

Quantitation Report (Qedit)

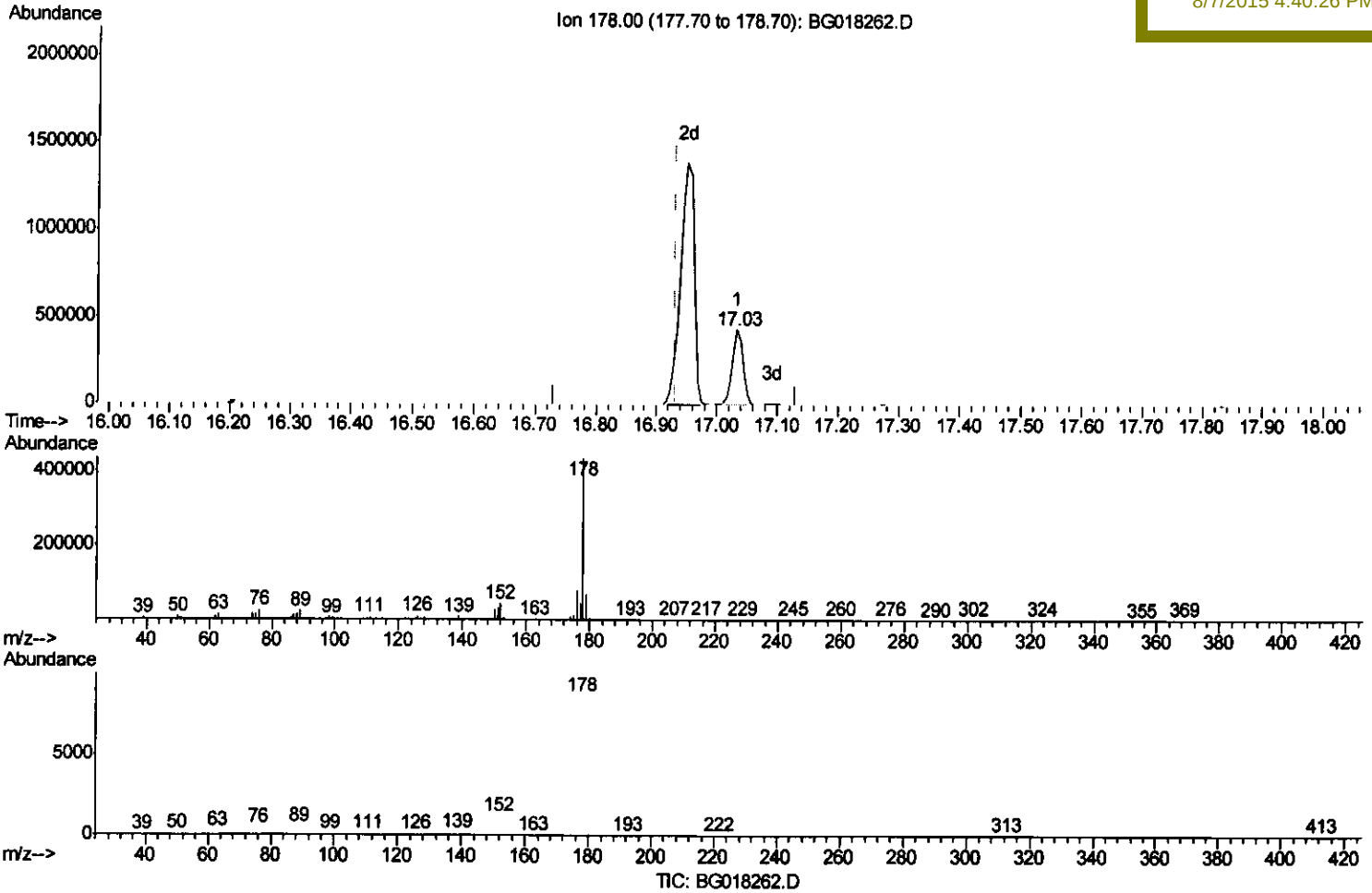
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
 Data File : BG018262.D
 Acq On : 4 Aug 2015 20:40
 Operator : UM/TP
 Sample : G3109-15
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 05 02:30:06 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 :
 C01W3

Manual Integrations
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(70) Phenanthrene

17.033min (+0.103) 76.12ng/ul

response 550201

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	15.47
176.00	20.00	18.21
0.00	0.00	0.00

Quantitation Report (Qedit)

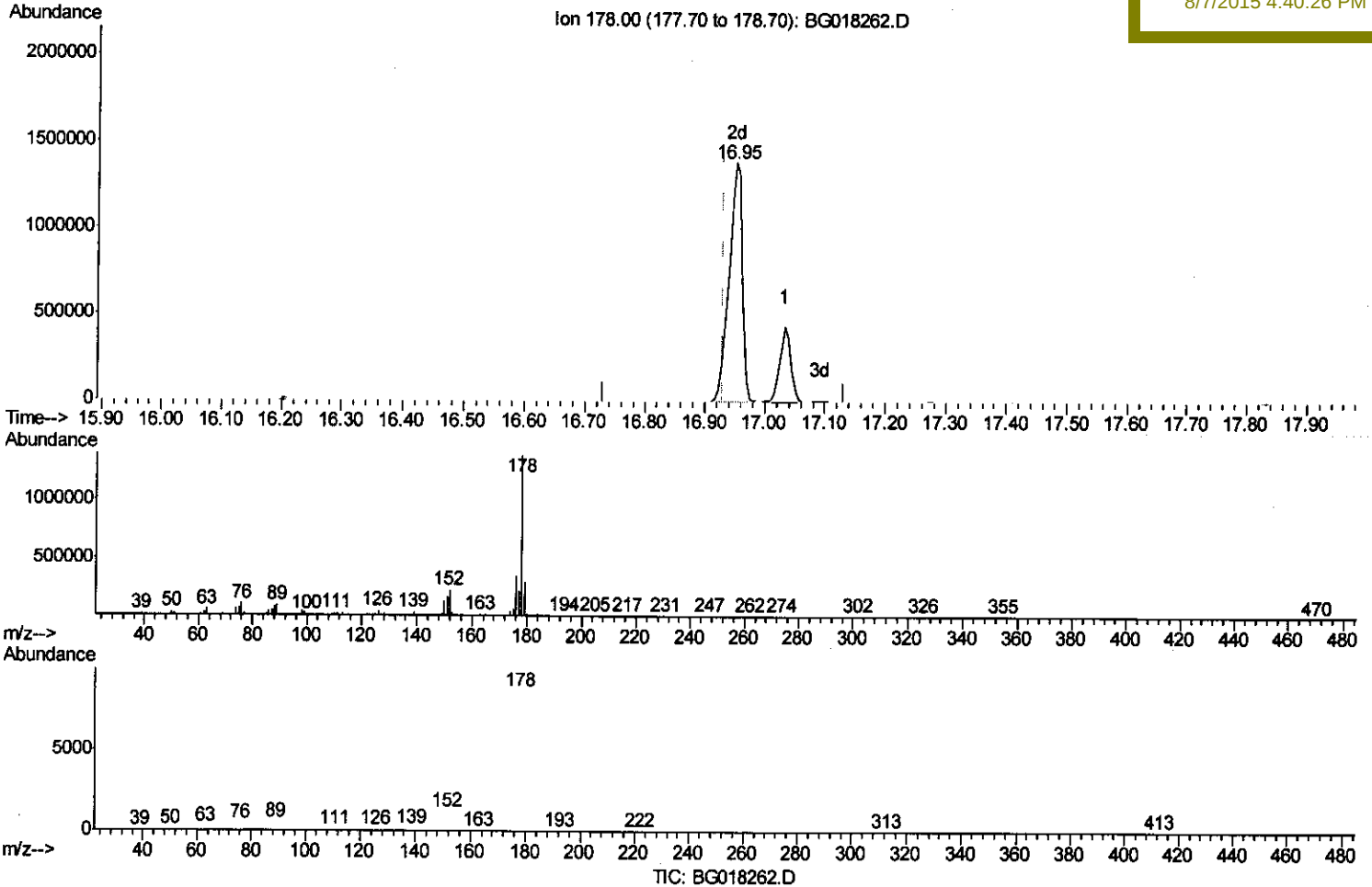
Data Path : Z:\HPCHEM1\BNA_G\Data\BG080415\
 Data File : BG018262.D
 Acq On : 4 Aug 2015 20:40
 Operator : UM/TP
 Sample : G3109-15
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01W3

Quant Time: Aug 05 04:11:49 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
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(70) Phenanthrene

16.951min (+0.020) 301.41ng/ul m

response 2178727

Ion Exp% Act%

178.00 100 100

179.00 16.00 20.99#

176.00 20.00 24.72#

0.00 0.00 0.00

T.P
 8/7/15

Quantitation Report (Qedit)

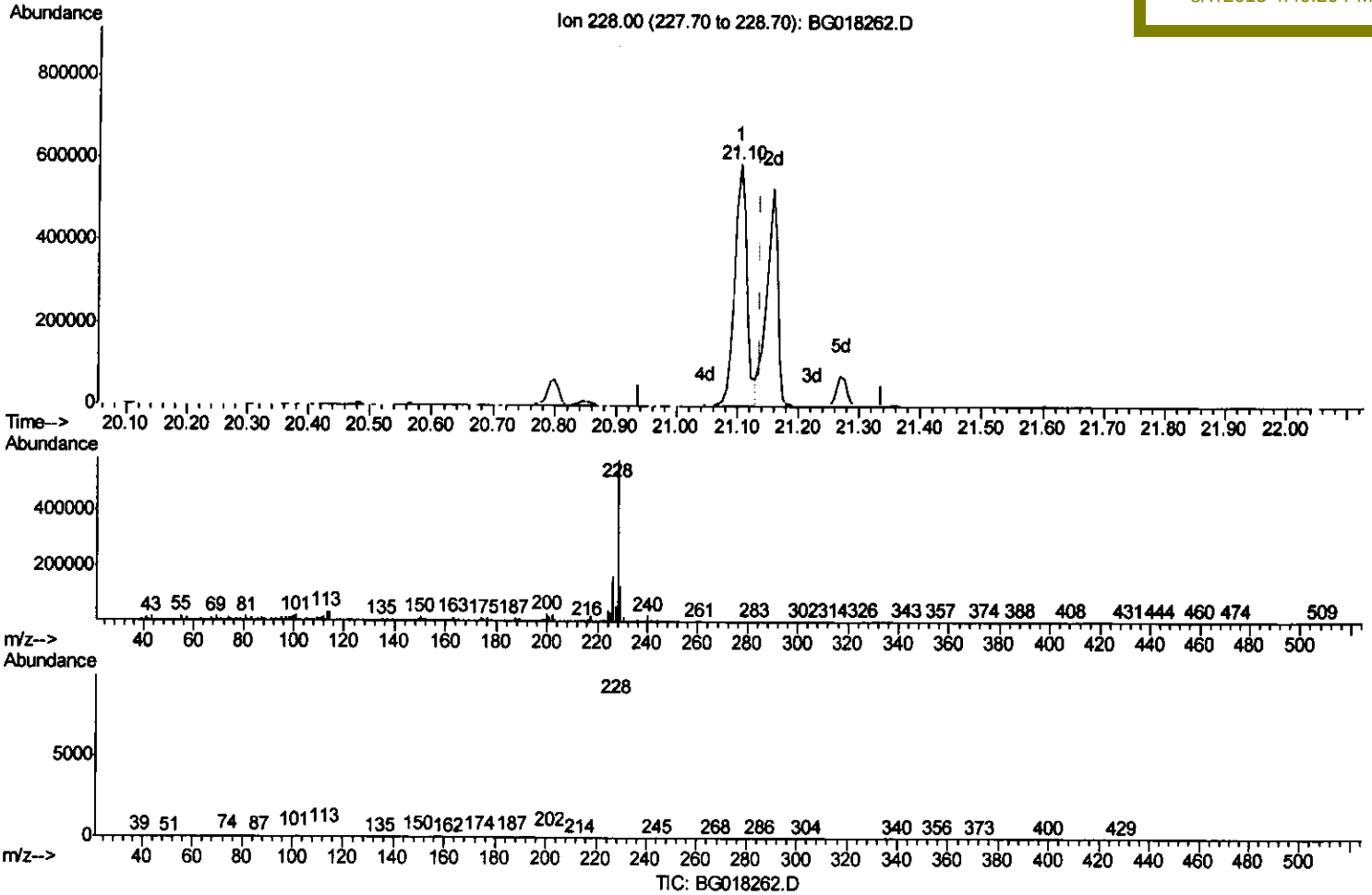
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
 Data File : BG018262.D
 Acq On : 4 Aug 2015 20:40
 Operator : UM/TP
 Sample : G3109-15
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(85) Chrysene

21.105min (-0.033) 131.23ng/ui

response 818857

Ion	Exp%	Act%
228.00	100	100
226.00	28.40	28.32
229.00	20.20	21.79
0.00	0.00	0.00

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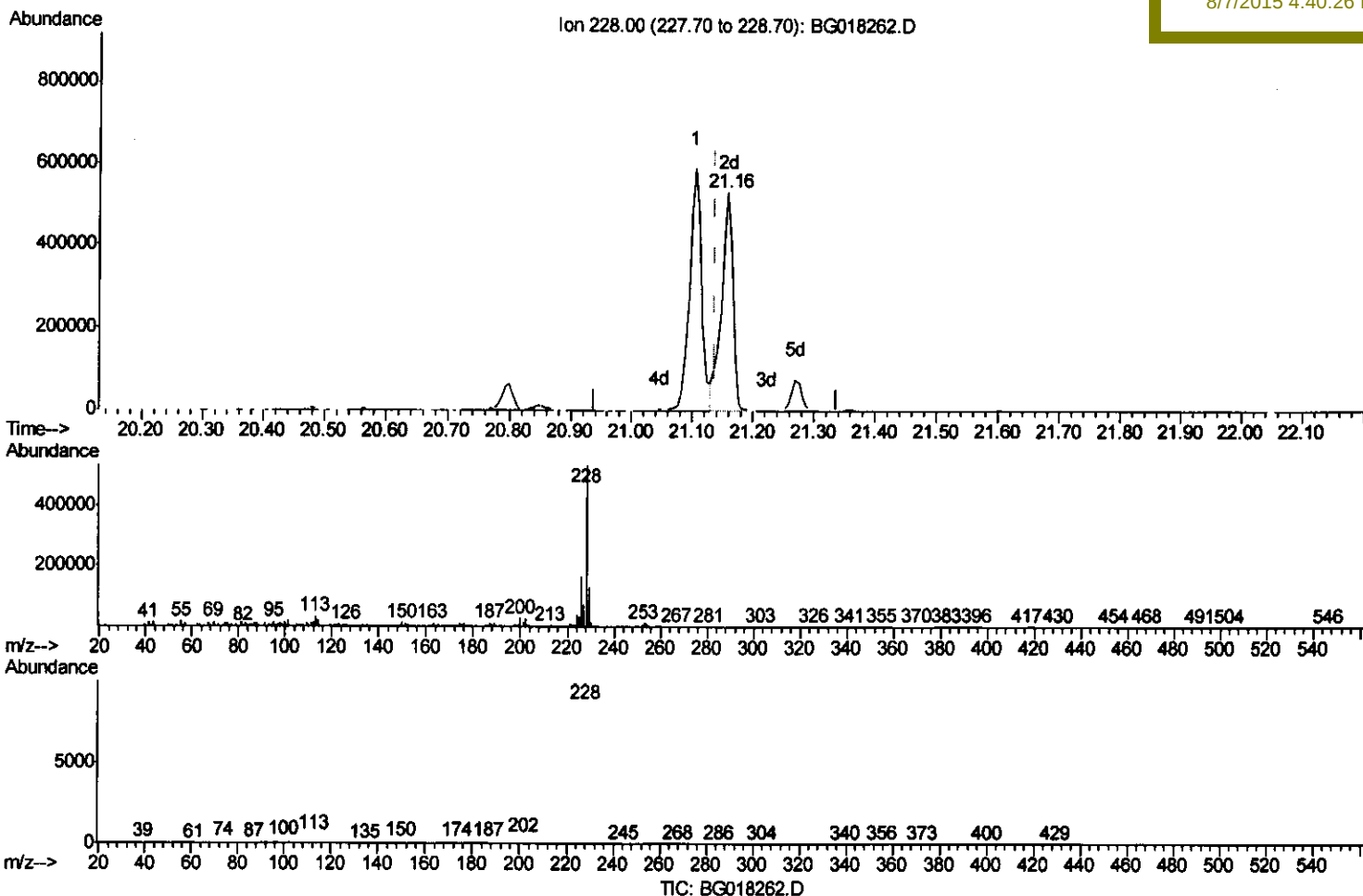
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018262.D
Acq On : 4 Aug 2015 20:40
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(85) Chrysene

21.158min (+0.020) 111.73ng/ul m

response 697180

Ion	Exp%	Act%
228.00	100	100
226.00	28.40	30.89
229.00	20.20	24.59#
0.00	0.00	0.00

T.P
8/7/15

Quantitation Report (Qedit)

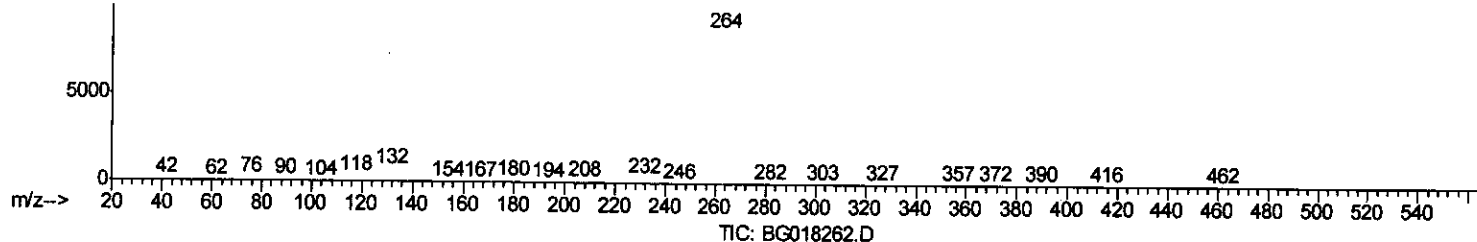
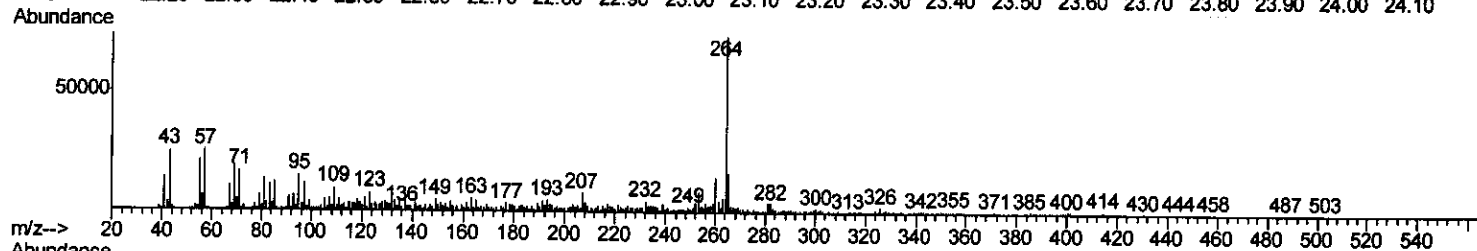
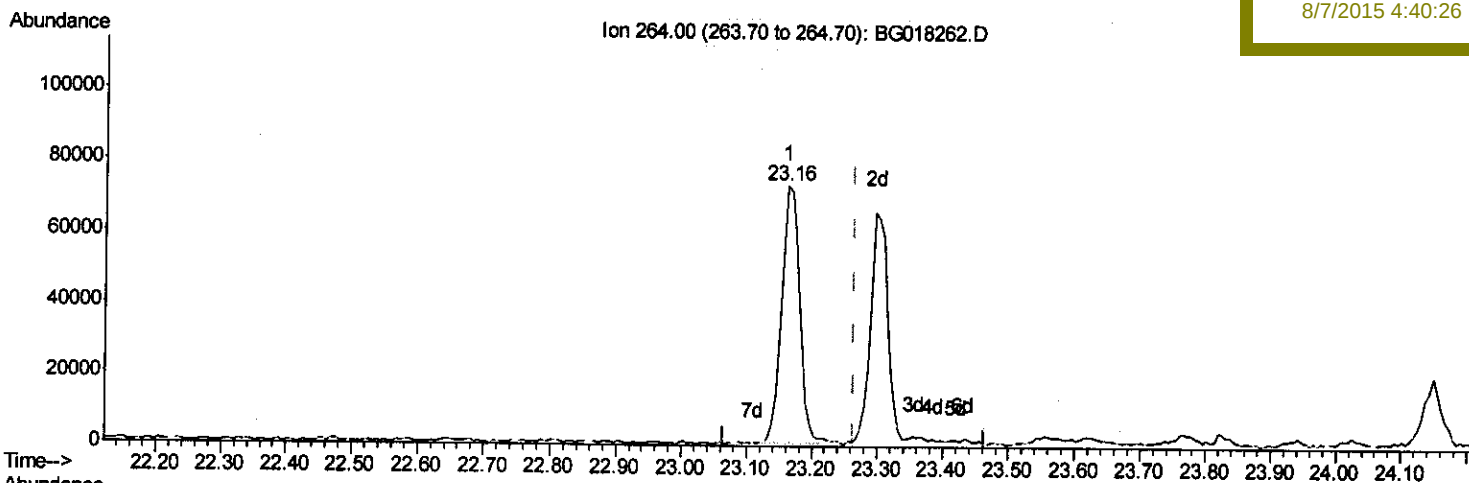
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
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(86) Perylene-d12 (I)

23.161min (-0.103) 20.00ng/ul

response 140169

Ion	Exp%	Act%
264.00	100	100
260.00	22.50	20.01
265.00	22.20	23.11
0.00	0.00	0.00

Quantitation Report (Qedit)

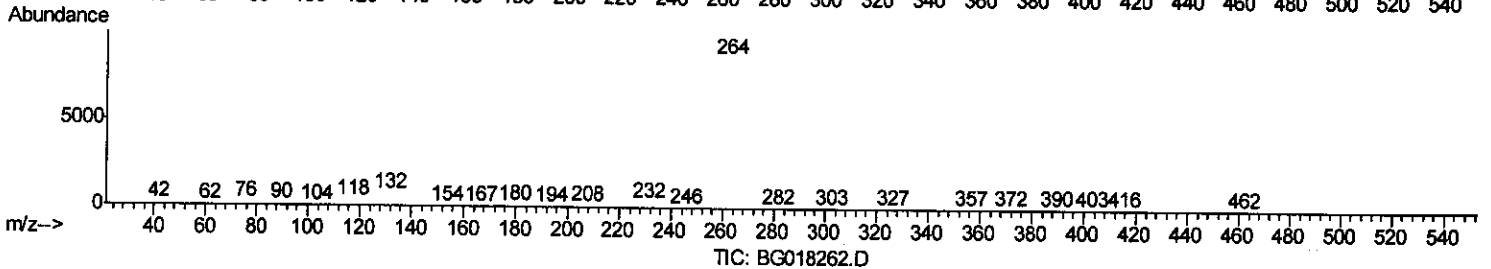
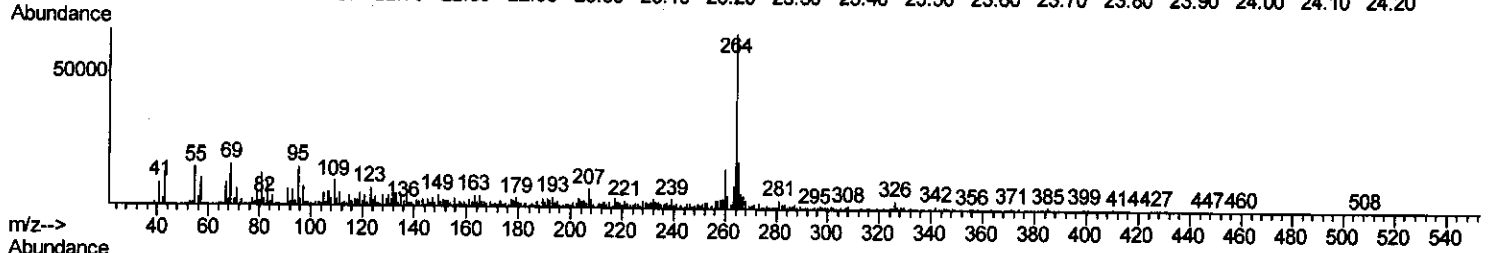
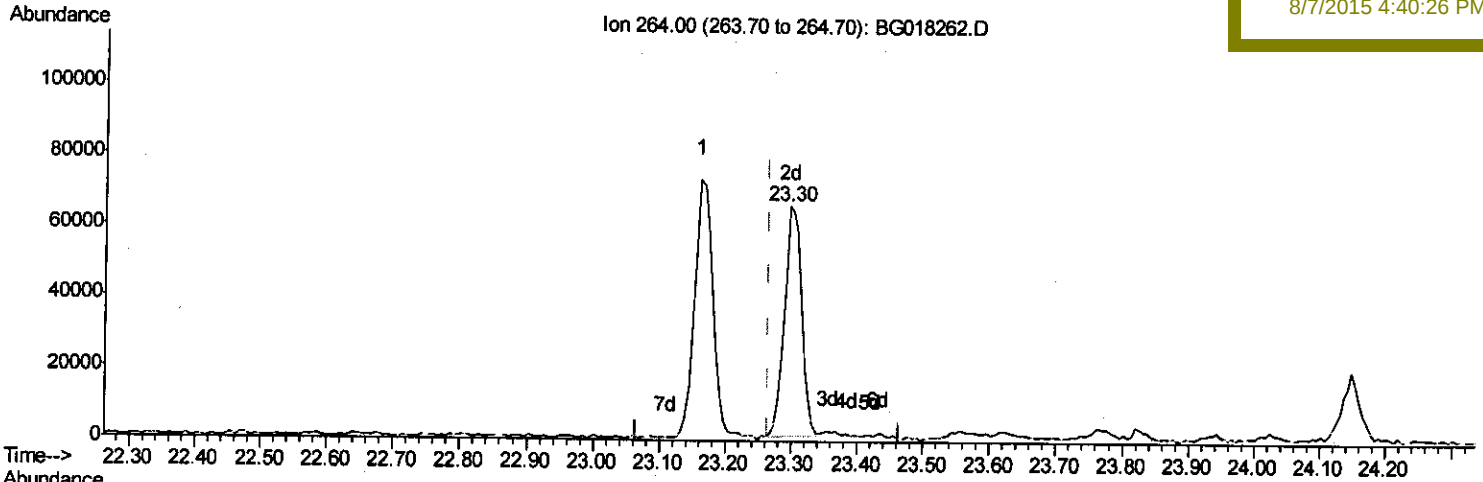
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
 Data File : BG018262.D
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 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
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(86) Perylene-d12 (I)

23.296min (+0.032) 20.00ng/ul m

response 117374

Ion	Exp%	Act%
264.00	100	100
260.00	22.50	22.59
265.00	22.20	26.84#
0.00	0.00	0.00

T.P
 8/7/15

Quantitation Report (Qedit)

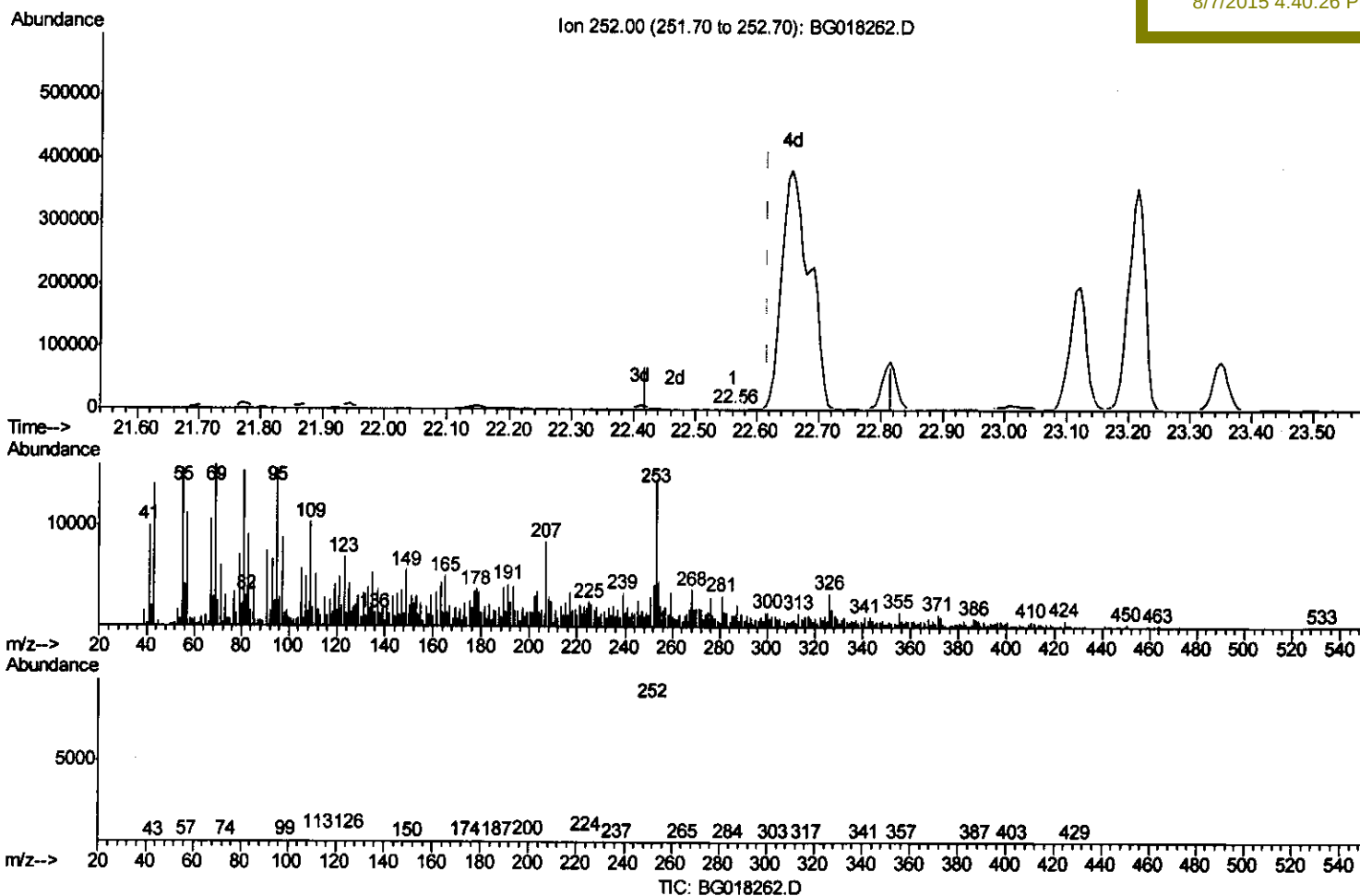
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018262.D
Acq On : 4 Aug 2015 20:40
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Sample : G3109-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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(88) Benzo(b)fluoranthene

22.562min (-0.056) 0.65ng/ul

response 4584

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	338.38#
125.00	9.20	103.22#
0.00	0.00	0.00

Quantitation Report (Qedit)

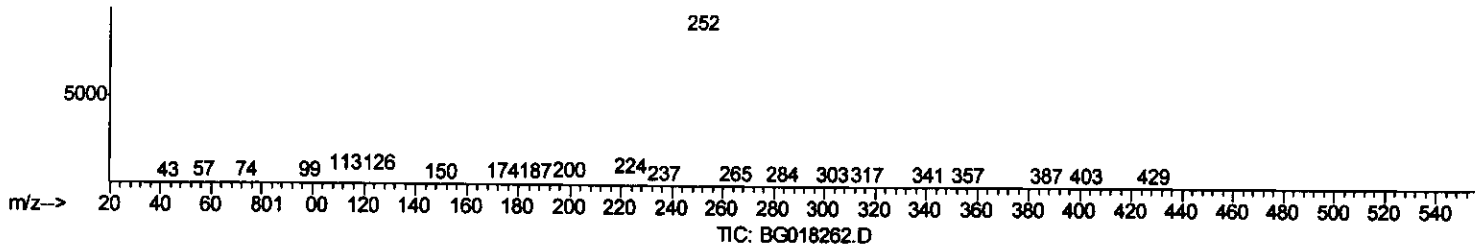
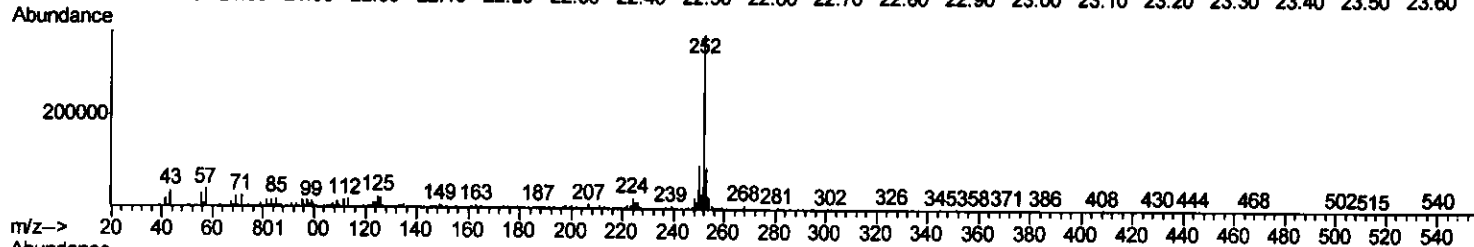
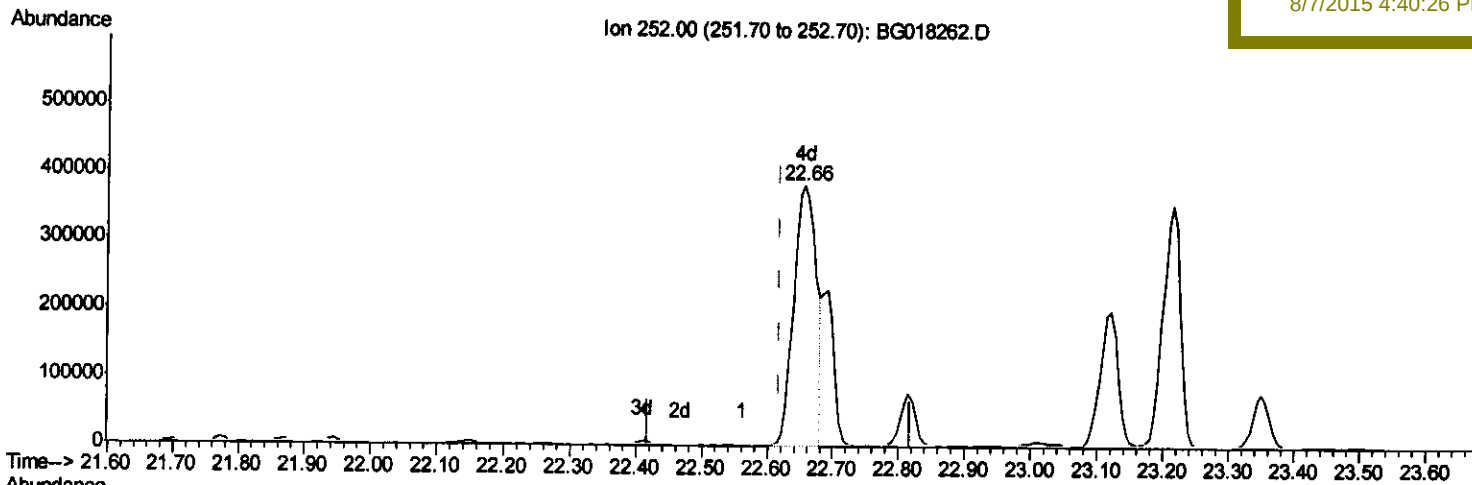
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
 Data File : BG018262.D
 Acq On : 4 Aug 2015 20:40
 Operator : UM/TP
 Sample : G3109-15
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01W3

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(88) Benzo(b)fluoranthene

22.656min (+0.038) 131.91ng/ul m

response 930128

T.P
 8/7/15

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	23.48
125.00	9.20	6.21#
0.00	0.00	0.00

Quantitation Report (Qedit)

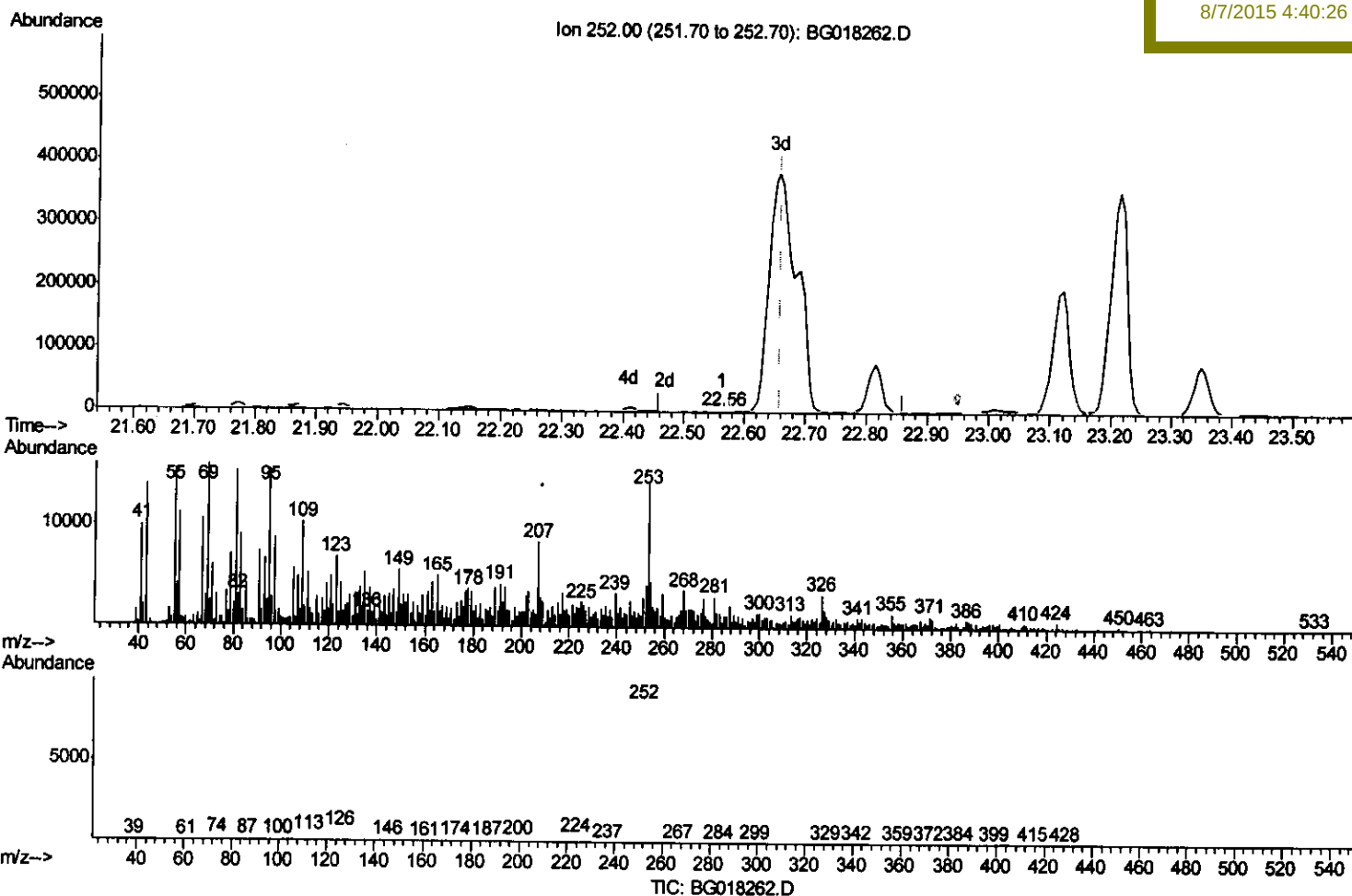
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018262.D
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Operator : UM/TP
Sample : G3109-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

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BNA_G
ClientSampleId :
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Manual Integrations
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(89) Benzo(k)fluoranthene

22.562min (-0.097) 0.71ng/ul

response 4584

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	338.38#
125.00	9.40	103.22#
0.00	0.00	0.00

Quantitation Report (Qedit)

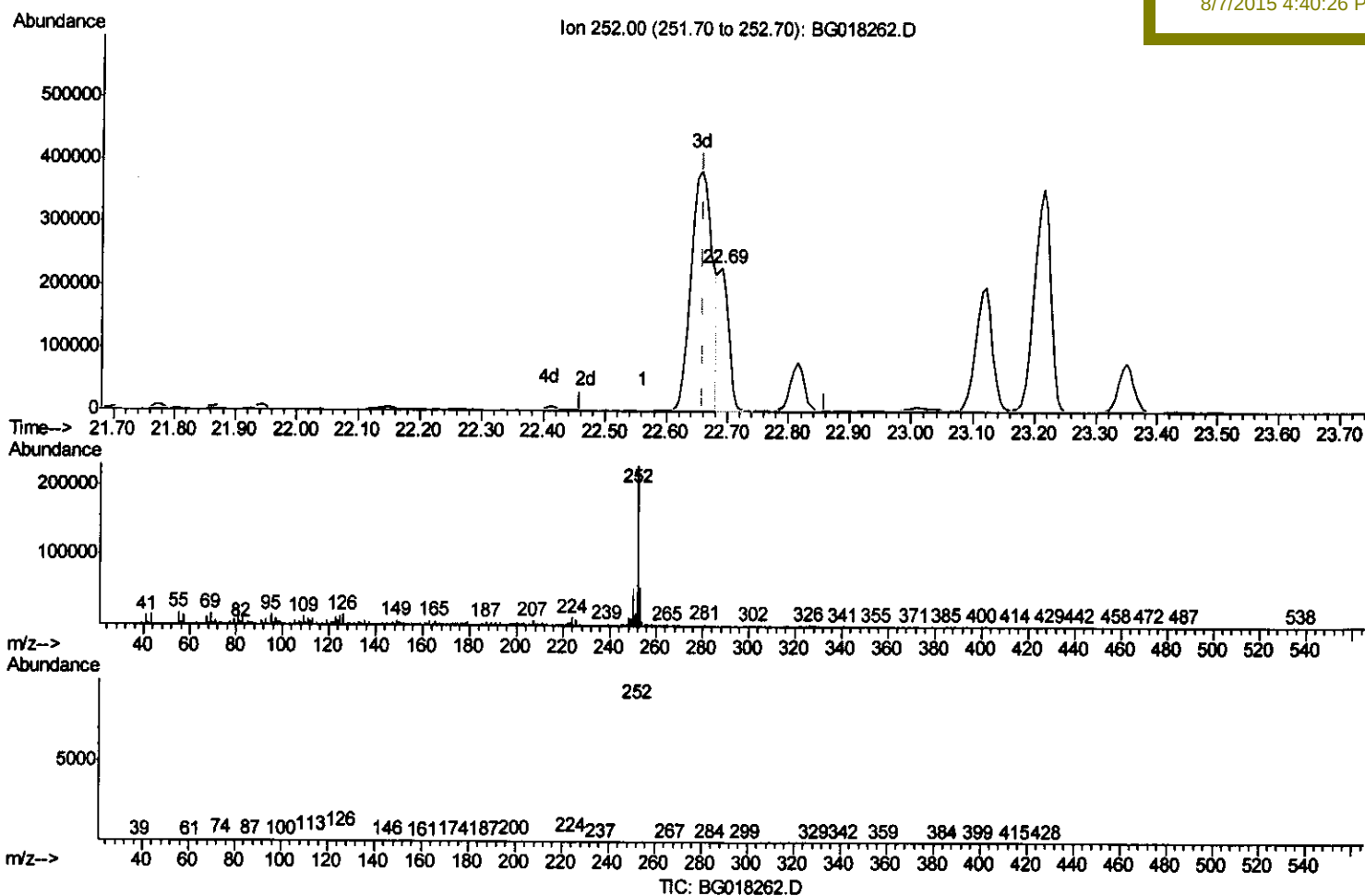
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018262.D
Acq On : 4 Aug 2015 20:40
Operator : UM/TP
Sample : G3109-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01W3

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(89) Benzo(k)fluoranthene

22.691min (+0.032) 44.24ng/ul m

response 286696

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	24.01
125.00	9.40	5.46#
0.00	0.00	0.00

T.P
8/7/15

Quantitation Report (Qedit)

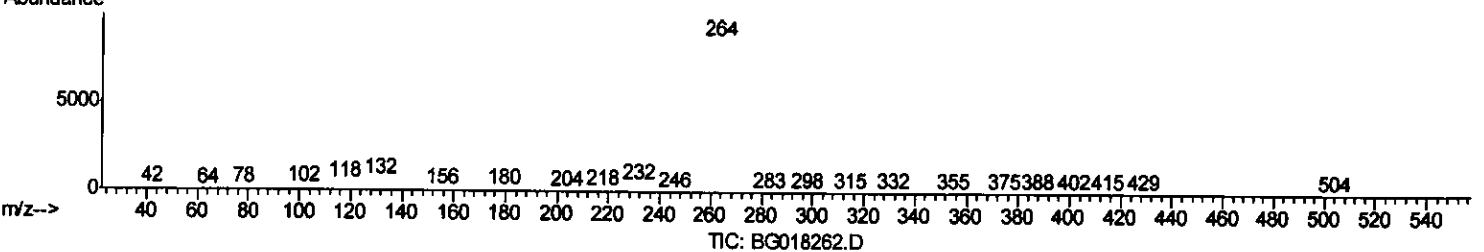
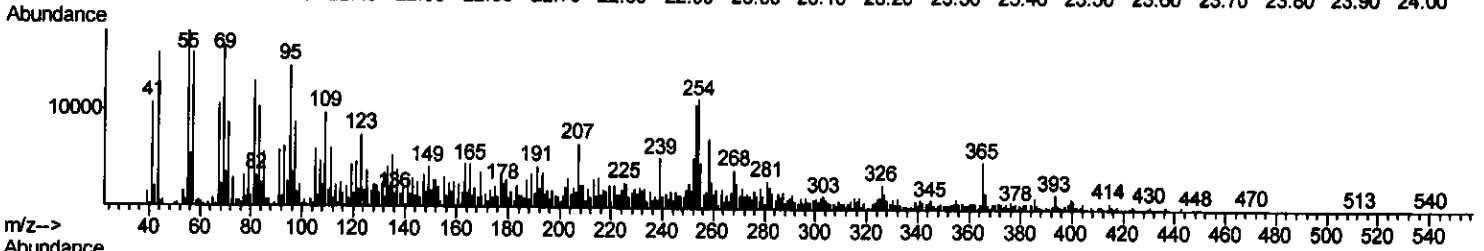
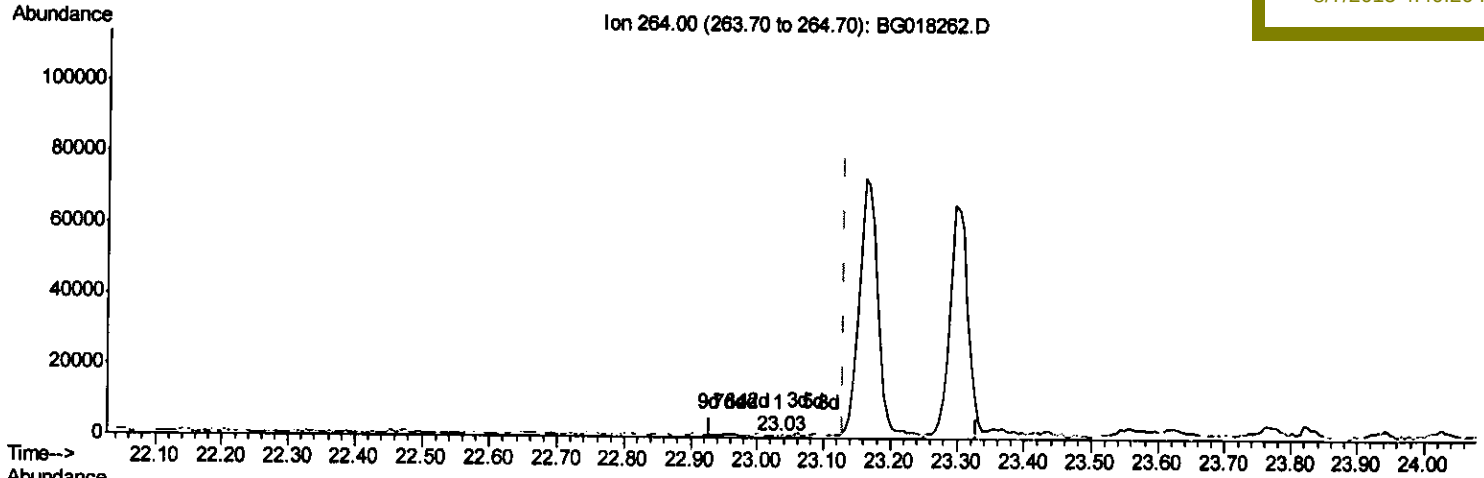
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
 Data File : BG018262.D
 Acq On : 4 Aug 2015 20:40
 Operator : UM/TP
 Sample : G3109-15
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01W3

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

23.032min (-0.097) 0.04ng/ul

response 215

Ion	Exp%	Act%
264.00	100	100
132.00	15.20	126.27#
118.00	7.60	105.70#
0.00	0.00	0.00

Quantitation Report (Qedit)

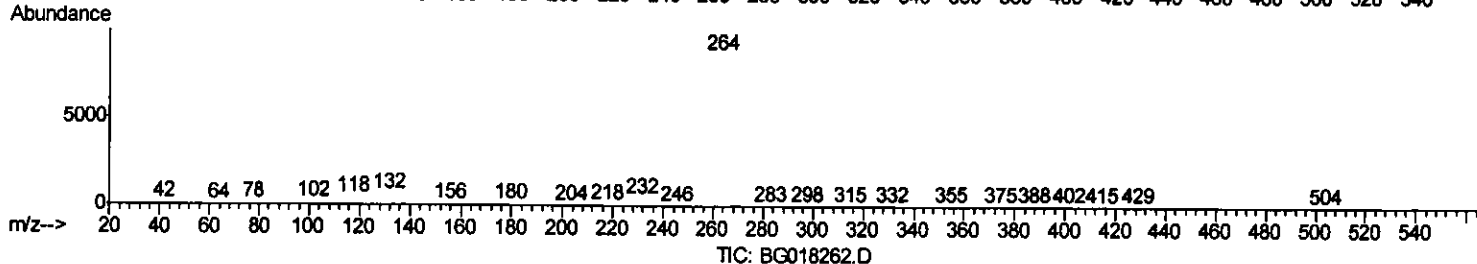
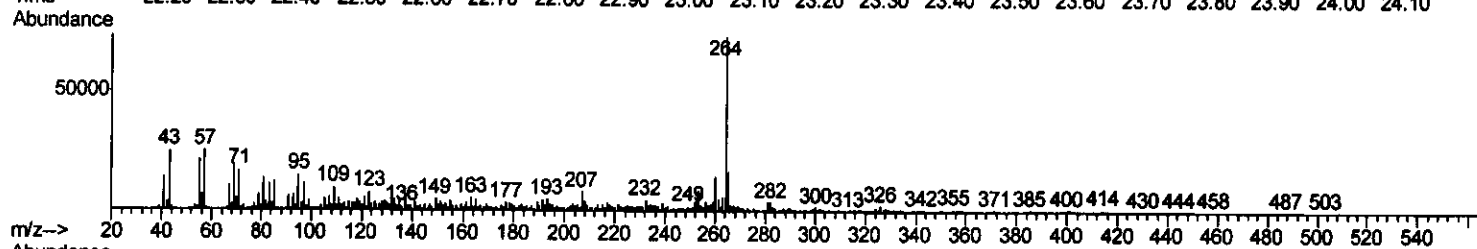
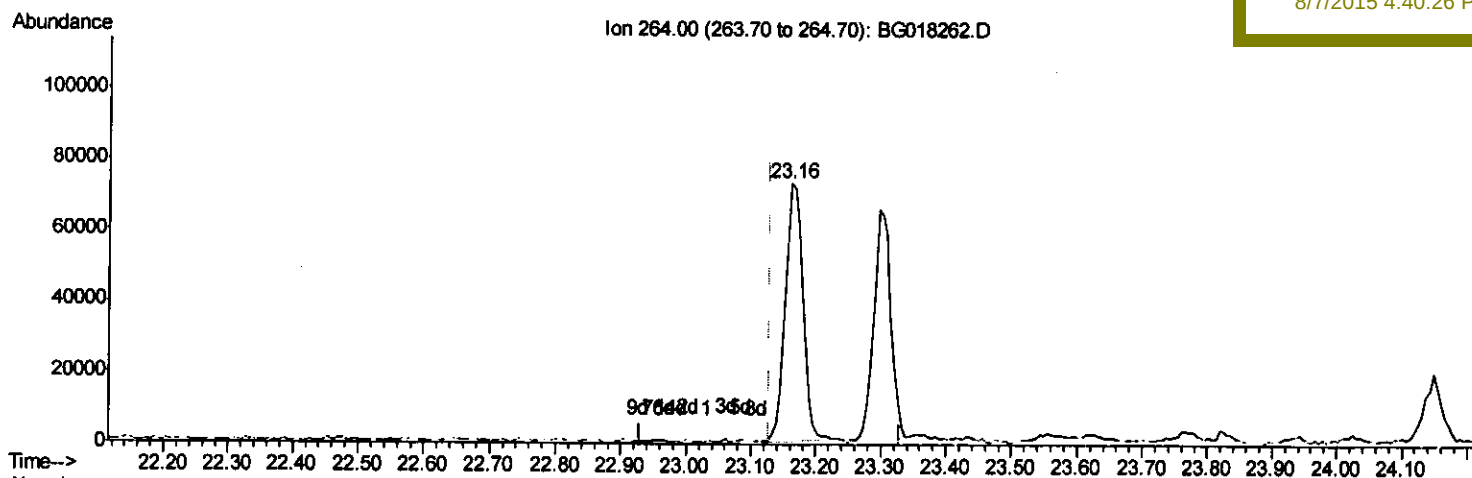
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018262.D
Acq On : 4 Aug 2015 20:40
Operator : UM/TP
Sample : G3109-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01W3

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

23.161min (+0.032) 23.55ng/ul m

response 139810

Ion	Exp%	Act%
264.00	100	100
132.00	15.20	9.08#
118.00	7.60	6.48
0.00	0.00	0.00

Quantitation Report (Qedit)

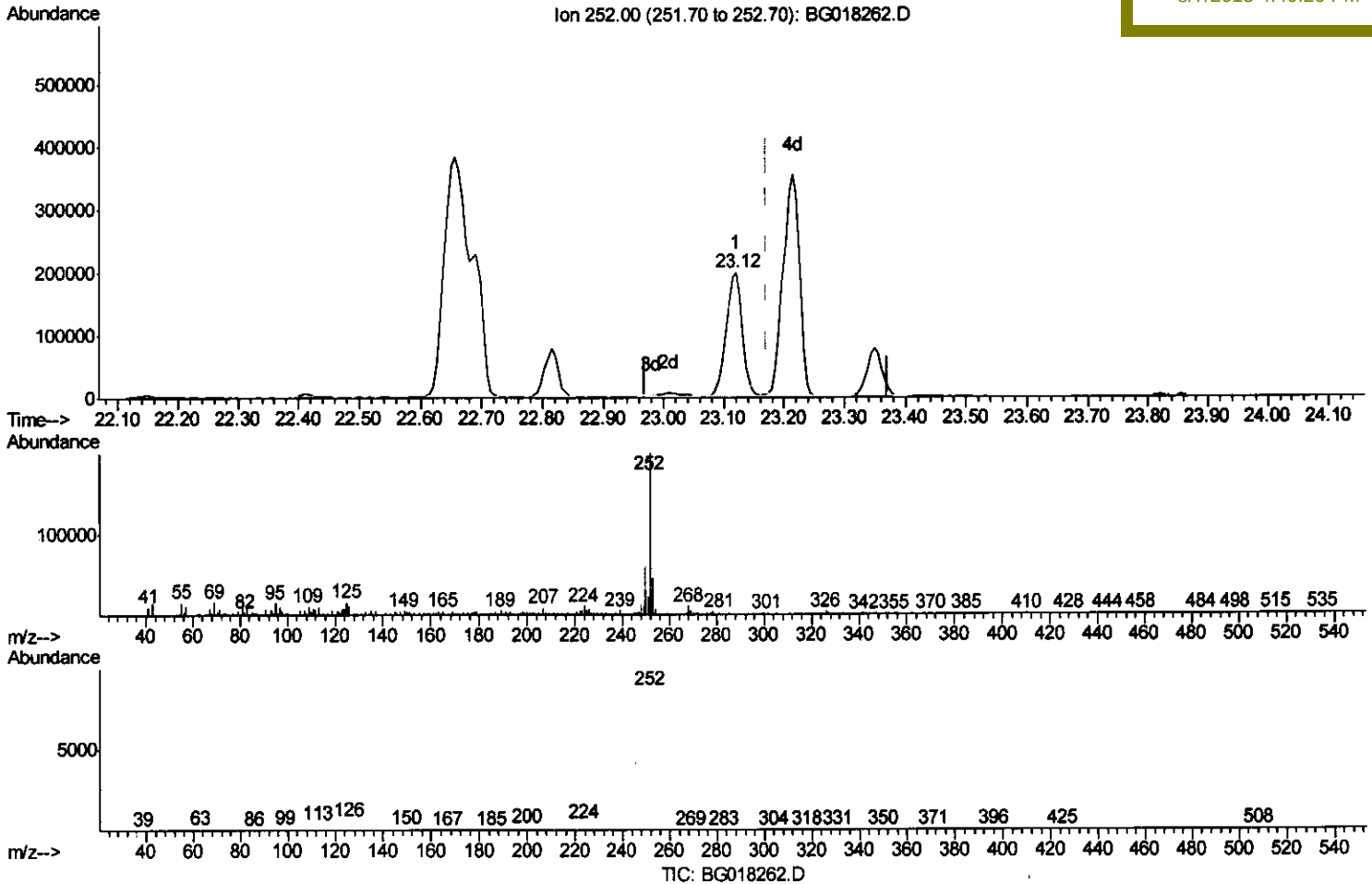
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018262.D
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Misc :
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Manual Integrations
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(91) Benzo(a)pyrene (C)

23.120min (-0.050) 58.61ng/ul

response 369757

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	22.59
125.00	9.10	7.76
0.00	0.00	0.00

Quantitation Report (Qedit)

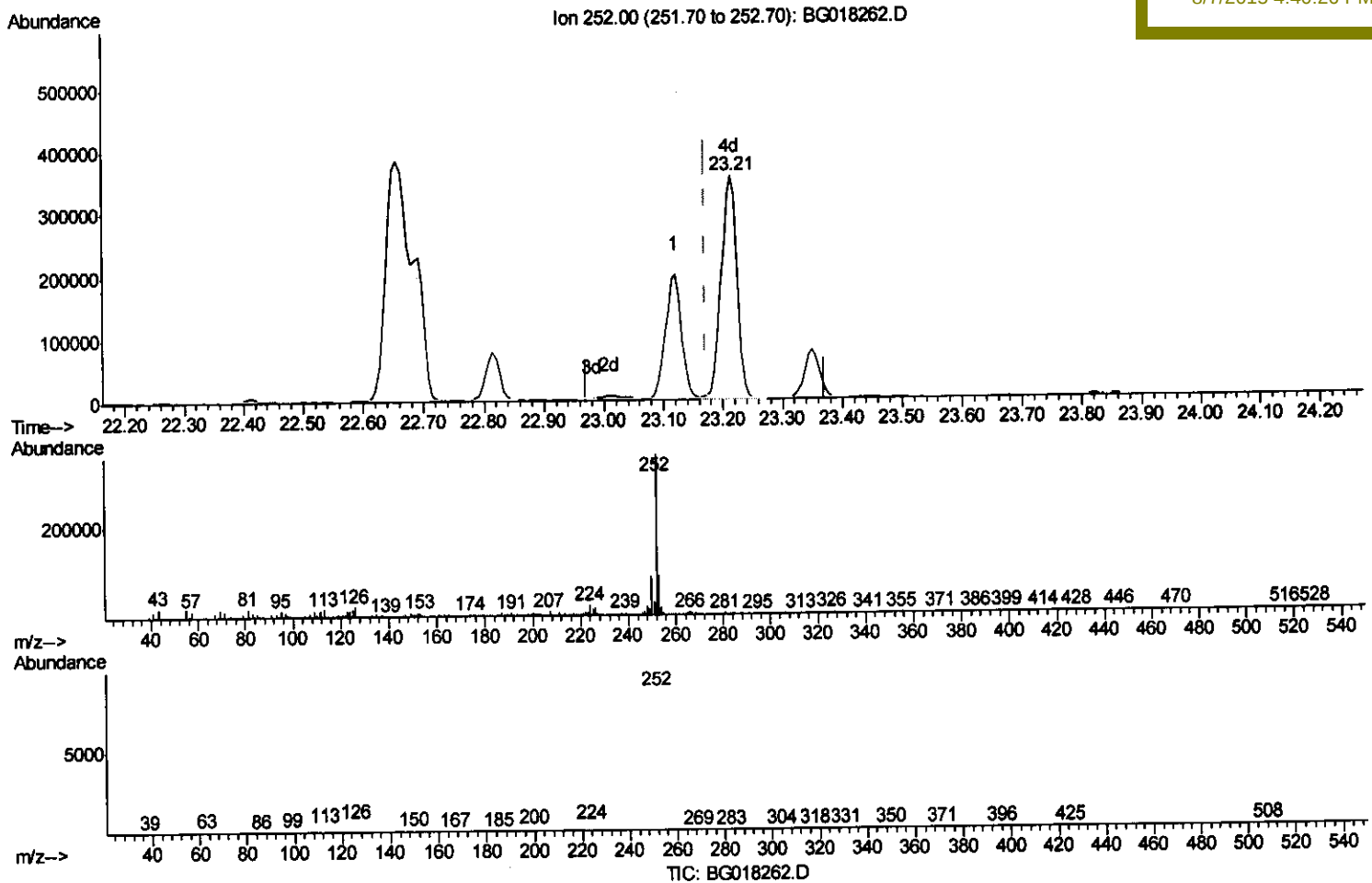
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
 Data File : BG018262.D
 Acq On : 4 Aug 2015 20:40
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 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
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(91) Benzo(a)pyrene (C)

23.214min (+0.044) 107.78ng/ul m

response 679905

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	24.56
125.00	9.10	5.15#
0.00	0.00	0.00

Quantitation Report (Qedit)

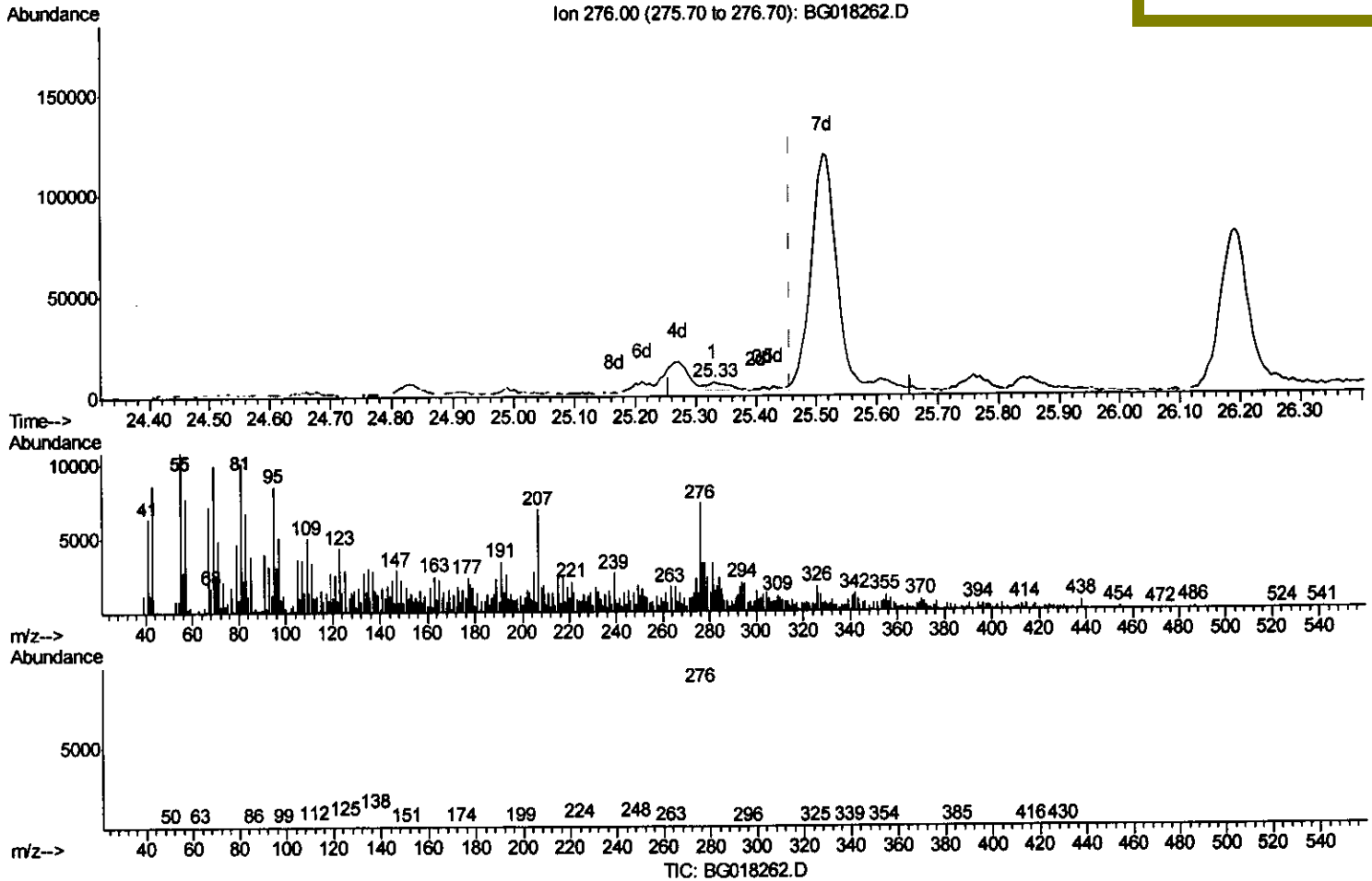
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
 Data File : BG018262.D
 Acq On : 4 Aug 2015 20:40
 Operator : UM/TP
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 ALS Vial : 20 Sample Multiplier: 1

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

25.329min (-0.127) 1.13ng/ui

response 8257

Ion	Exp%	Act%
276.00	100	100
138.00	21.50	21.57
277.00	24.40	45.73#
0.00	0.00	0.00

Quantitation Report (Qedit)

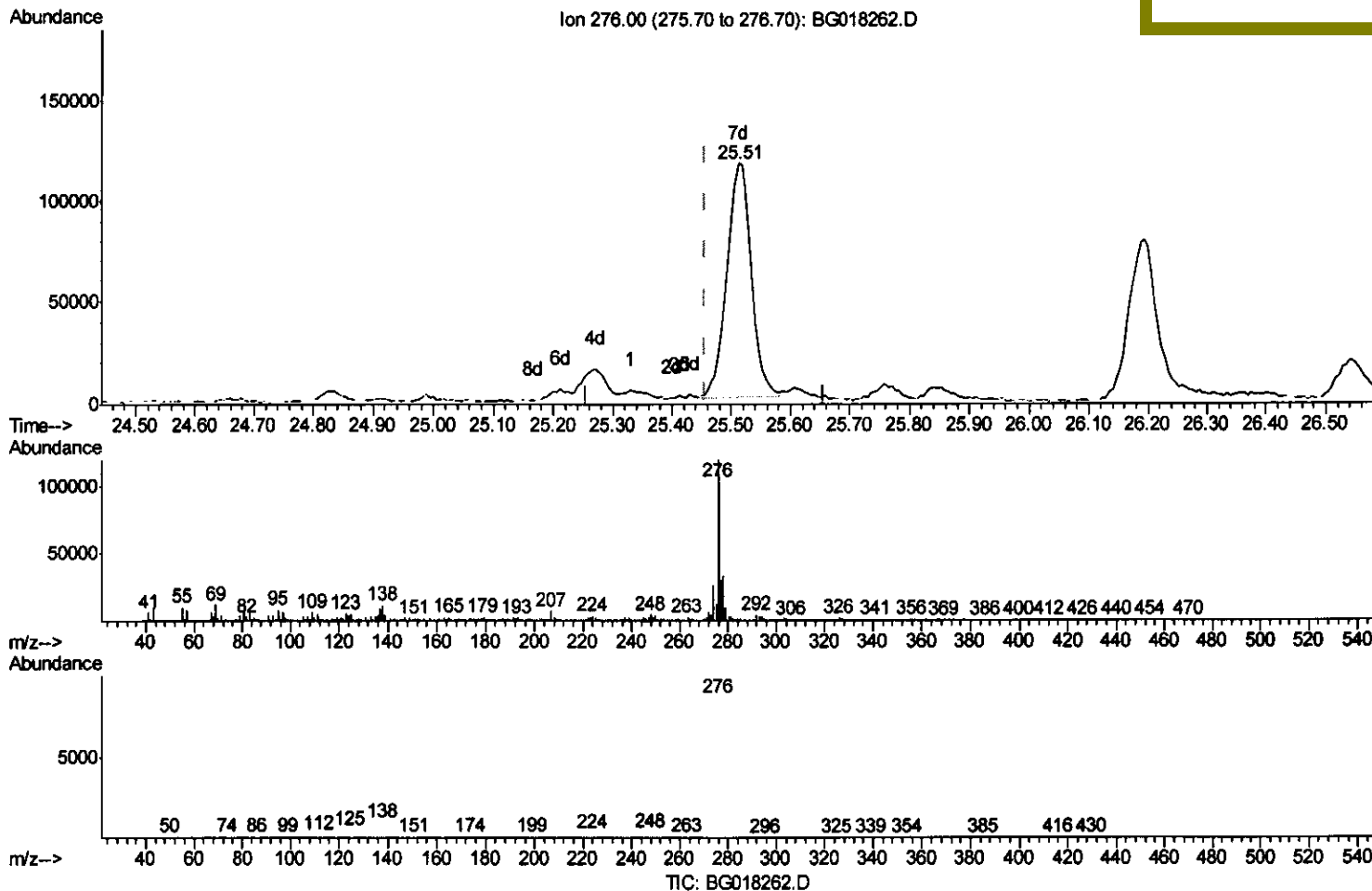
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
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(92) Indeno(1,2,3-cd)pyrene

25.511min (+0.056) 45.43ng/ul m

response 331521

Ion	Exp%	Act%
276.00	100	100
138.00	21.50	10.03#
277.00	24.40	25.63
0.00	0.00	0.00

T.P
 8/7/15

Quantitation Report (Qedit)

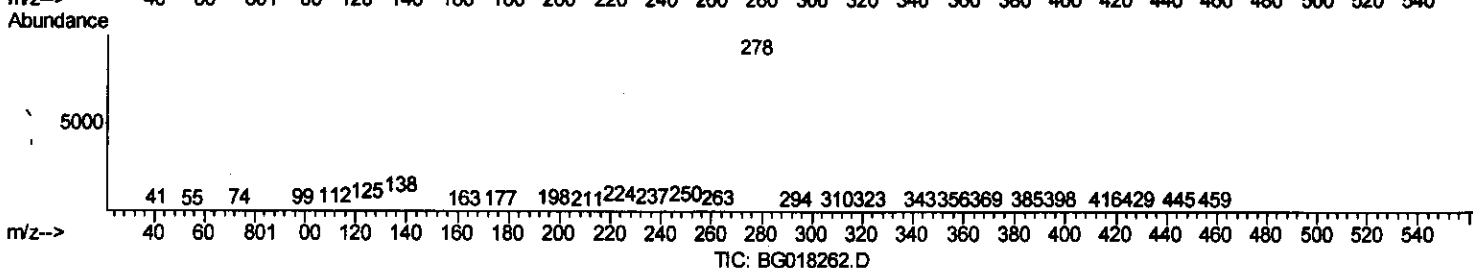
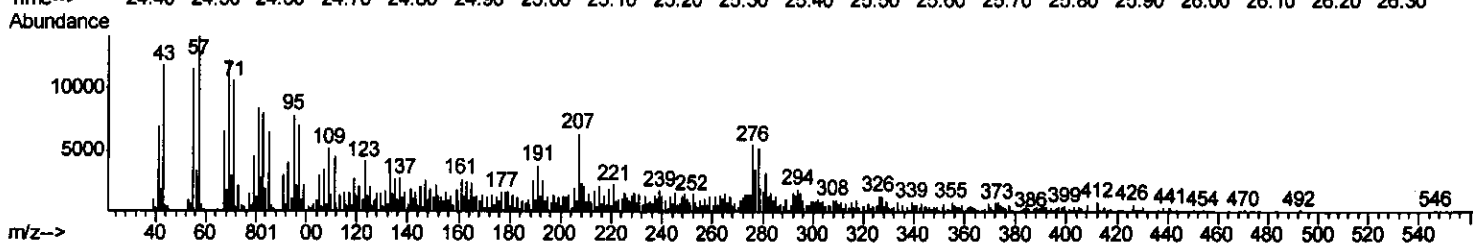
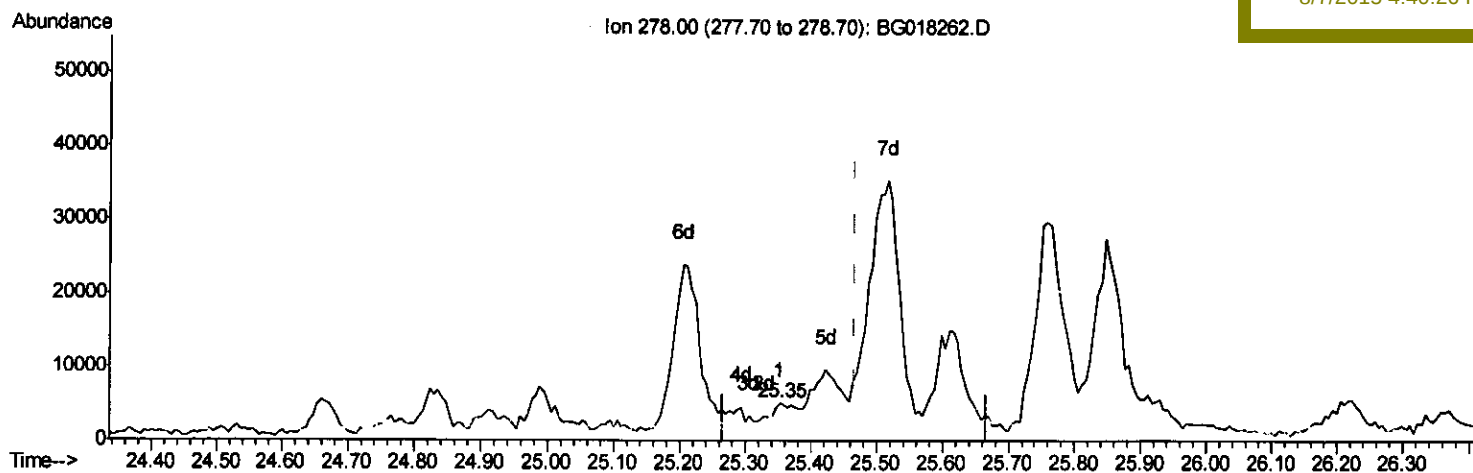
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(93) Dibenzo(a,h)anthracene

25.353min (-0.115) 0.35ng/ul

response 2218

Ion	Exp%	Act%
278.00	100	100
139.00	15.20	31.59#
279.00	25.00	39.83#
0.00	0.00	0.00

Quantitation Report (Qedit)

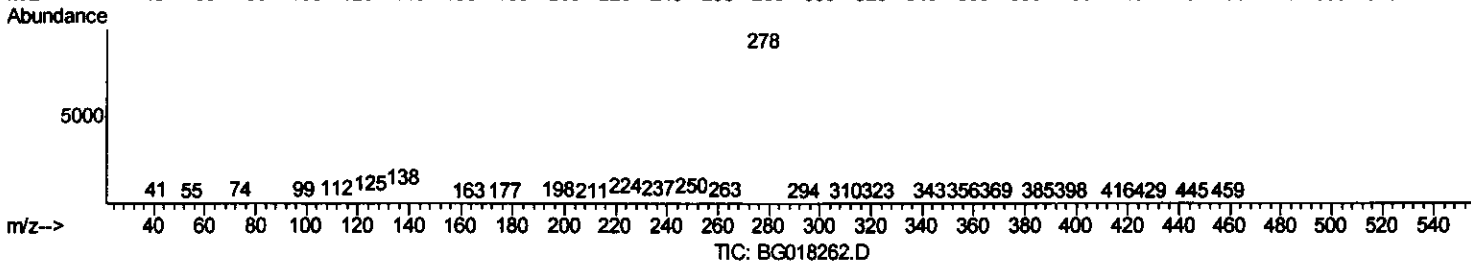
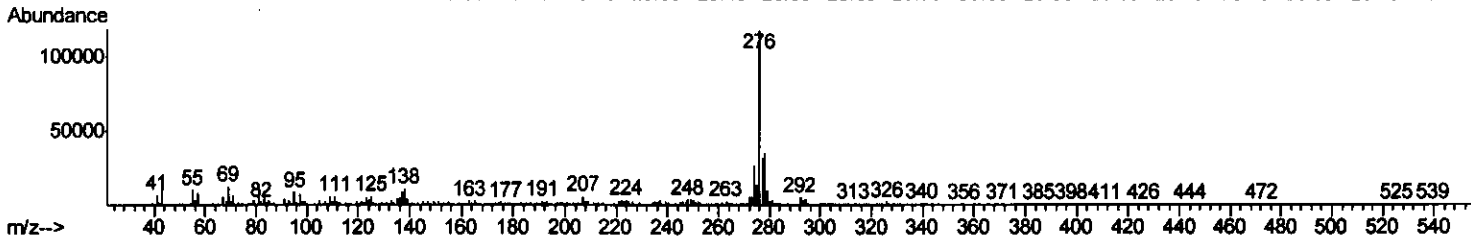
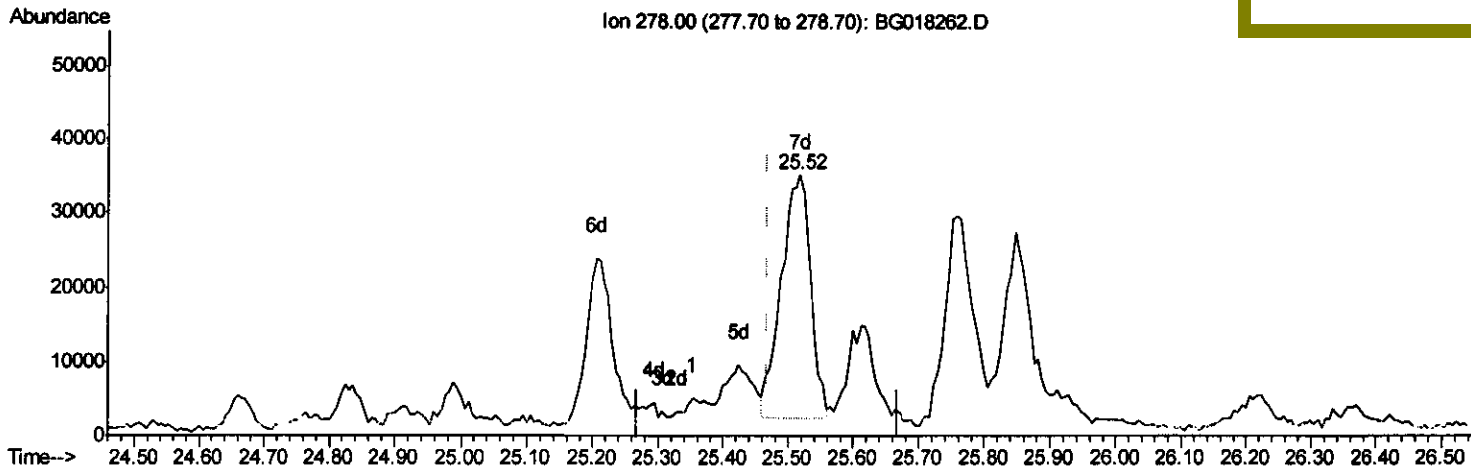
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018262.D
Acq On : 4 Aug 2015 20:40
Operator : UM/TP
Sample : G3109-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01W3

Quant Time: Aug 05 02:30:06 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
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(93) Dibenzo(a,h)anthracene

25.517min (+0.050) 16.39ng/ul m

response 102455

Ion Exp% Act%

278.00 100 100

139.00 15.20 12.13%

279.00 25.00 27.22

0.00 0.00 0.00

T.P
8/7/15

Quantitation Report (Qedit)

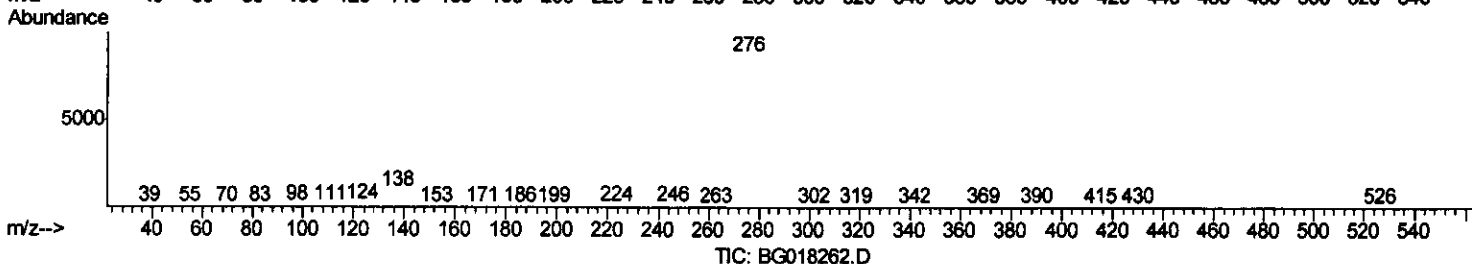
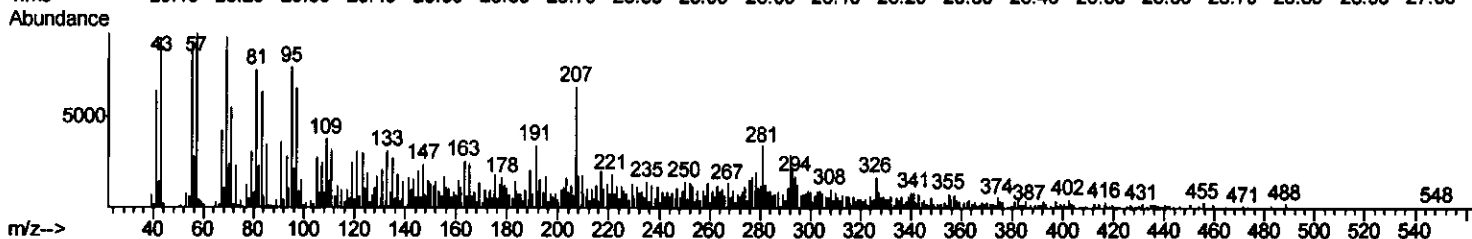
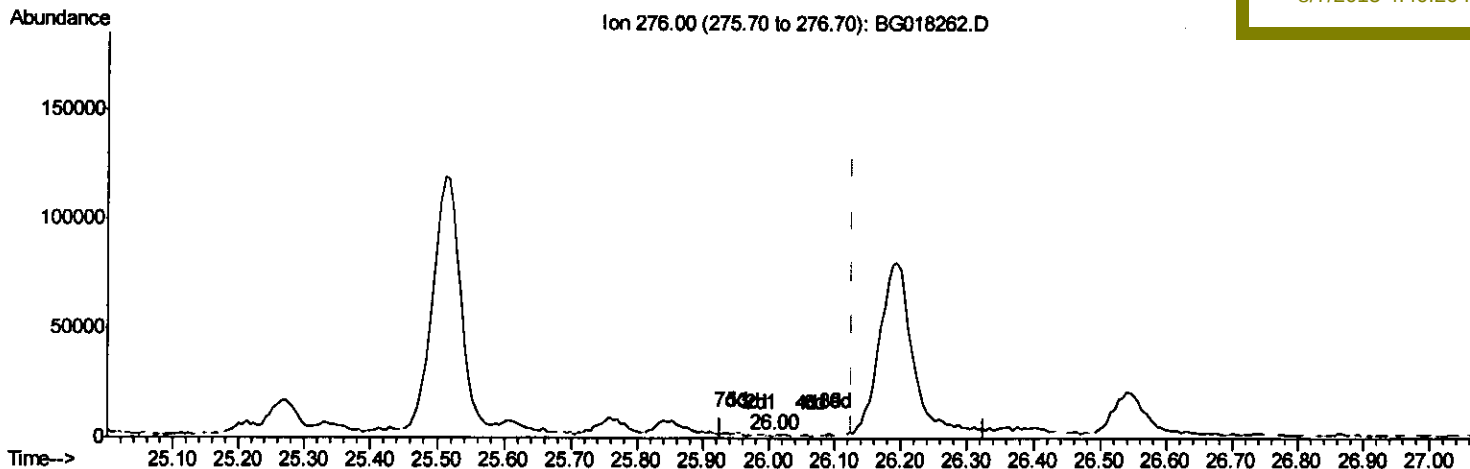
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
 Data File : BG018262.D
 Acq On : 4 Aug 2015 20:40
 Operator : UM/TP
 Sample : G3109-15
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01W3

Quant Time: Aug 05 02:30:06 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
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Manual Integrations
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(94) Benzo(g,h,i)perylene

26.005min (-0.121) 0.03ng/ul

response 191

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	33.04#
277.00	24.70	109.29#
0.00	0.00	0.00

Quantitation Report (Qedit)

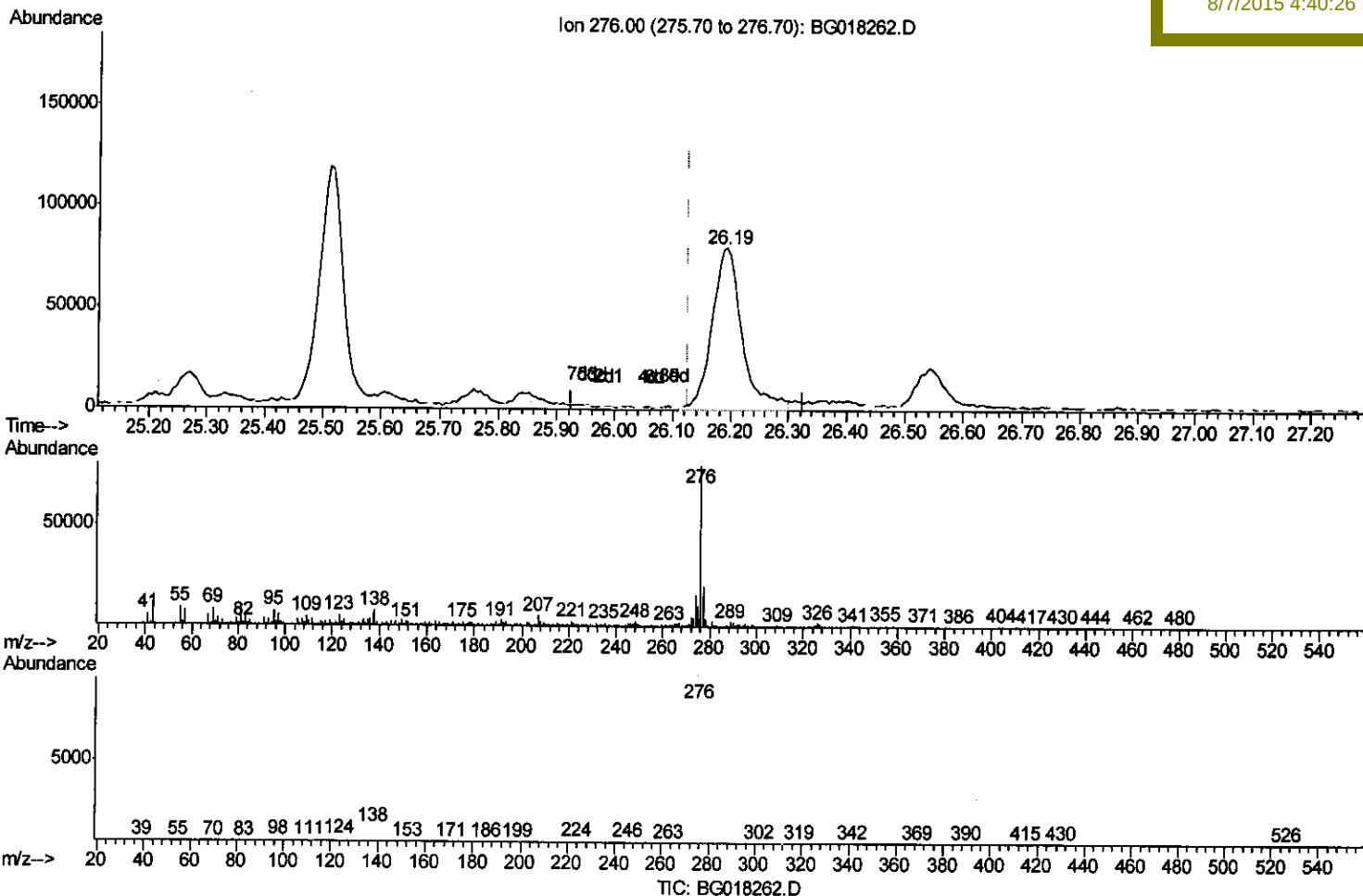
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
 Data File : BG018262.D
 Acq On : 4 Aug 2015 20:40
 Operator : UM/TP
 Sample : G3109-15
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 C01W3

Quant Time: Aug 05 02:30:06 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 4:40:26 PM



(94) Benzo(g,h,i)perylene

26.193min (+0.067) 49.31ng/ul m

response 293889

Ion Exp% Act%

276.00 100 100

138.00 18.90 9.48#

277.00 24.70 25.72

0.00 0.00 0.00

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(LSC Reviewed)

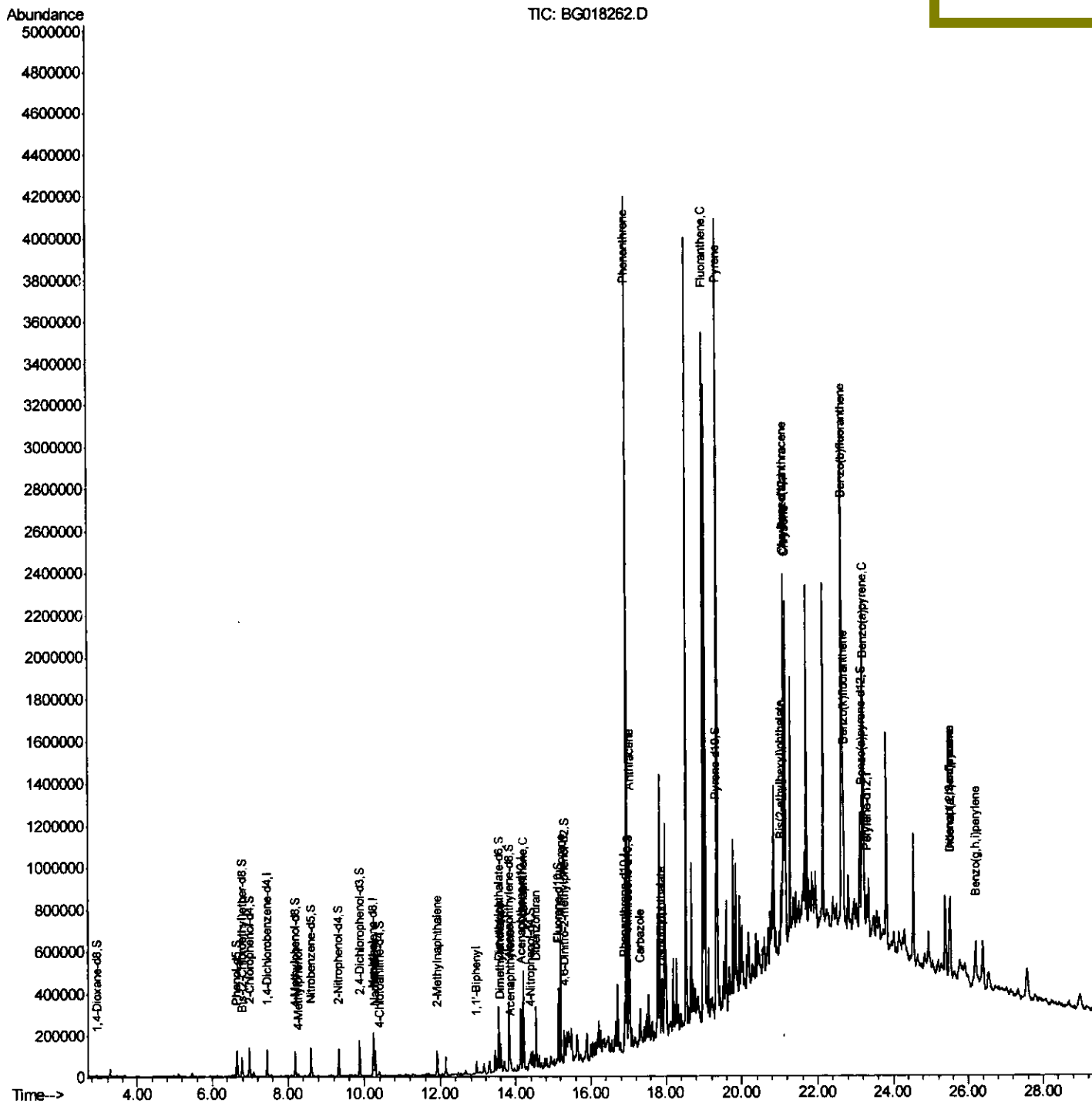
```
Data Path : Z:\HPCHEM1\BNA_G\Data\BG080415\  
Data File : BG018262.D  
Acq On    : 4 Aug 2015 20:40  
Operator  : UM/TP  
Sample    : G3109-15  
Misc      :  
ALS Vial  : 20 Sample Multiplier: 1
```

Instrument :
BNA_G
ClientSampleId :
C01W3

Quant Time: Aug 14 03:03:37 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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Data Path : Z:\HPCHEM1\BNA_G\Data\BG080415\
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 Acq On : 4 Aug 2015 20:40
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 Sample : G3109-15
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01W3

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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	31999	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	151737	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.14	164	91975	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.90	188	142288	20.00	ng/ul	0.00
78) Chrysene-d12	21.12	240	126490	20.00	ng/ul	0.01
86) Perylene-d12	23.30	264	117374m	20.00	ng/ul	0.03

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System Monitoring Compounds

3) 1,4-Dioxane-d8	2.93	96	1695	4.00	ng/uL	0.00
5) Phenol-d5	6.66	99	69015	23.99	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.80	67	35379	24.06	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	57216	26.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	38964	16.63	ng/ul	0.00
19) Nitrobenzene-d5	8.61	128	31178	26.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	37105	27.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.88	165	56762	23.41	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	8662	2.87	ng/ul	0.00
44) Dimethylphthalate-d6	13.55	166	188198	26.48	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	200349	24.31	ng/ul	0.00
52) 4-Nitrophenol-d4	14.39	143	18638	14.17	ng/ul	0.00
58) Fluorene-d10	15.14	176	144716	22.50	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.29	200	17159	17.27	ng/ul	0.00
71) Anthracene-d10	17.00	188	153127	24.75	ng/ul	0.00
79) Pyrene-d10	19.32	212	113143	18.49	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.16	264	139810m	23.55	ng/ul	0.03

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Target Compounds

						Qvalue
16) 4-Methylphenol	8.26	108	4463	1.75	ng/ul#	66
28) Naphthalene	10.29	128	95942	13.13	ng/ul	97
34) 2-Methylnaphthalene	11.92	142	50828	8.79	ng/ul	99
41) 1,1'-Biphenyl	12.96	154	23941	3.64	ng/ul#	89
45) Dimethylphthalate	13.60	163	72884	10.31	ng/ul	97
48) Acenaphthylene	13.86	152	19959	2.44	ng/ul#	86
50) Acenaphthene	14.20	153	180480	33.85	ng/ul	98
54) Dibenzofuran	14.54	168	145707	18.15	ng/ul#	79
59) Fluorene	15.19	166	259452	37.45	ng/ul	100
70) Phenanthrene	16.95	178	2178727m	301.41	ng/ul	
72) Anthracene	17.03	178	555164	77.20	ng/ul	99
75) Carbazole	17.31	167	84400	14.12	ng/ul	97
76) Di-n-butylphthalate	17.88	149	71113	8.95	ng/ul#	96
77) Fluoranthene	18.99	202	1741652	219.38	ng/ul#	95
80) Pyrene	19.35	202	1669799	217.64	ng/ul#	96
83) Benzo(a)anthracene	21.10	228	818857	120.21	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.04	149	92255	21.94	ng/ul#	96
85) Chrysene	21.16	228	697180m	111.73	ng/ul	
88) Benzo(b)fluoranthene	22.66	252	930128m	131.91	ng/ul	
89) Benzo(k)fluoranthene	22.69	252	286696m	44.24	ng/ul	
91) Benzo(a)pyrene	23.21	252	679905m	107.78	ng/ul	
92) Indeno(1,2,3-cd)pyrene	25.51	276	331521m	45.43	ng/ul	
93) Dibenzo(a,h)anthracene	25.52	278	102455m	16.39	ng/ul	

T.P
 08/07/15

T.P
 08/07/15

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Benzo(g,h,i)perylene	26.19	276	293889m	49.31	ng/ul	

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

Instrument :
BNA_G
ClientSampleId :
C01W3

Manual Integration
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