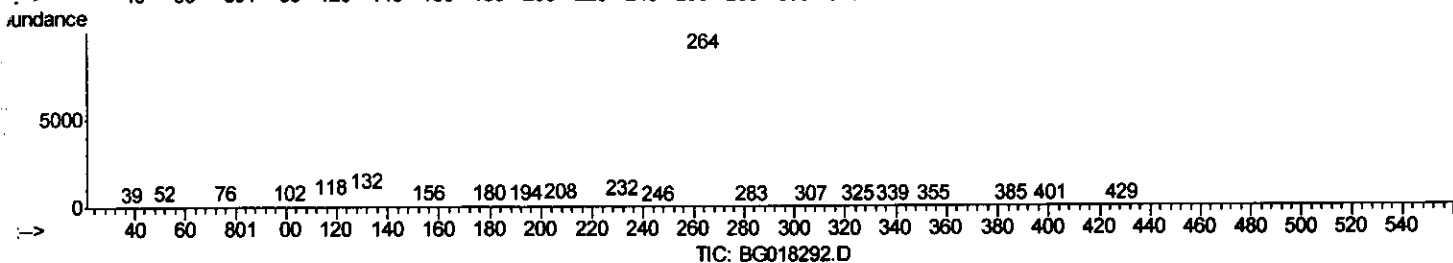
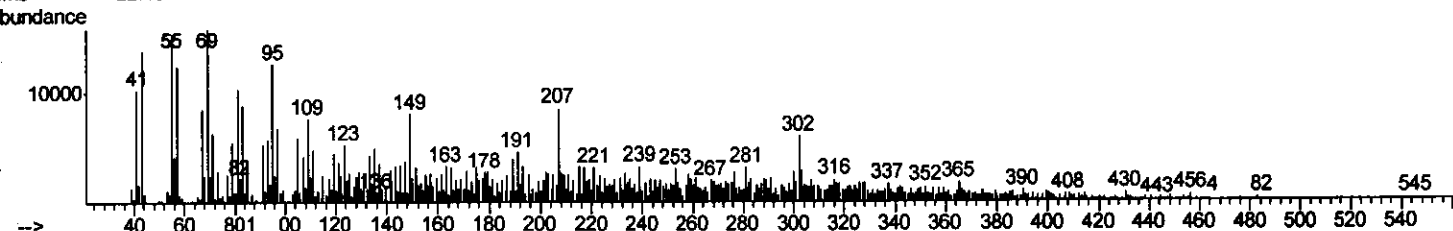
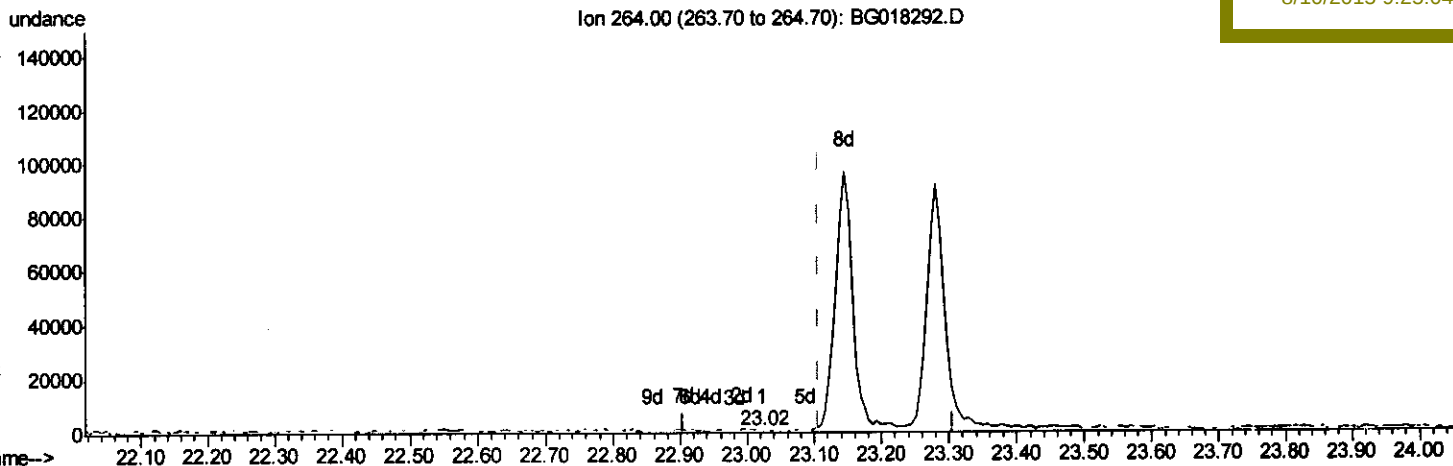
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
 Data File : BG018292.D
 Acq On : 6 Aug 2015 3:51
 Operator : UM/TP
 Sample : G3109-17RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01W7RE

Quant Time: Aug 06 05:06:30 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
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(90) Benzo(a)pyrene-d12 (S)

23.022min (-0.084) 0.03ng/ul

response 258

Ion	Exp%	Act%
264.00	100	100
132.00	6.80	126.05#
118.00	4.30	119.65#
0.00	0.00	0.00

Quantitation Report (Qedit)

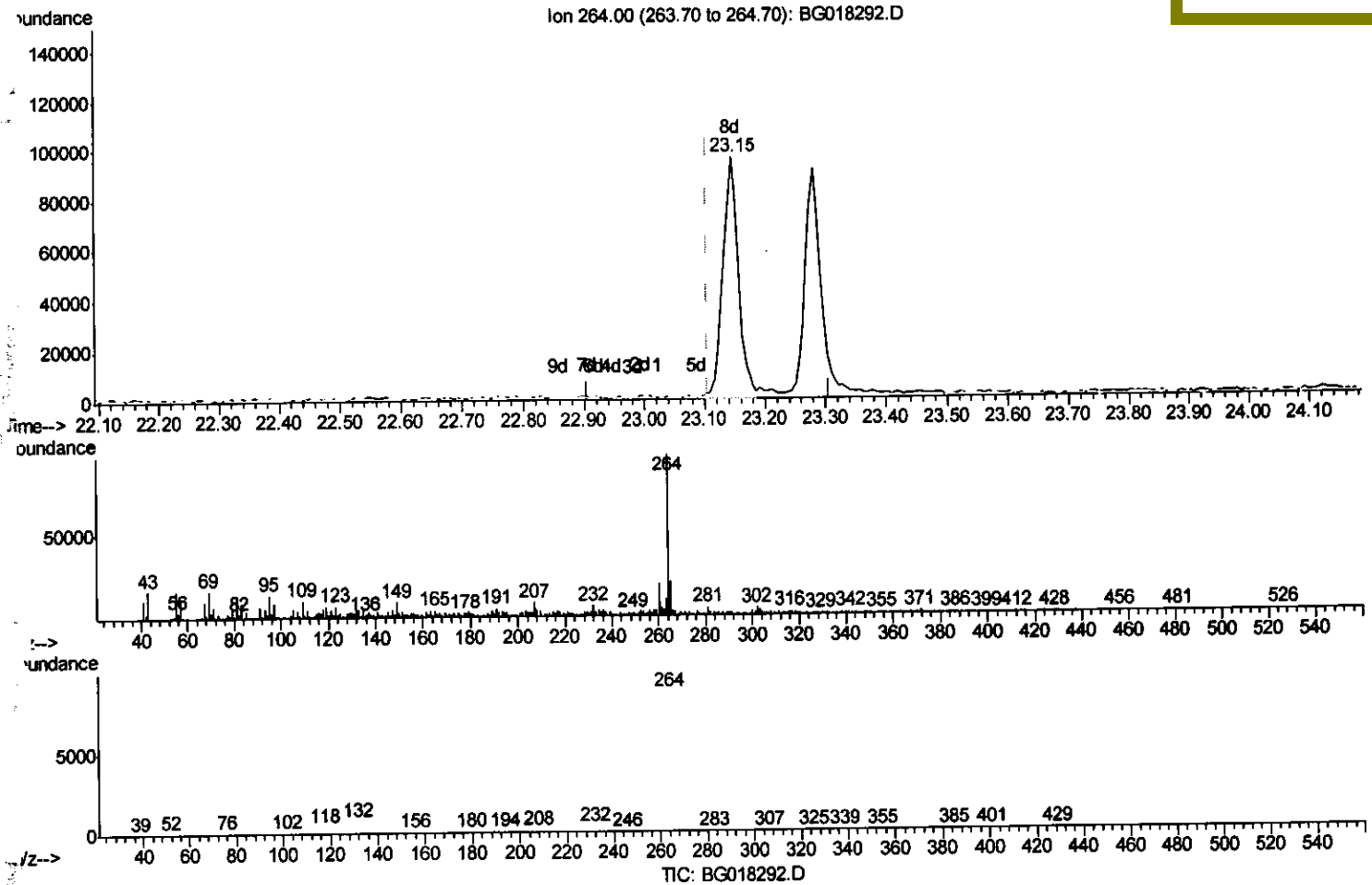
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
 Data File : BG018292.D
 Acq On : 6 Aug 2015 3:51
 Operator : UM/TP
 Sample : G3109-17RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01W7RE

Quant Time: Aug 06 05:06:30 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 Integration
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(90) Benzo(a)pyrene-d12 (S)

23.145min (+0.040) 21.35ng/ul m

response 174425

T.P
 8/8/15

Ion	Exp%	Act%
264.00	100	100
132.00	6.80	7.01
118.00	4.30	5.45#
0.00	0.00	0.00

Quantitation Report (Qedit)

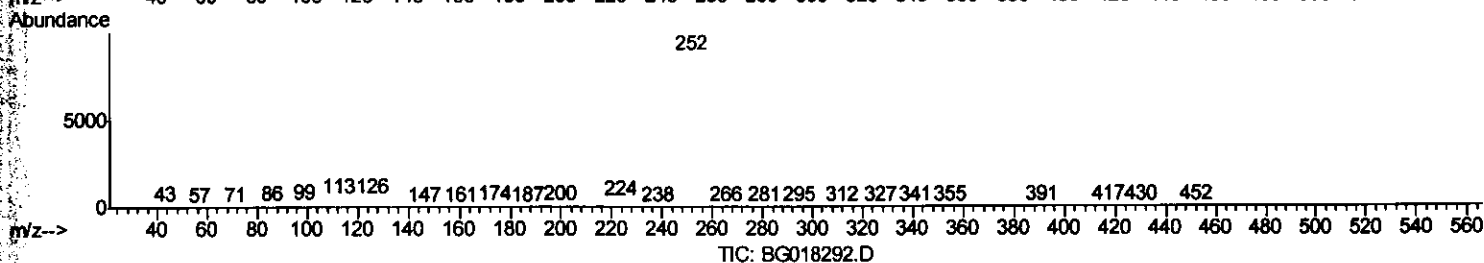
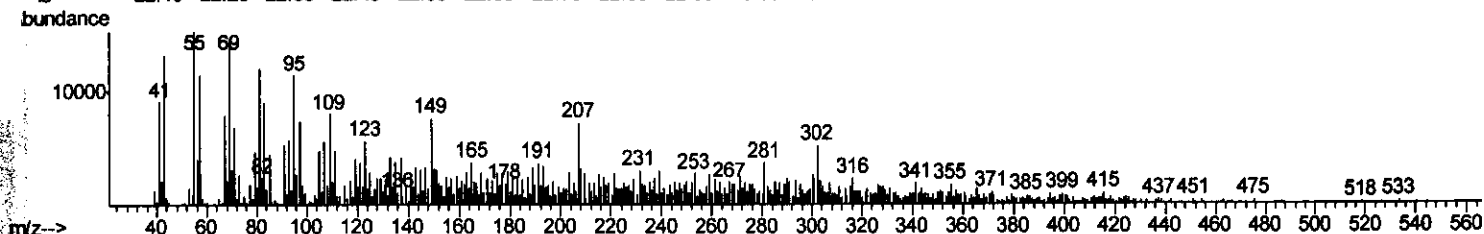
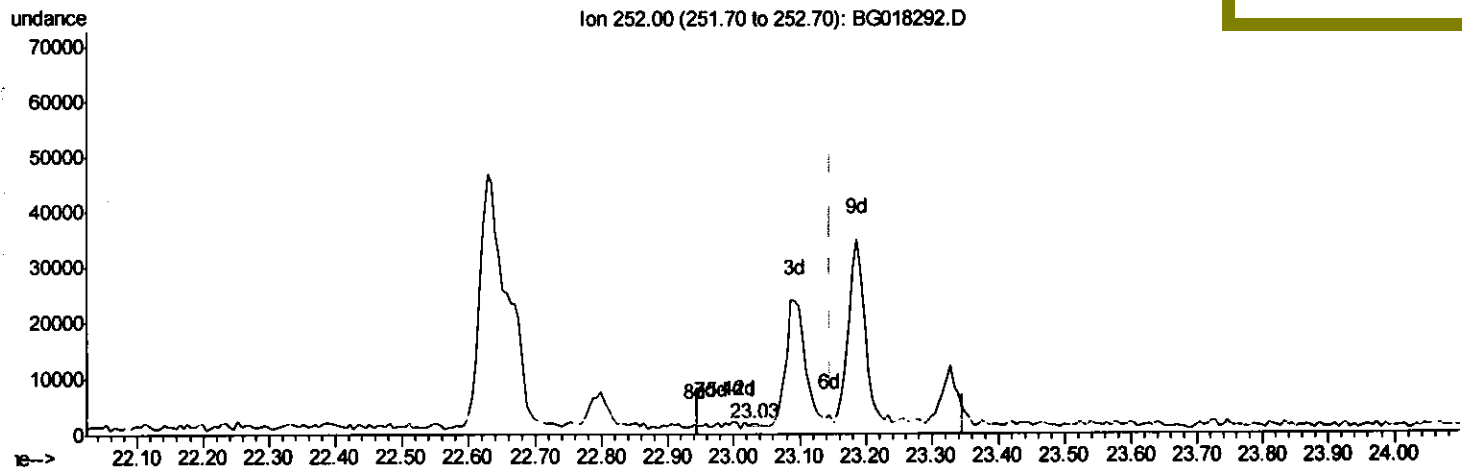
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
 Data File : BG018292.D
 Acq On : 6 Aug 2015 3:51
 Operator : UM/TP
 Sample : G3109-17RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual Integrations
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(91) Benzo(a)pyrene (C)

23.028min (-0.119) 0.04ng/ul

response 309

Ion	Exp%	Act%
252.00	100	100
253.00	23.60	139.66#
125.00	4.00	146.94#
0.00	0.00	0.00

Quantitation Report (Qedit)

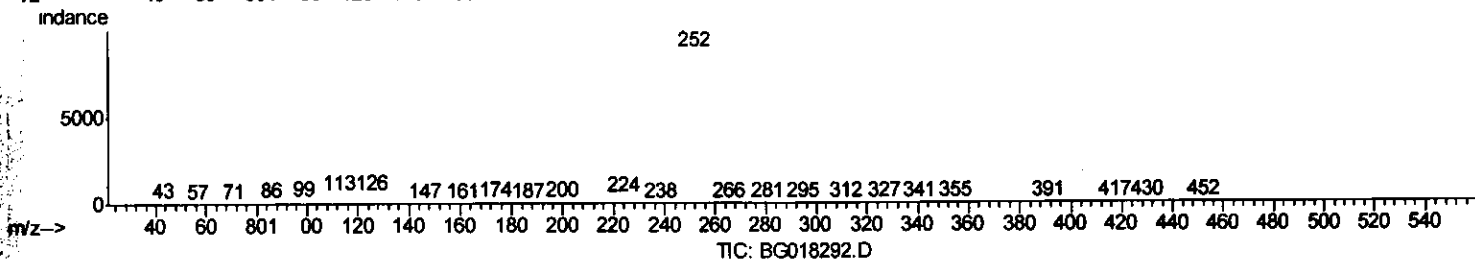
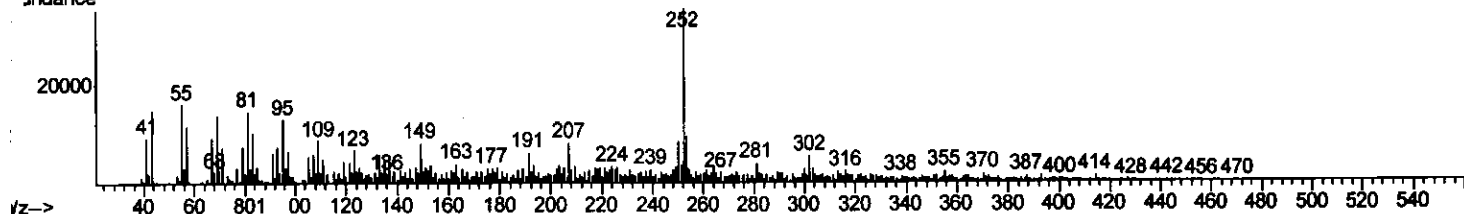
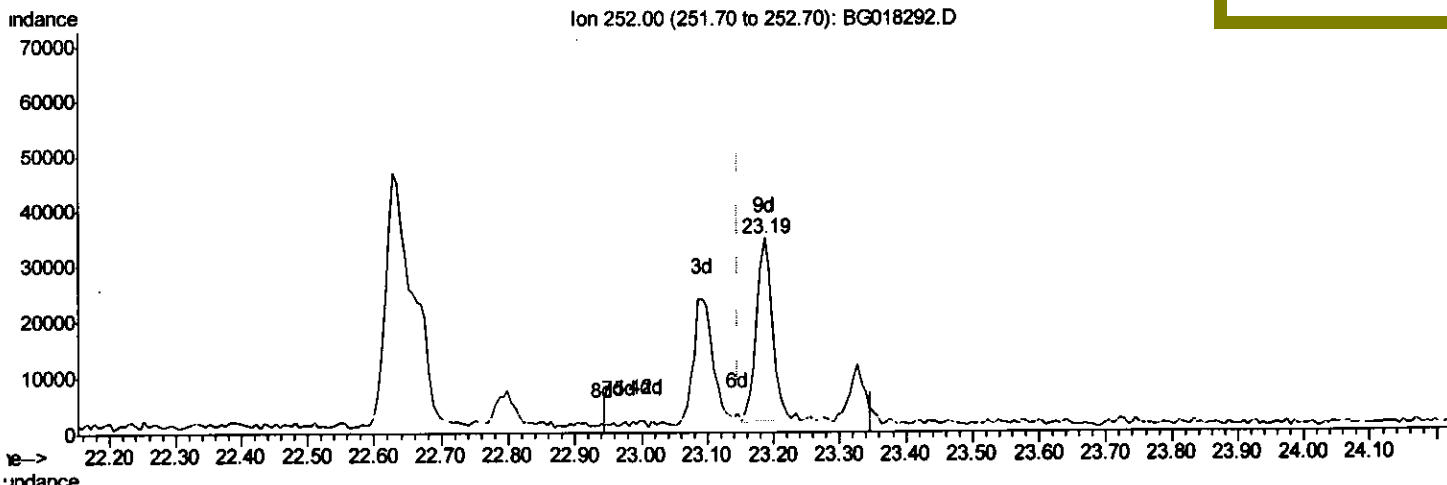
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
 Data File : BG018292.D
 Acq On : 6 Aug 2015 3:51
 Operator : UM/TP
 Sample : G3109-17RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01W7RE

Quant Time: Aug 06 05:06:30 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
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(91) Benzo(a)pyrene (C)

23.186min (+0.040) 6.52ng/ul m

response 54853

T.P
8/8/15

Ion	Exp%	Act%
252.00	100	100
253.00	23.60	26.87
125.00	4.00	9.55#
0.00	0.00	0.00

Quantitation Report (Qedit)

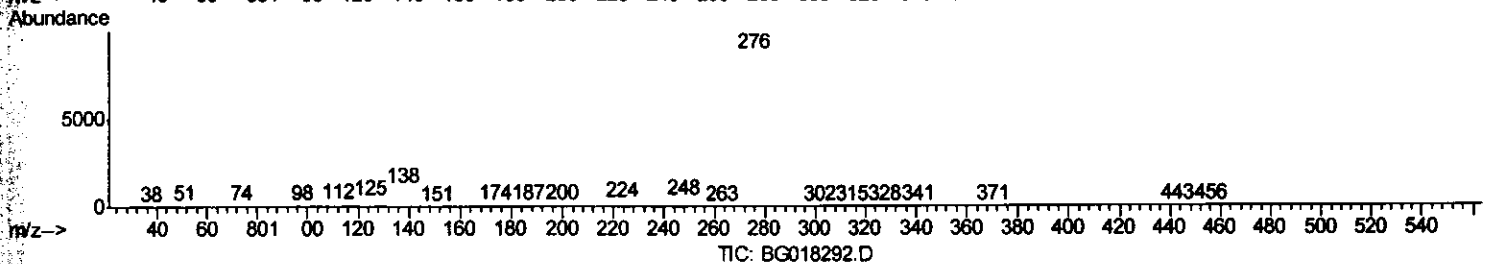
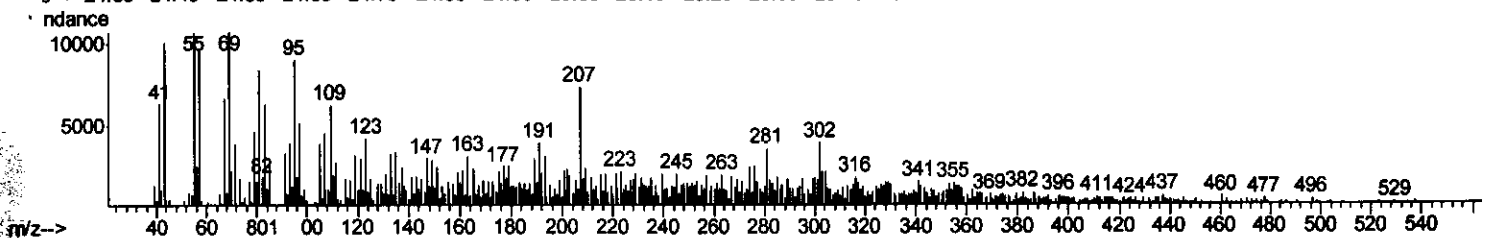
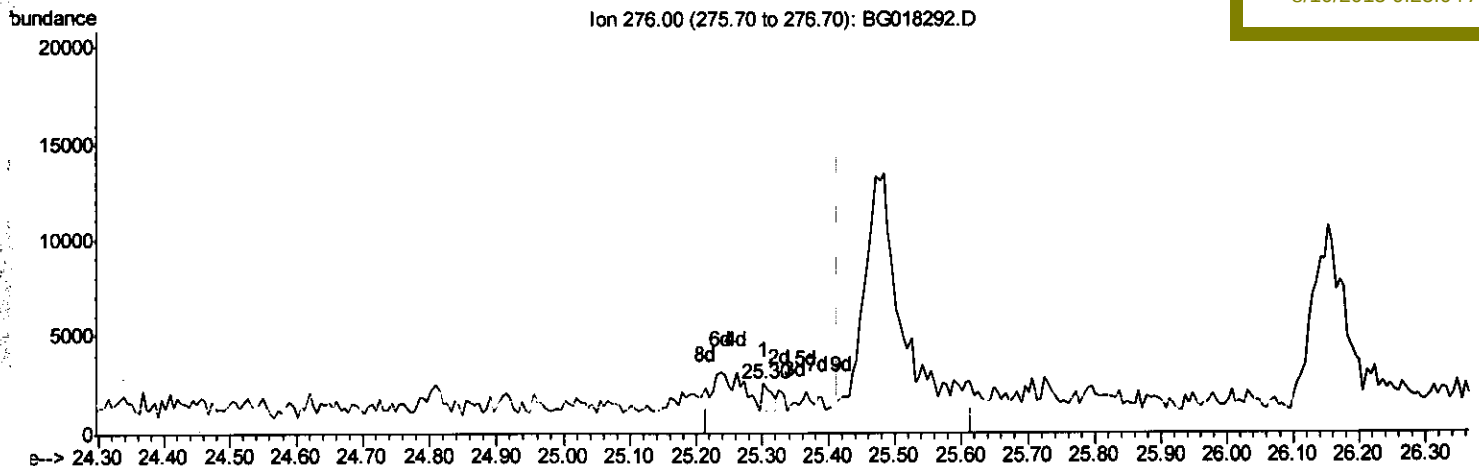
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
 Data File : BG018292.D
 Acq On : 6 Aug 2015 3:51
 Operator : UM/TP
 Sample : G3109-17RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Time: Aug 06 05:06:30 2015
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 Quant Title : SVOA CALIBRATION
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Manual Integrations
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(92) Indeno(1,2,3-cd)pyrene

25.302min (-0.113) 0.14ng/ul

response 1423

Ion	Exp%	Act%
276.00	100	100
138.00	10.30	51.12#
277.00	25.10	61.65#
0.00	0.00	0.00

Quantitation Report (Qedit)

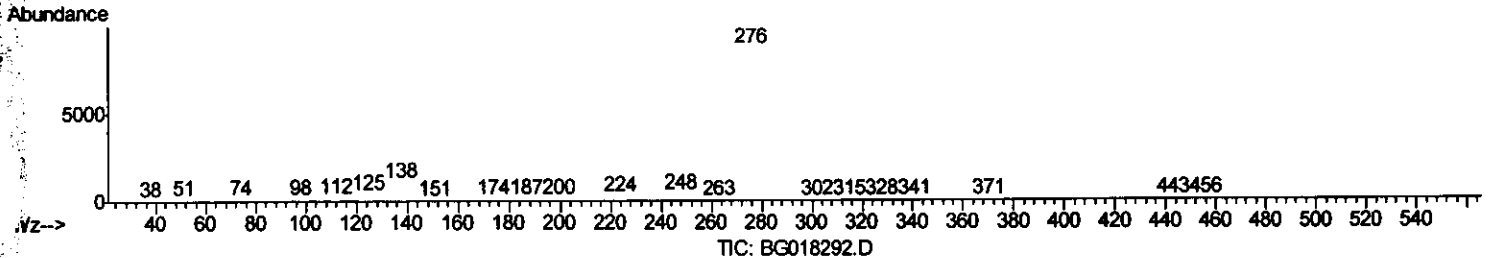
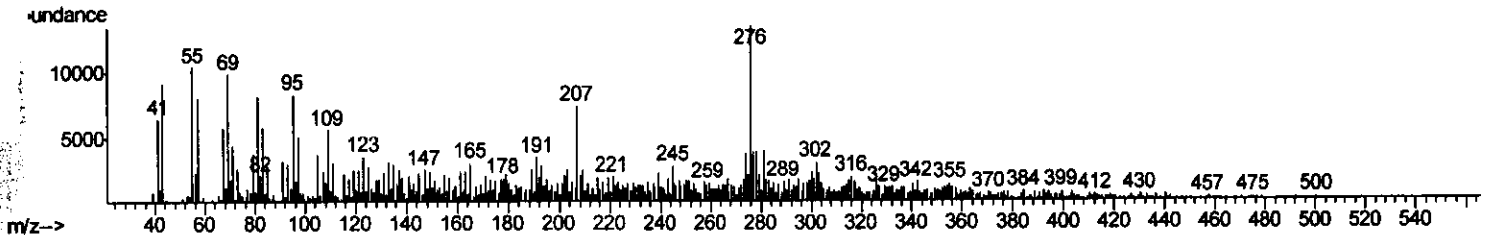
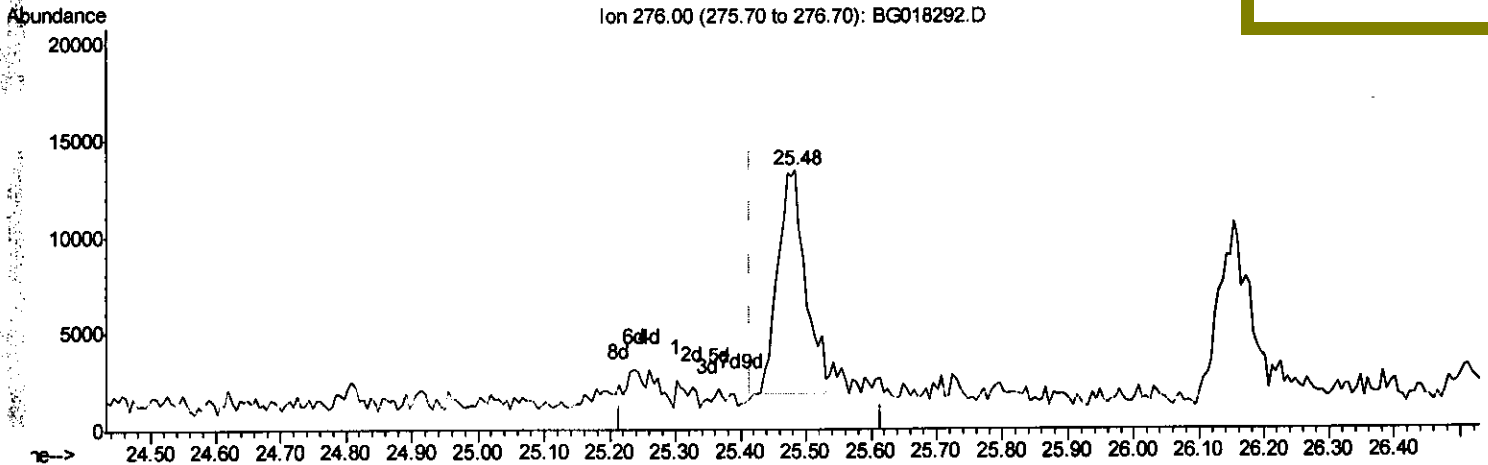
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
 Data File : BG018292.D
 Acq On : 6 Aug 2015 3:51
 Operator : UM/TP
 Sample : G3109-17RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01W7RE

Quant Time: Aug 06 05:06:30 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
 Quant Title : SVOA CALIBRATION
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Manual Integrations
 APPROVED

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

25.484min (+0.069) 3.26ng/ul m

response 33912

Ion	Exp%	Act%
276.00	100	100
138.00	10.30	14.51#
277.00	25.10	29.23
0.00	0.00	0.00

T.P
 8/8/15

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
 Data File : BG018292.D
 Acq On : 6 Aug 2015 3:51
 Operator : UM/TP
 Sample : G3109-17RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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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	7.44	152	47140	20.00	ng/ul	0.01
18) Naphthalene-d8	10.23	136	209354	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.13	164	123120	20.00	ng/ul	0.01
62) Phenanthrene-d10	16.89	188	207920	20.00	ng/ul	0.02
78) Chrysene-d12	21.11	240	149399	20.00	ng/ul	0.02
86) Perylene-d12	23.28	264	157047m	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.91	96	1983	3.63	ng/uL	0.00
5) Phenol-d5	6.65	99	74694	20.15	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.78	67	41124	22.95	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	66636	21.59	ng/ul	0.01
13) 4-Methylphenol-d8	8.18	113	50455	16.12	ng/ul	0.01
19) Nitrobenzene-d5	8.60	128	34847	21.50	ng/ul	0.02
22) 2-Nitrophenol-d4	9.32	143	39469	21.05	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	9.87	165	68941	20.00	ng/ul	0.02
29) 4-Chloroaniline-d4	10.38	131	31181	7.55	ng/ul	0.02
44) Dimethylphthalate-d6	13.54	166	219005	23.00	ng/ul	0.02
47) Acenaphthylene-d8	13.82	160	236092	21.86	ng/ul	0.01
52) 4-Nitrophenol-d4	14.40	143	17101	10.89	ng/ul	0.03
58) Fluorene-d10	15.13	176	177948	20.80	ng/ul	0.02
63) 4,6-Dinitro-2-methylphenol	15.28	200	2365	1.64	ng/ul	0.02
71) Anthracene-d10	16.99	188	202875	22.18	ng/ul	0.02
79) Pyrene-d10	19.30	212	136685	16.35	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.15	264	174425m	21.35	ng/ul	0.04

Target Compounds

					Qvalue
45) Dimethylphthalate	13.59	163	80241	8.45 ng/ul	99
50) Acenaphthene	14.19	153	12691	1.76 ng/ul	93
59) Fluorene	15.18	166	14927	1.60 ng/ul	94
70) Phenanthrene	16.93	178	130824	12.47 ng/ul	97
72) Anthracene	17.02	178	26945m	2.57 ng/ul	
75) Carbazole	17.30	167	10220	1.16 ng/ul#	89
76) Di-n-butylphthalate	17.87	149	47901	3.87 ng/ul#	96
77) Fluoranthene	18.97	202	144032	12.38 ng/ul#	95
80) Pyrene	19.33	202	127217	12.25 ng/ul#	94
81) Butylbenzylphthalate	20.24	149	40938	10.16 ng/ul#	85
83) Benzo(a)anthracene	21.09	228	53233	6.75 ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.04	149	2097226	432.55 ng/ul#	64
85) Chrysene	21.14	228	60526	8.54 ng/ul	94
88) Benzo(b)fluoranthene	22.63	252	91149m	9.46 ng/ul	
89) Benzo(k)fluoranthene	22.65	252	35683m	3.86 ng/ul	
91) Benzo(a)pyrene	23.19	252	54853m	6.52 ng/ul	
92) Indeno(1,2,3-cd)pyrene	25.48	276	33912m	3.26 ng/ul	

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