

Quantitation Report (Qedit)

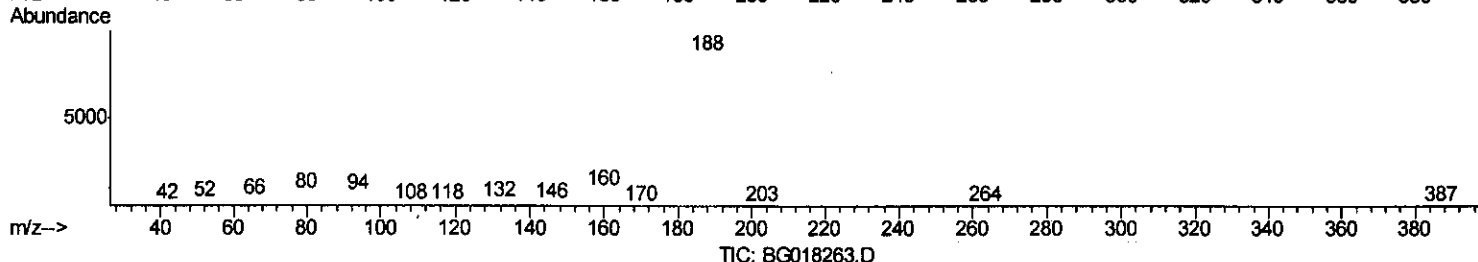
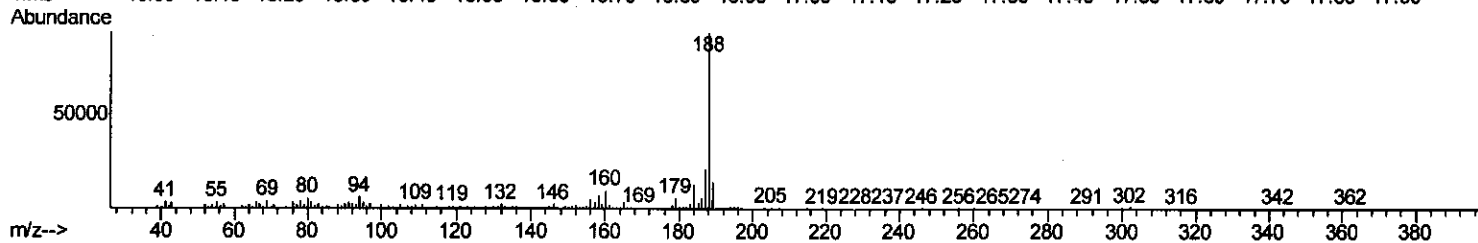
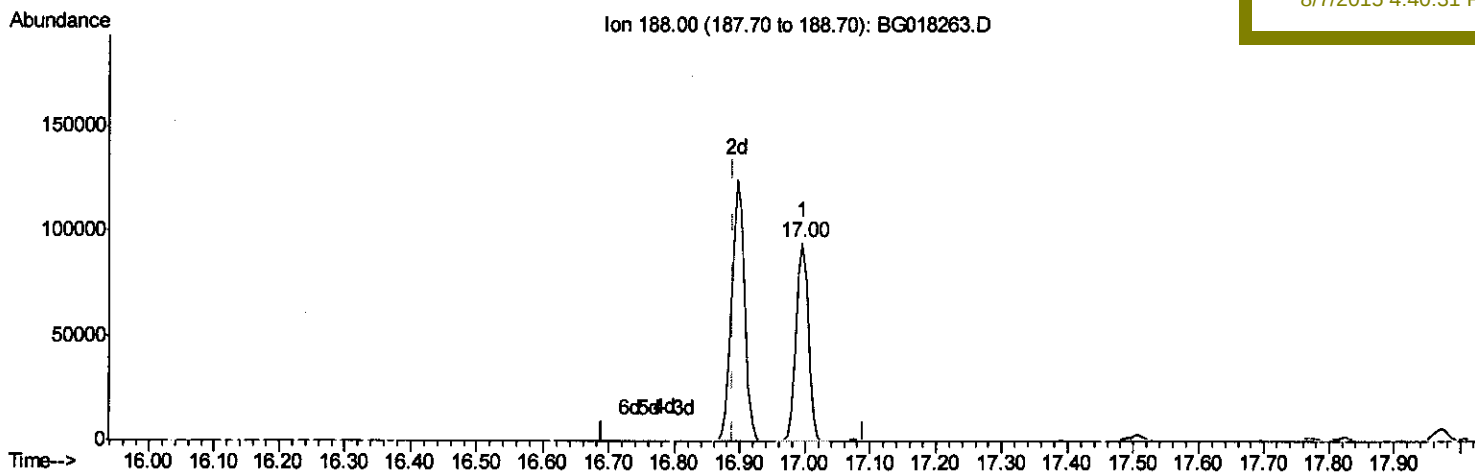
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018263.D
Acq On : 4 Aug 2015 21:15
Operator : UM/TP
Sample : G3109-21
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C02F5

Quant Time: Aug 05 02:30:26 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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MMDadoda
8/7/2015 4:40:31 PM



(62) Phenanthrene-d10 (I)

16.995min (+0.106) 20.00ng/ul

response 126592

Ion	Exp%	Act%
188.00	100	100
94.00	7.90	6.86
80.00	7.40	5.97
0.00	0.00	0.00

Quantitation Report (Qedit)

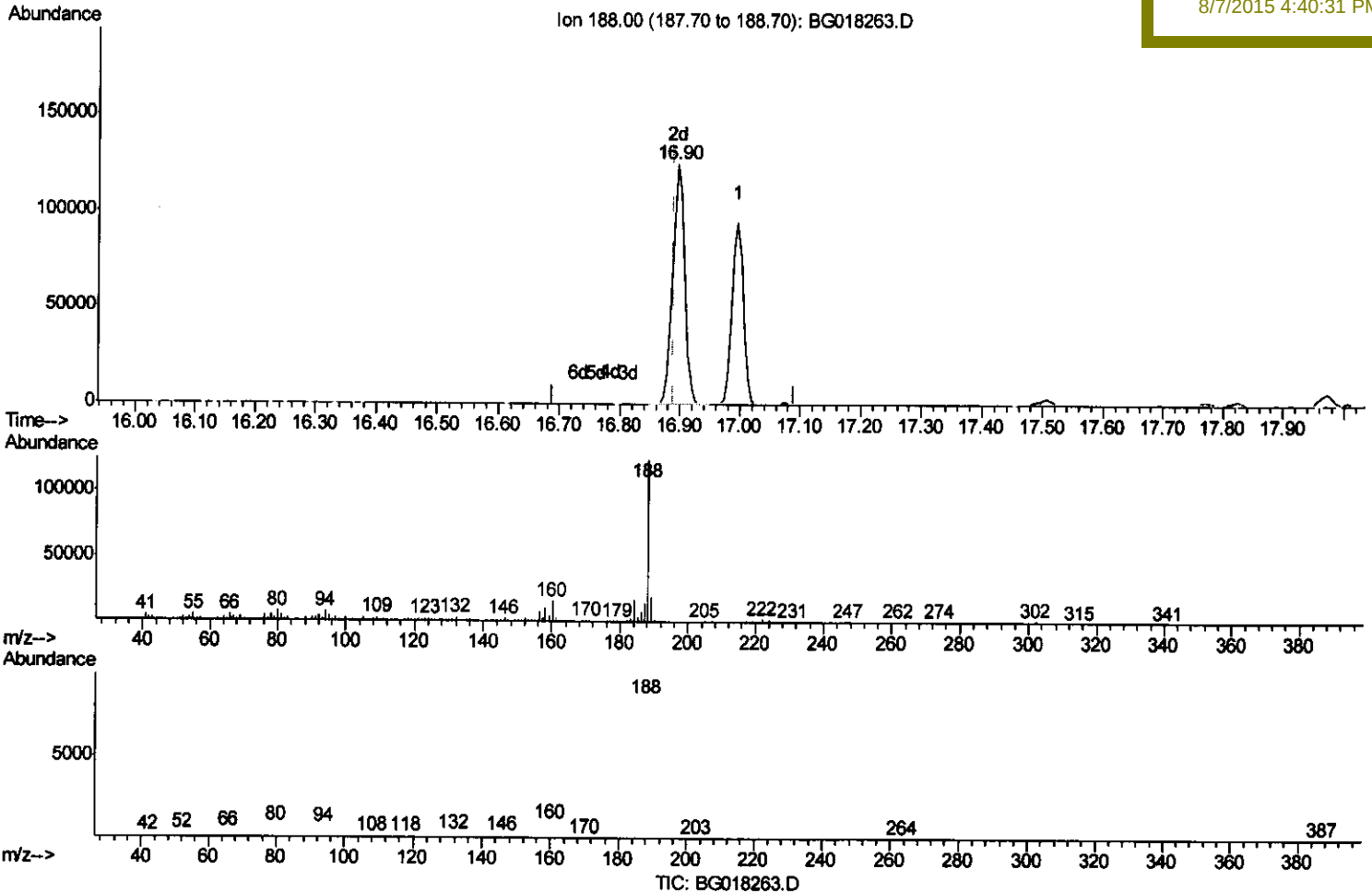
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
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(62) Phenanthrene-d10 (I)

16.895min (+0.006) 20.00ng/ul m

response 174216

T.P
 8/8/15

Ion	Exp%	Act%
188.00	100	100
94.00	7.90	6.13#
80.00	7.40	6.11
0.00	0.00	0.00

Quantitation Report (Qedit)

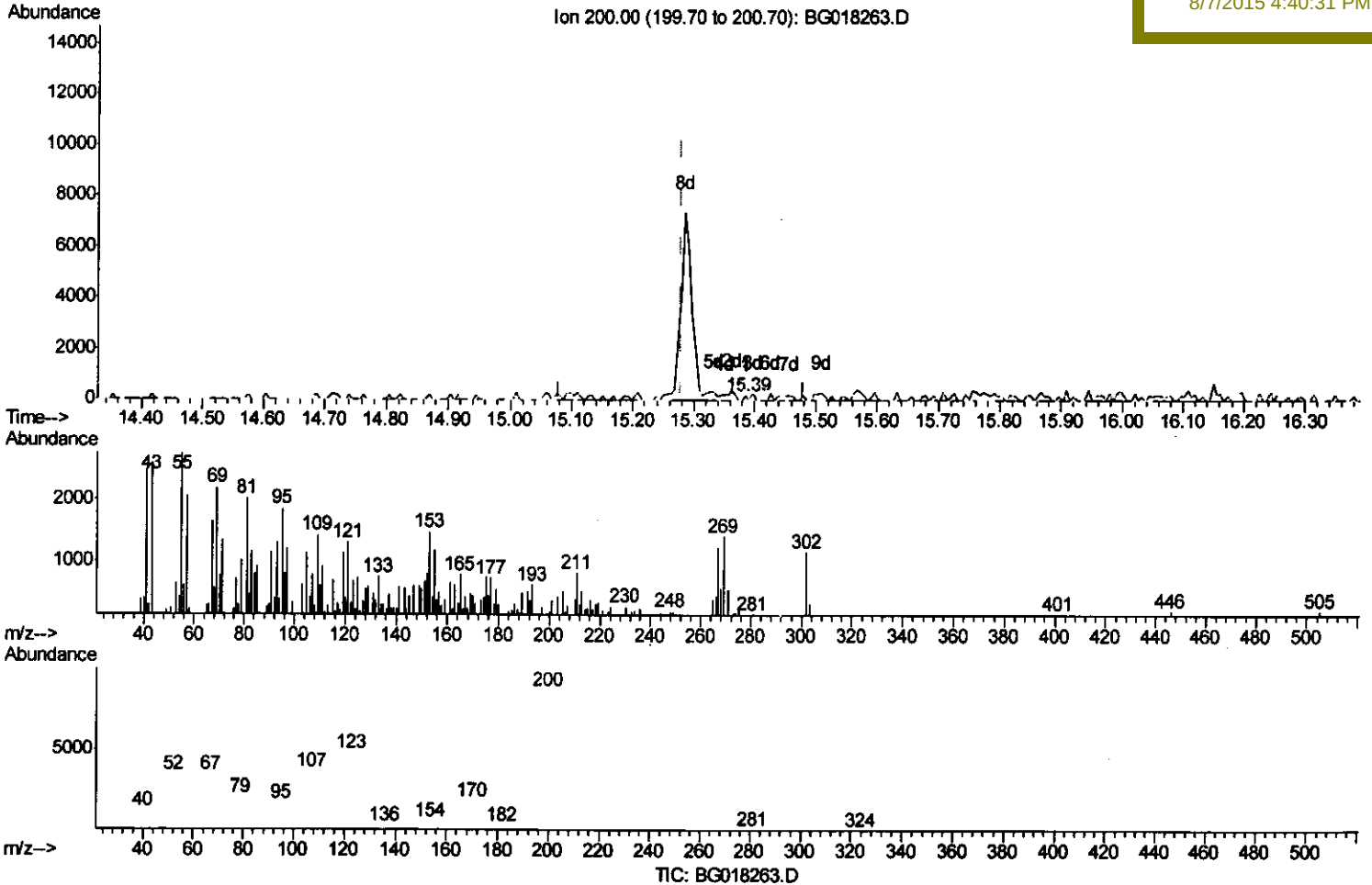
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
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(63) 4,6-Dinitro-2-methylphenol-d2 (S)

15.385min (+0.106) 0.06ng/ui

response 72

Ion	Exp%	Act%
200.00	100	100
170.00	13.30	221.08#
52.00	21.10	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

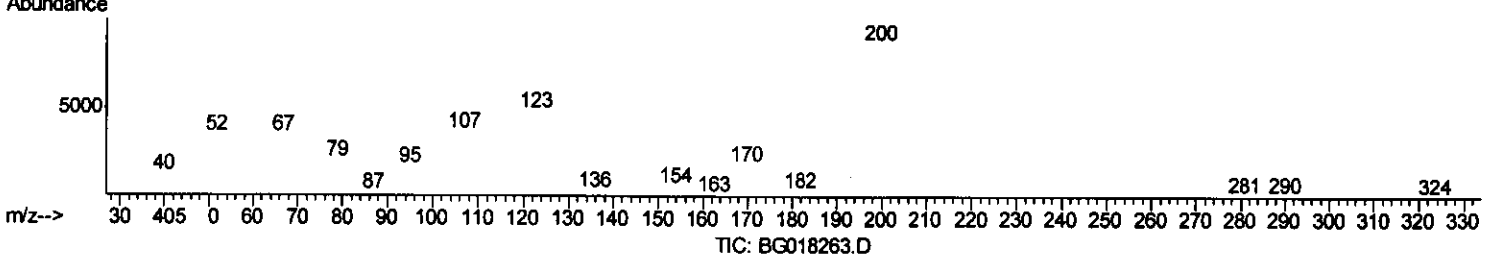
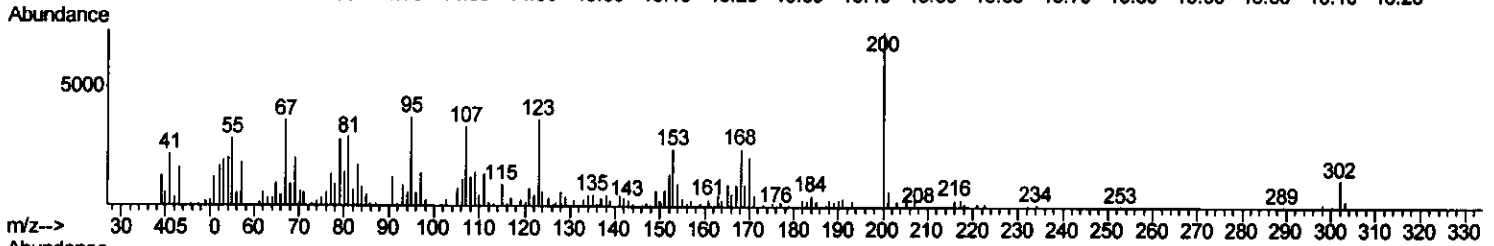
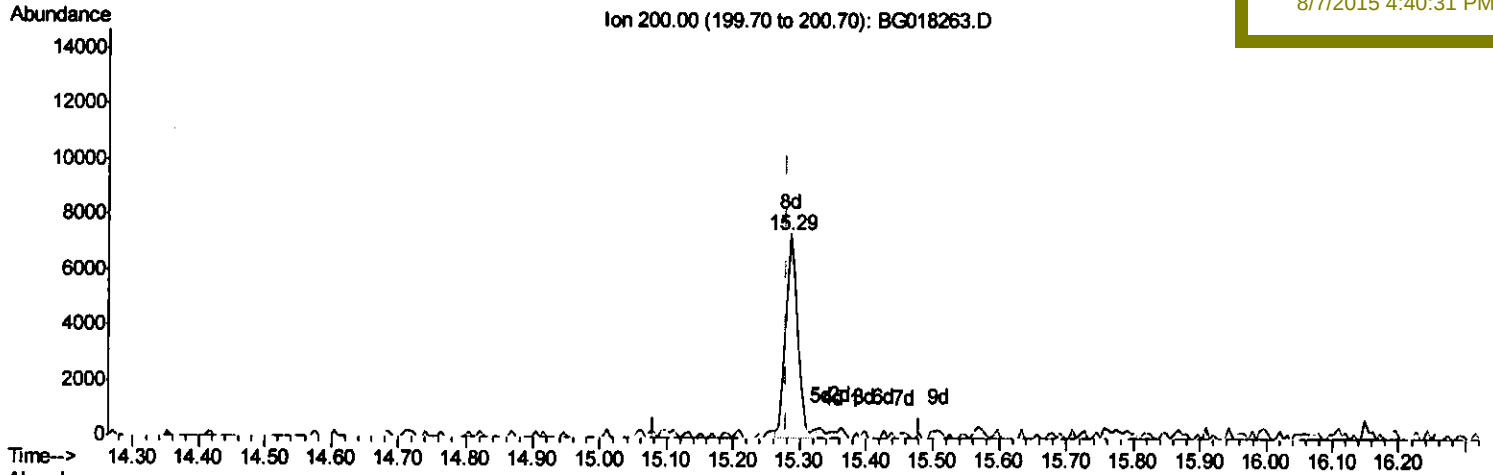
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
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(63) 4,6-Dinitro-2-methylphenol-d2 (S)

15.286min (+0.006) 7.72ng/ul m

response 9387

Ion	Exp%	Act%
200.00	100	100
170.00	13.30	29.86#
52.00	21.10	24.06
0.00	0.00	0.00

T.P
 8/8/15

Quantitation Report (Qedit)

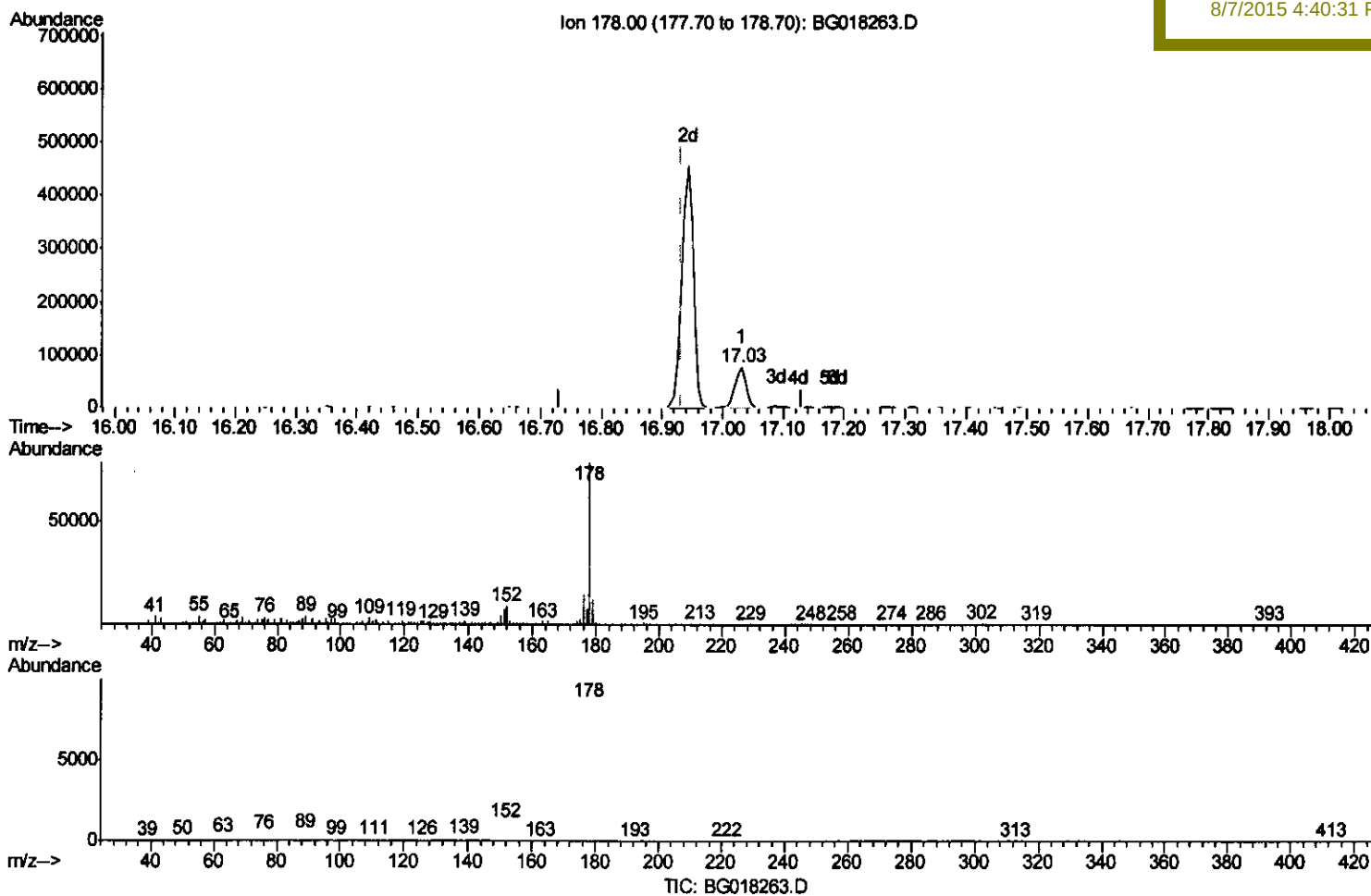
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(70) Phenanthrene

17.031min (+0.100) 12.00ng/ul

response 106166

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	15.72
176.00	20.00	18.38
0.00	0.00	0.00

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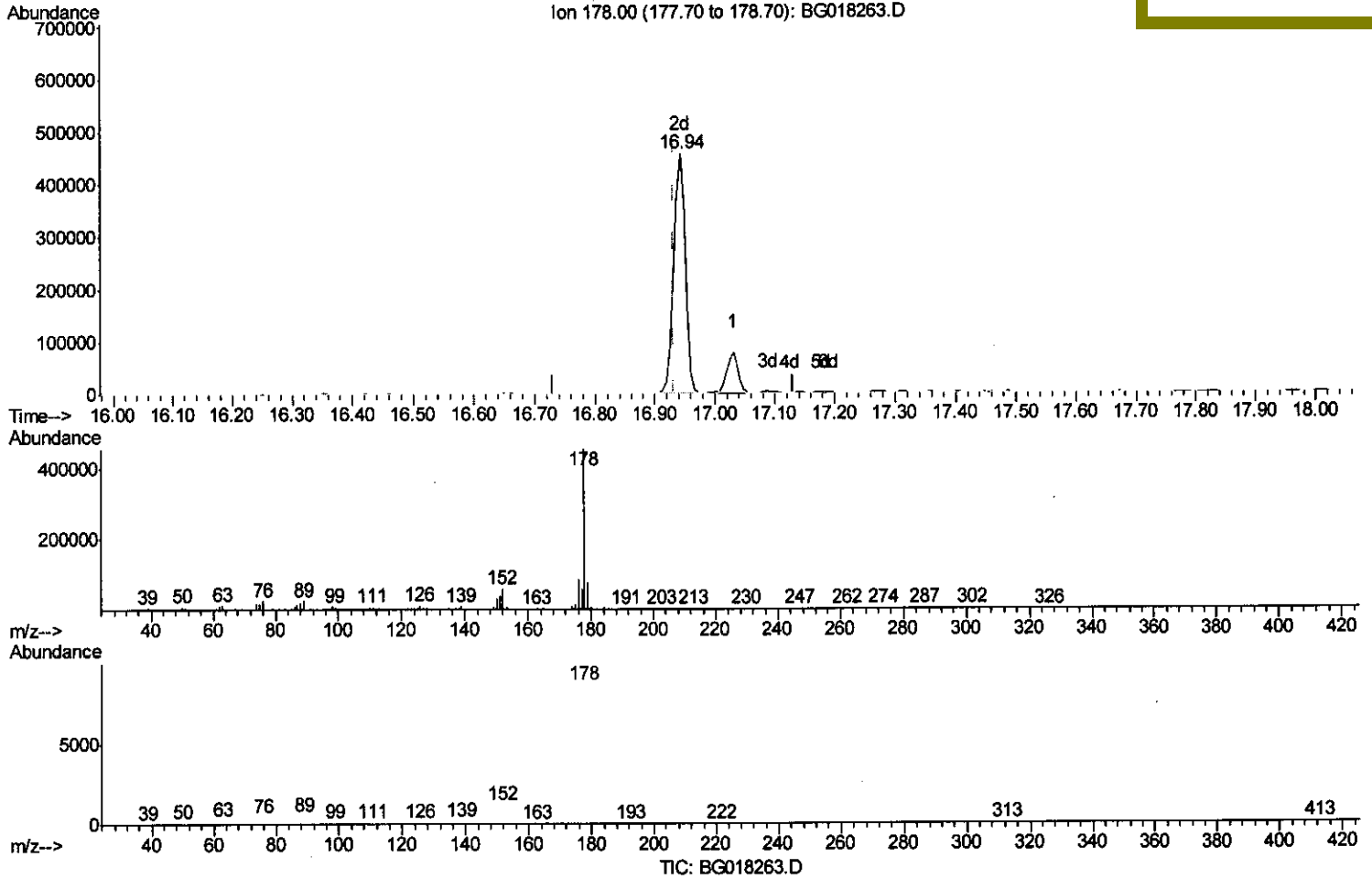
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(70) Phenanthrene

16.942min (+0.012) 68.87ng/ul m

response 609524

T.P
 8/8/15

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	16.29
176.00	20.00	18.77
0.00	0.00	0.00

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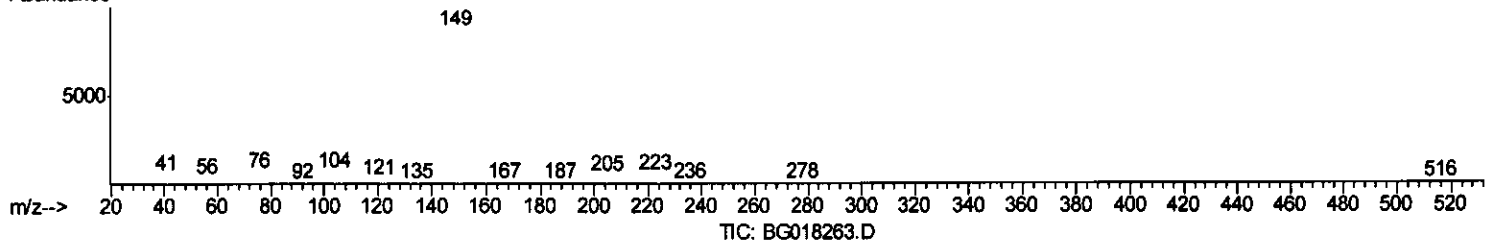
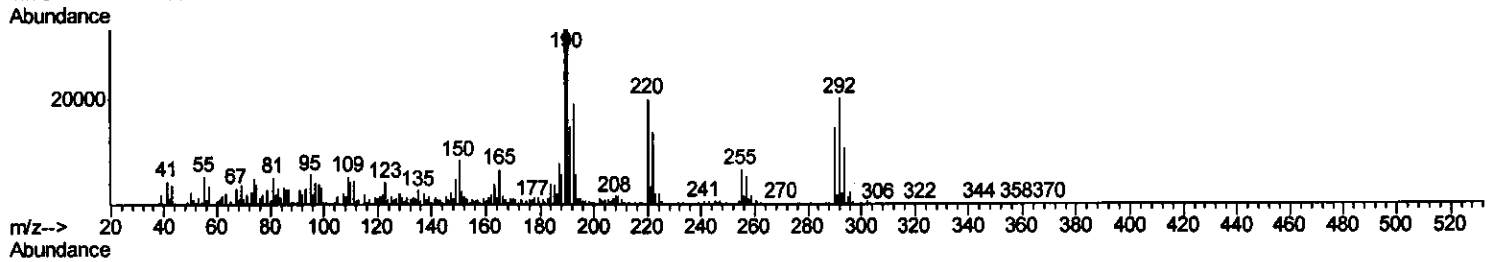
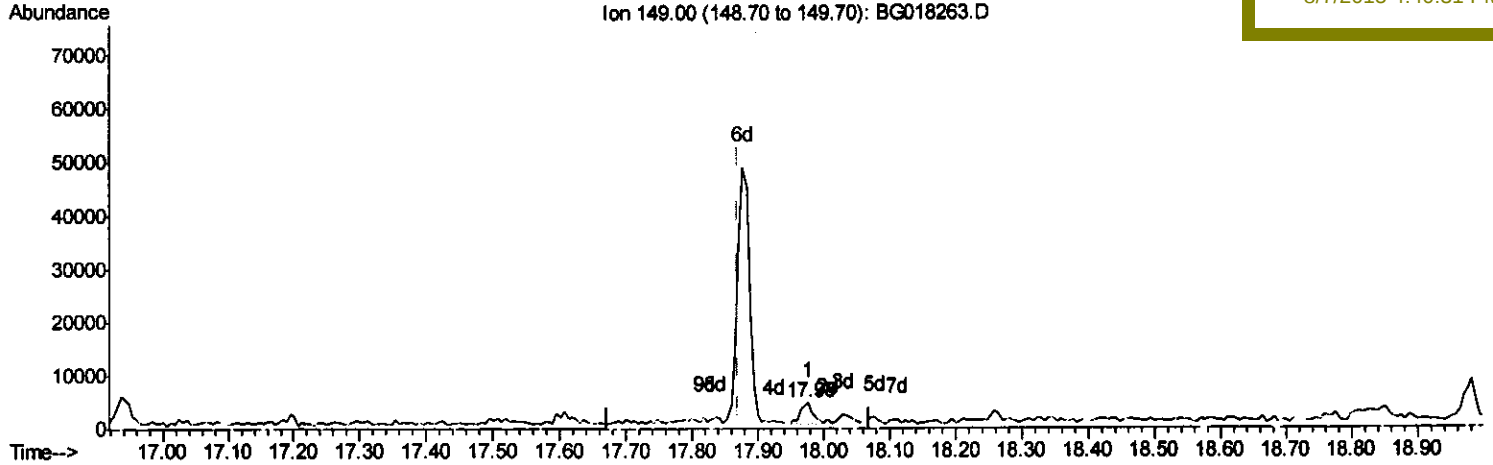
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(76) Di-n-butylphthalate

17.976min (+0.106) 0.56ng/ul

response 5420

Ion	Exp%	Act%
149.00	100	100
150.00	9.60	172.28#
104.00	4.50	13.10#
0.00	0.00	0.00

Quantitation Report (Qedit)

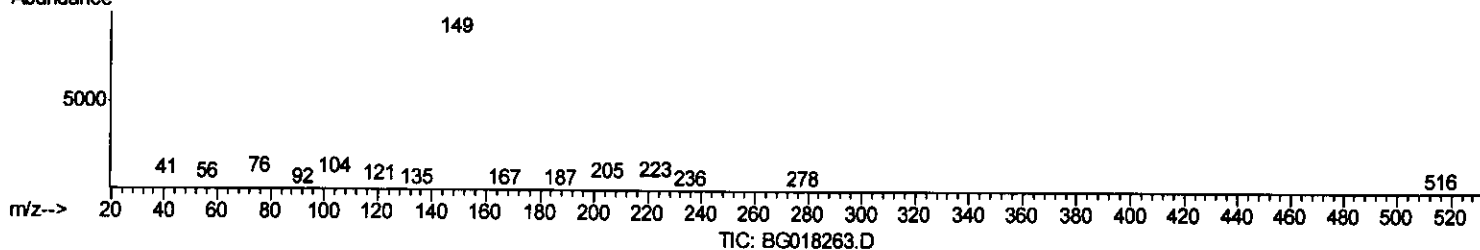
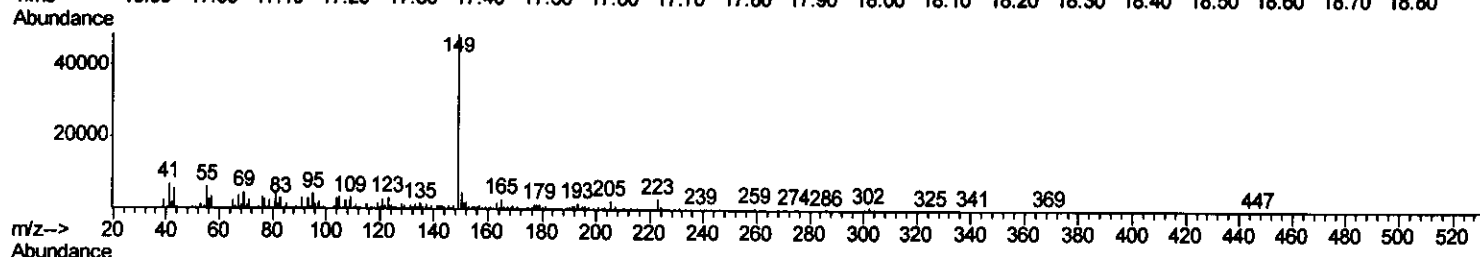
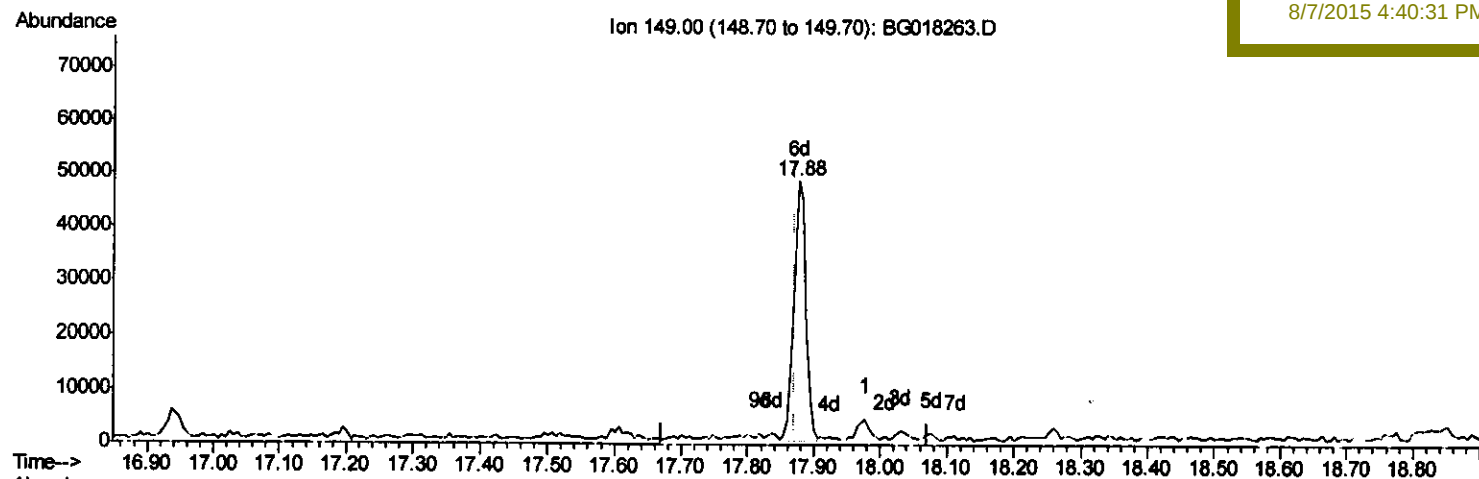
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(76) Di-n-butylphthalate

17.877min (+0.006) 6.36ng/ul m

response 61913

Ion	Exp%	Act%
149.00	100	100
150.00	9.60	9.68
104.00	4.50	6.58#
0.00	0.00	0.00

T.P
8/8/15

Quantitation Report (Qedit)

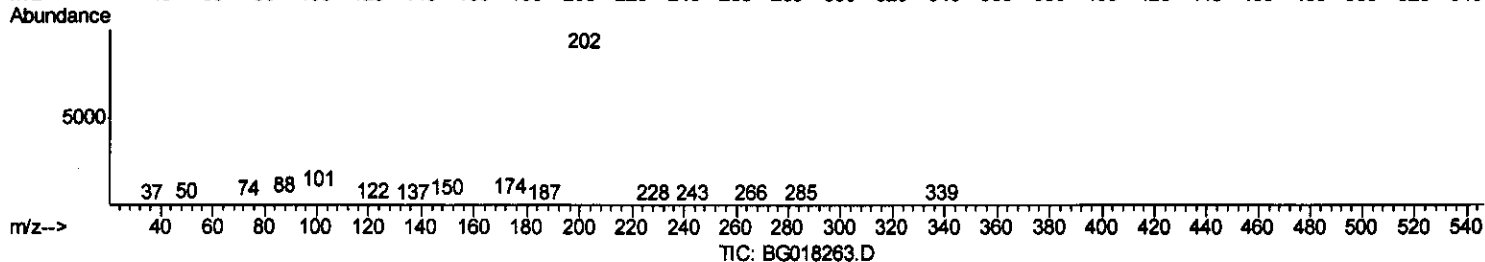
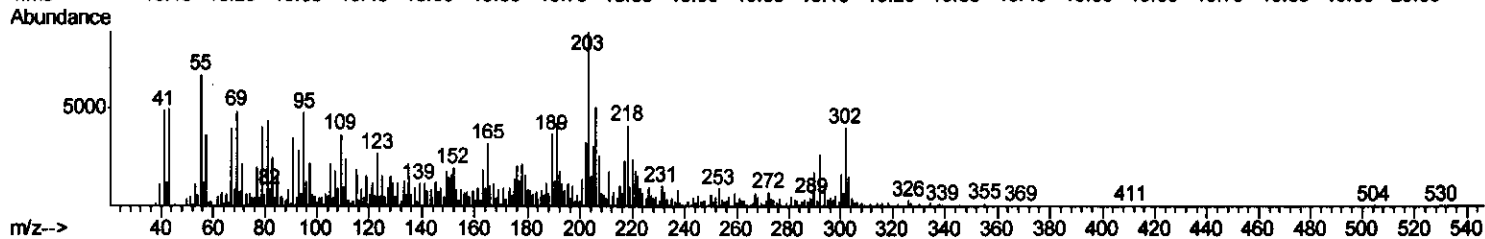
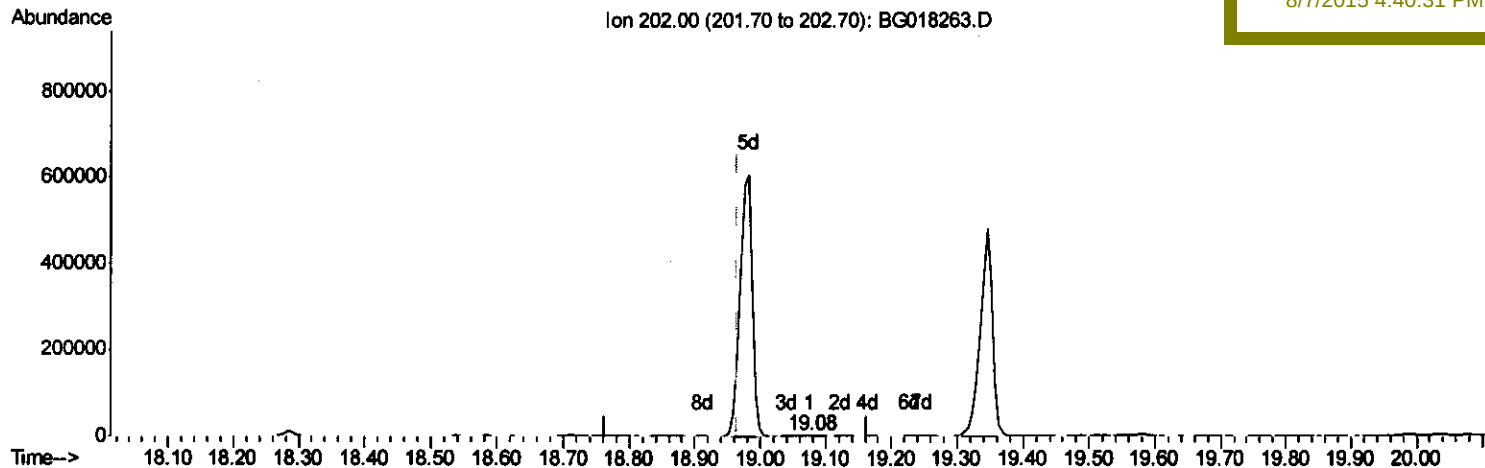
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(77) Fluoranthene (C)

19.075min (+0.112) 0.32ng/ul

response 3153

Ion	Exp%	Act%
202.00	100	100
101.00	9.40	18.09#
100.00	6.90	9.30#
0.00	0.00	0.00

Quantitation Report (Qedit)

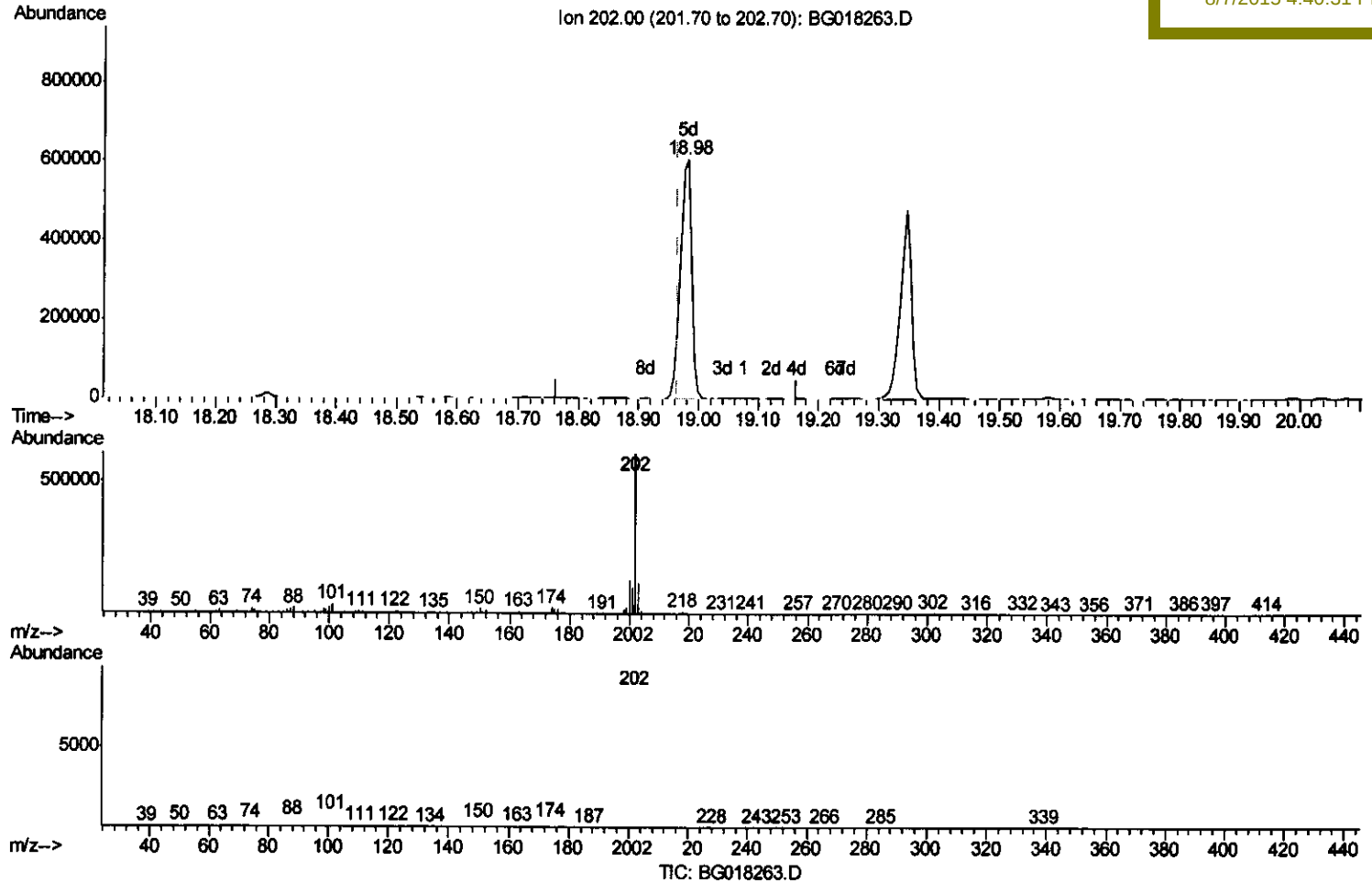
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 Data File : BG018263.D
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 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C02F5

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(77) Fluoranthene (C)

18.981min (+0.018) 82.04ng/ul m

response 797473

T.P
 8/8/15

Ion	Exp%	Act%
202.00	100	100
101.00	9.40	5.66#
100.00	6.90	4.08#
0.00	0.00	0.00

Quantitation Report (Qedit)

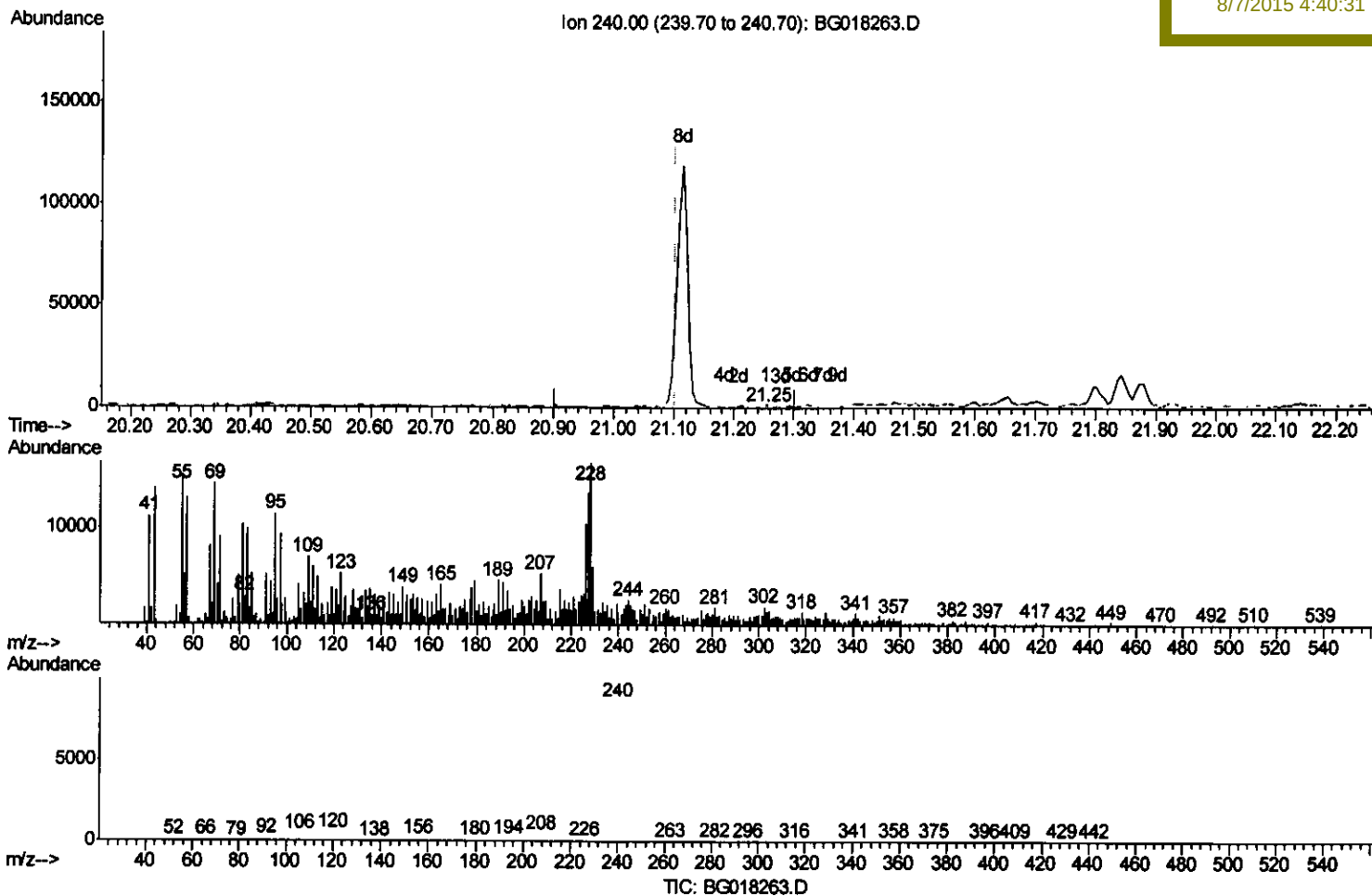
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(78) Chrysene-d12 (I)

21.255min (+0.153) 20.00ng/ul

response 634

Ion	Exp%	Act%
240.00	100	100
120.00	9.70	83.98#
236.00	24.90	69.03#
0.00	0.00	0.00

Quantitation Report (Qedit)

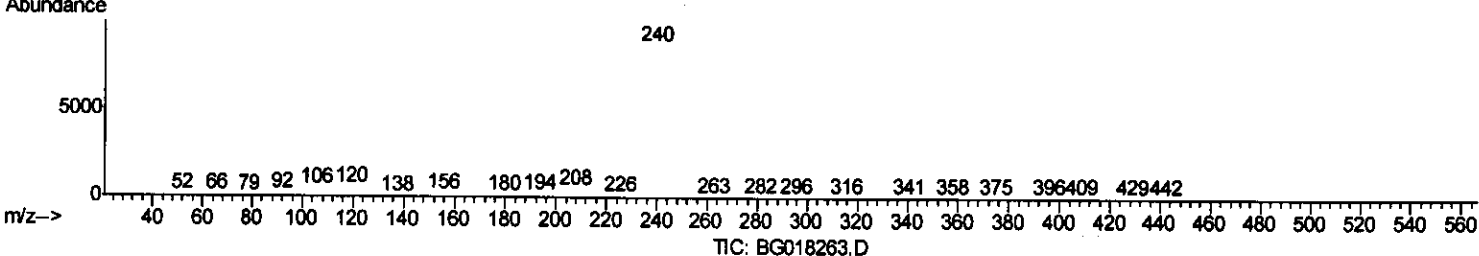
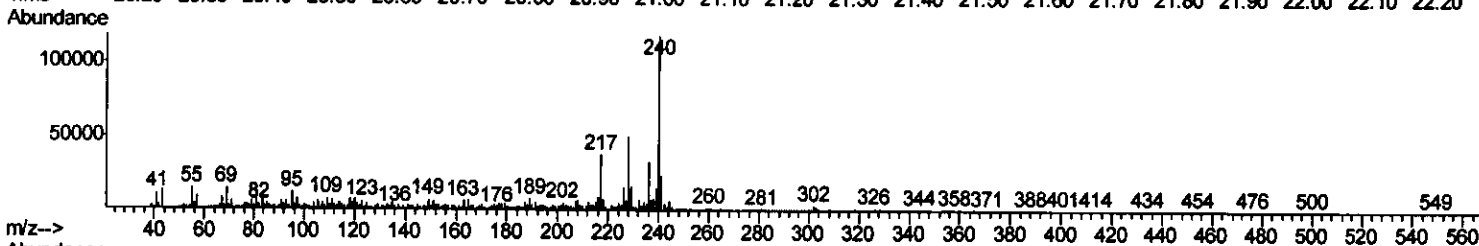
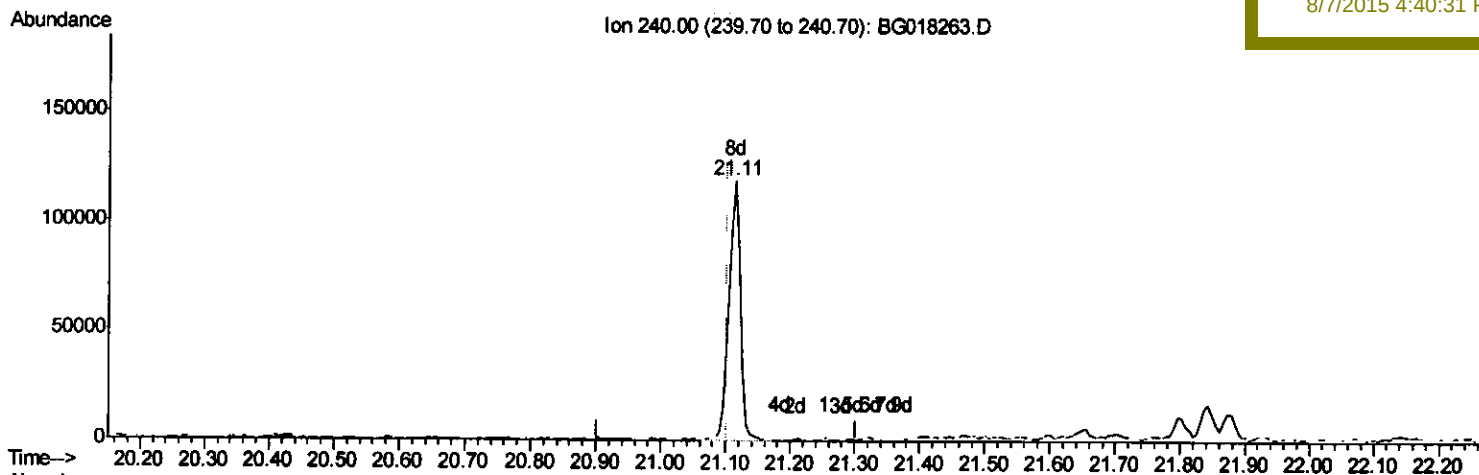
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(78) Chrysene-d12 (I)

21.114min (+0.012) 20.00ng/ul m

response 149307

T.P
 8/8/15

Ion	Exp%	Act%
240.00	100	100
120.00	9.70	6.02#
236.00	24.90	27.97
0.00	0.00	0.00

Quantitation Report (Qedit)

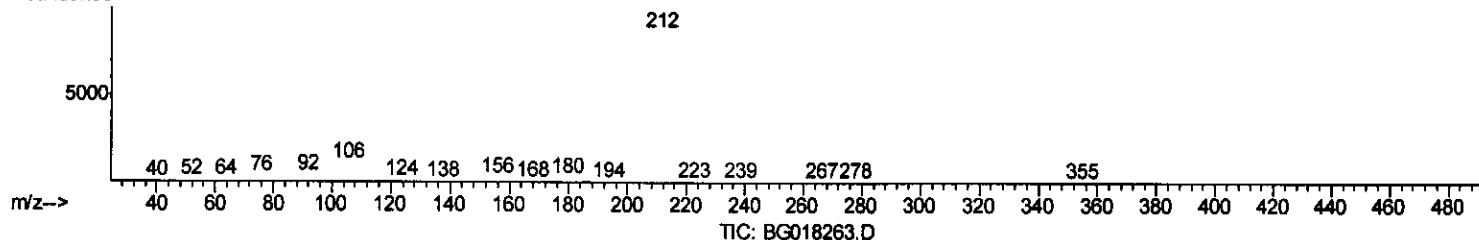
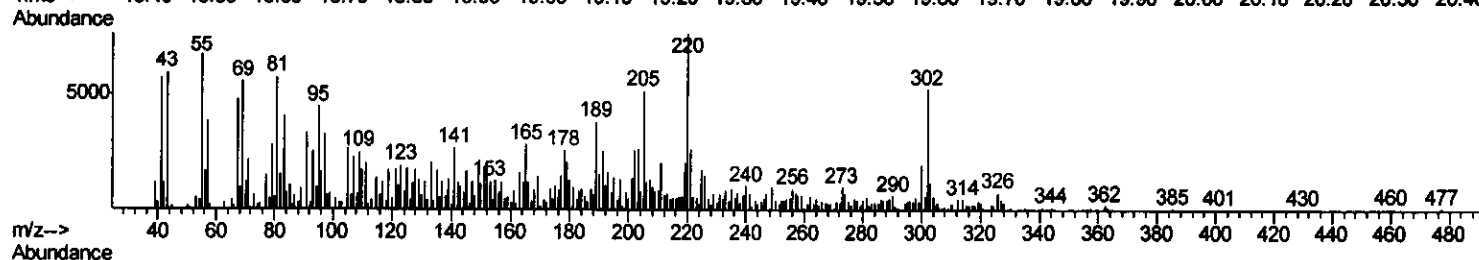
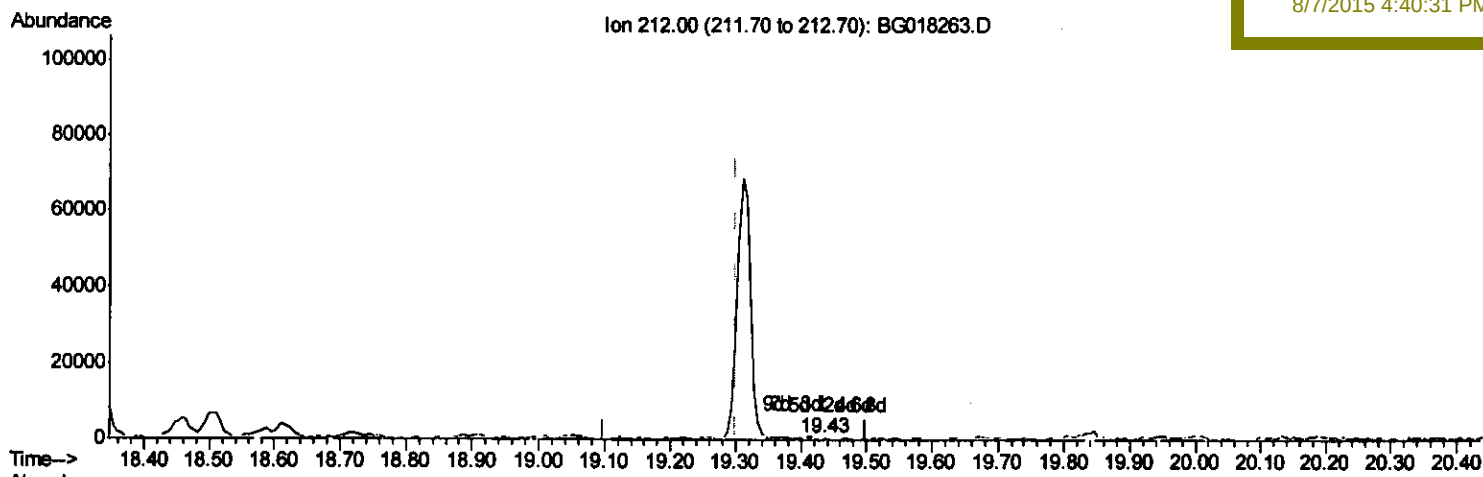
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(79) Pyrene-d10 (S)

19.434min (+0.135) 0.02ng/ul

response 146

Ion	Exp%	Act%
212.00	100	100
106.00	11.40	102.49#
104.00	7.60	22.12#
0.00	0.00	0.00

Quantitation Report (Qedit)

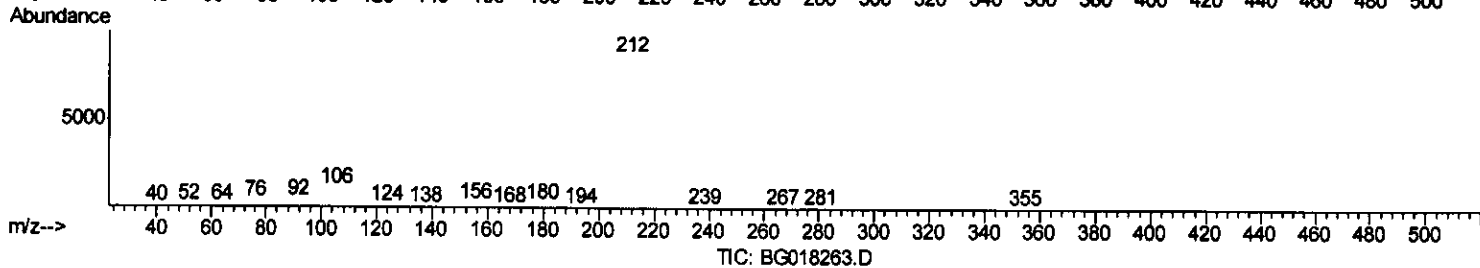
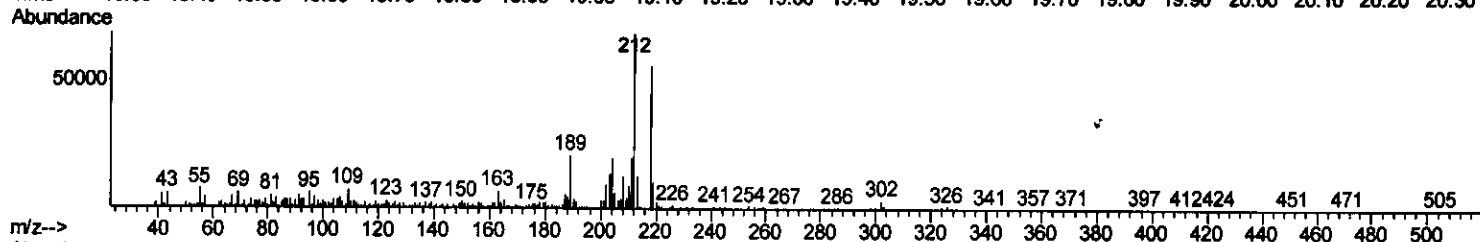
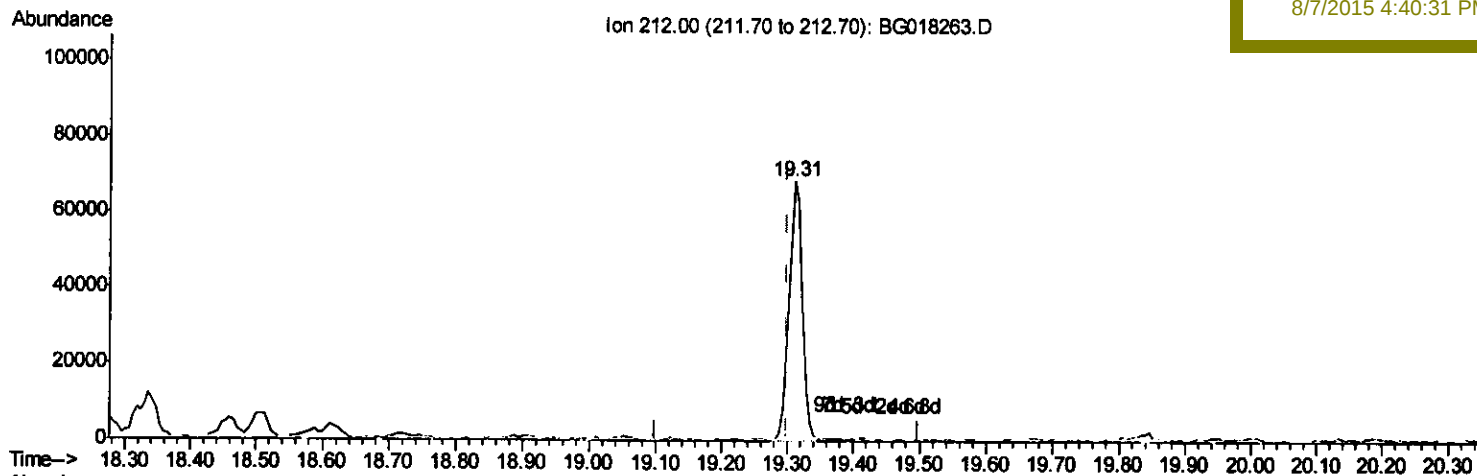
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(79) Pyrene-d10 (S)

19.310min (+0.012) 13.55ng/ul m

response 97901

T.P
 8/8/15

Ion	Exp%	Act%
212.00	100	100
106.00	11.40	6.50#
104.00	7.60	4.75#
0.00	0.00	0.00

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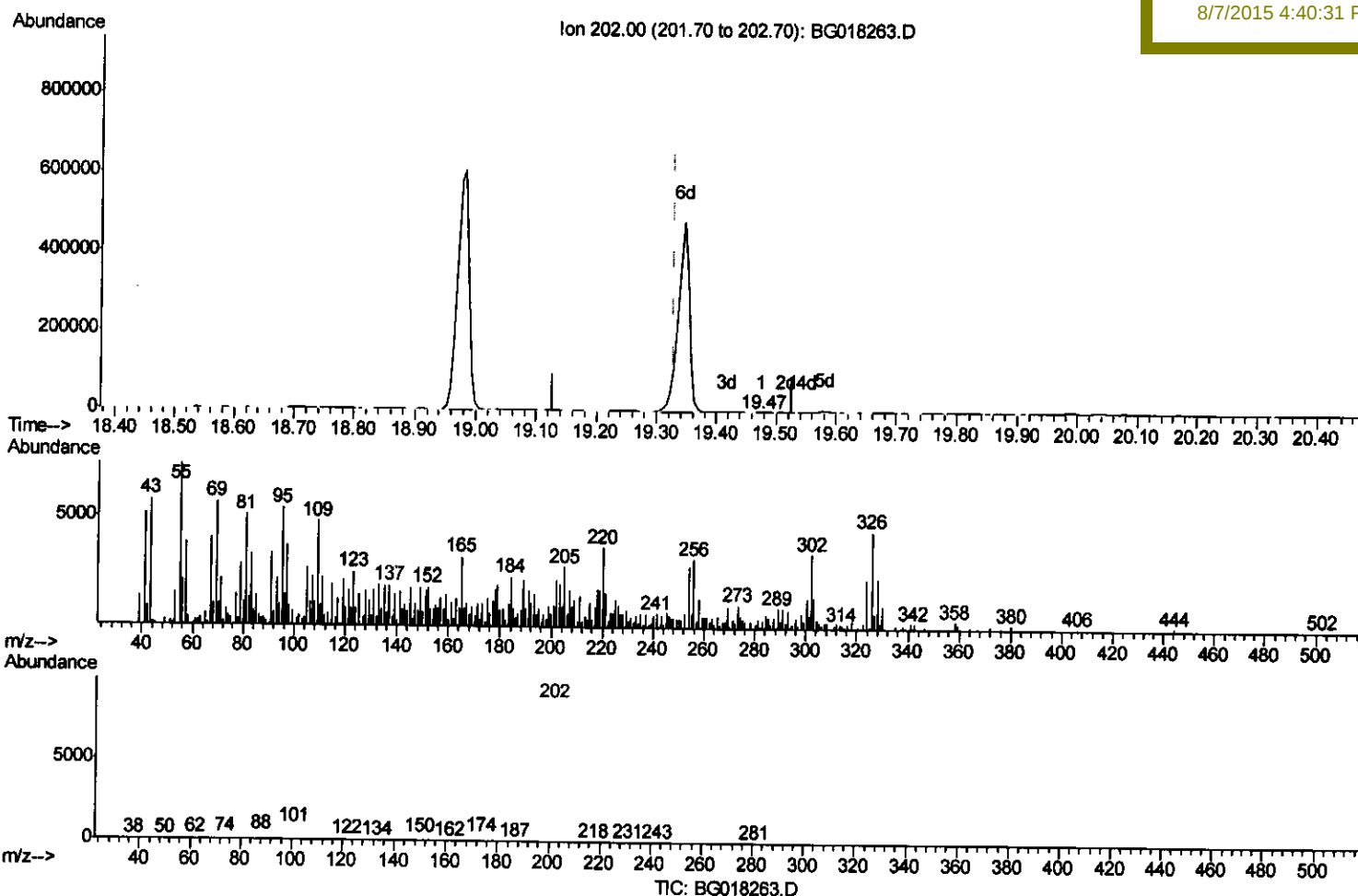
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(80) Pyrene

19.475min (+0.147) 0.12ng/ul

response 1108

Ion	Exp%	Act%
202.00	100	100
101.00	10.10	19.51#
100.00	9.20	0.00#
0.00	0.00	0.00

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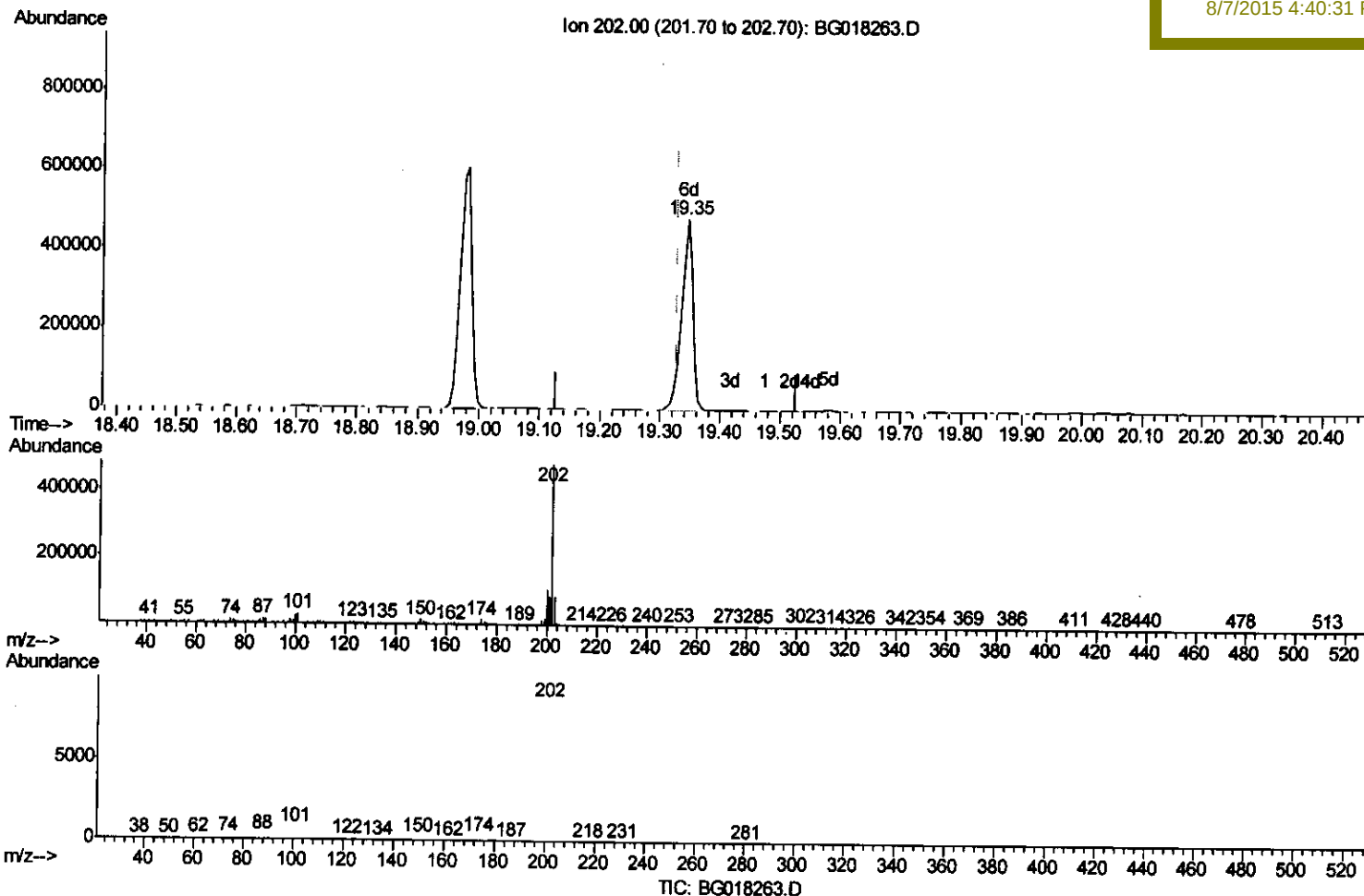
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(80) Pyrene

19.345min (+0.018) 69.75ng/ul m

response 631670

T.P
8/8/15

Ion	Exp%	Act%
202.00	100	100
101.00	10.10	6.31#
100.00	9.20	5.66#
0.00	0.00	0.00

Quantitation Report (Qedit)

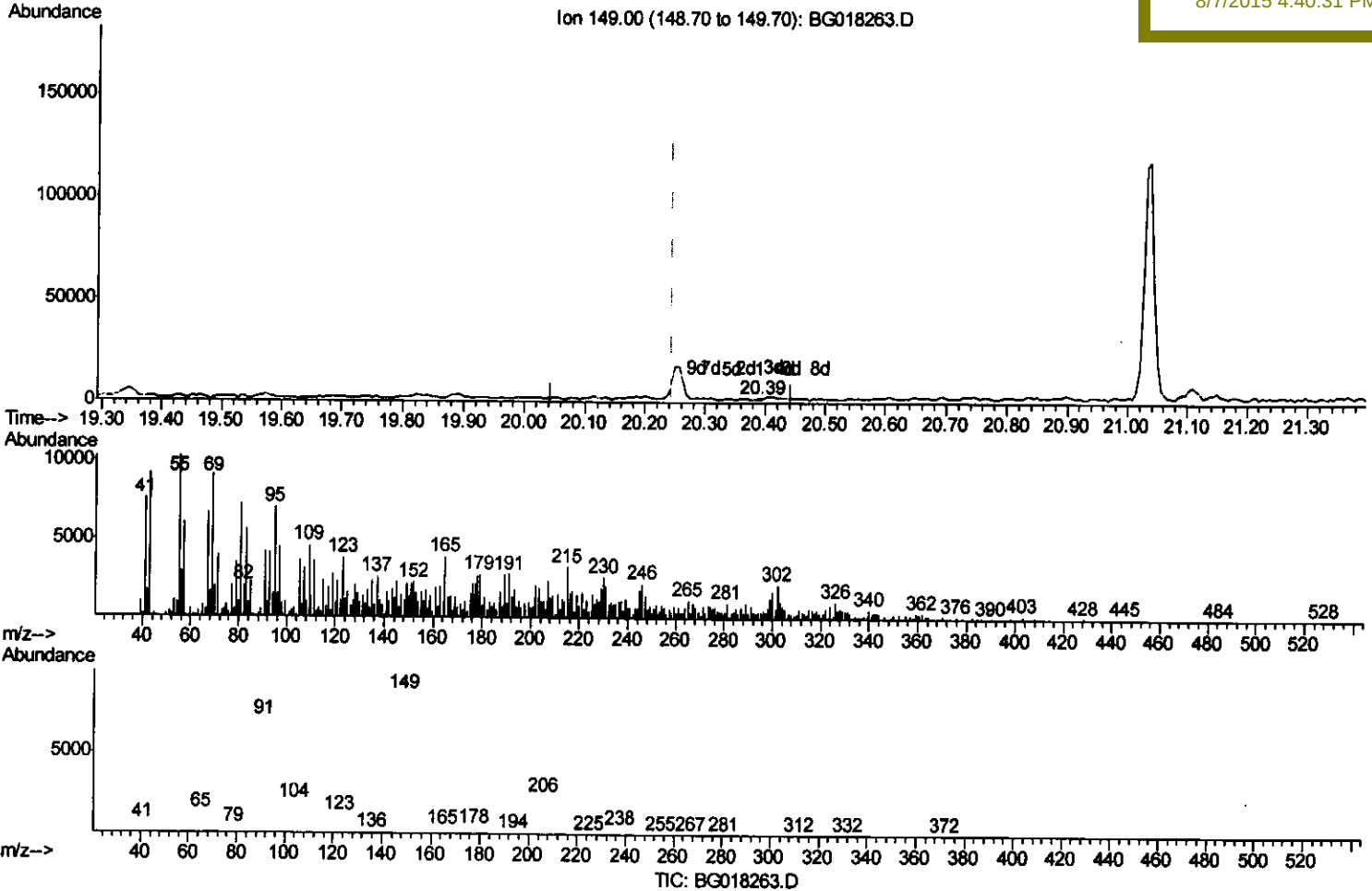
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 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 C02F5

Manual Integrations
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(81) Butylbenzylphthalate

20.391min (+0.147) 0.21ng/ul

response 774

Ion	Exp%	Act%
149.00	100	100
91.00	58.20	188.51#
206.00	27.30	31.17
0.00	0.00	0.00

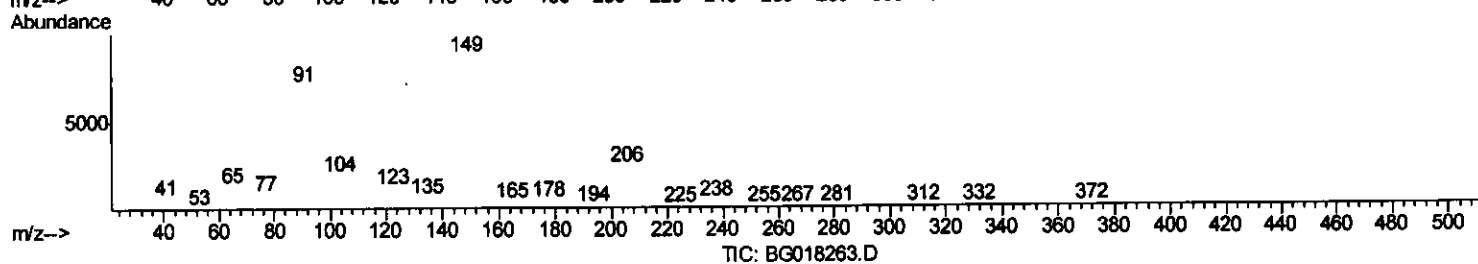
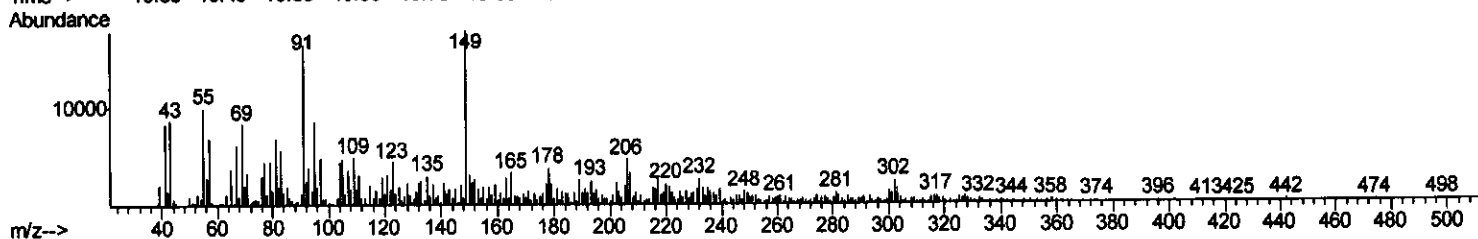
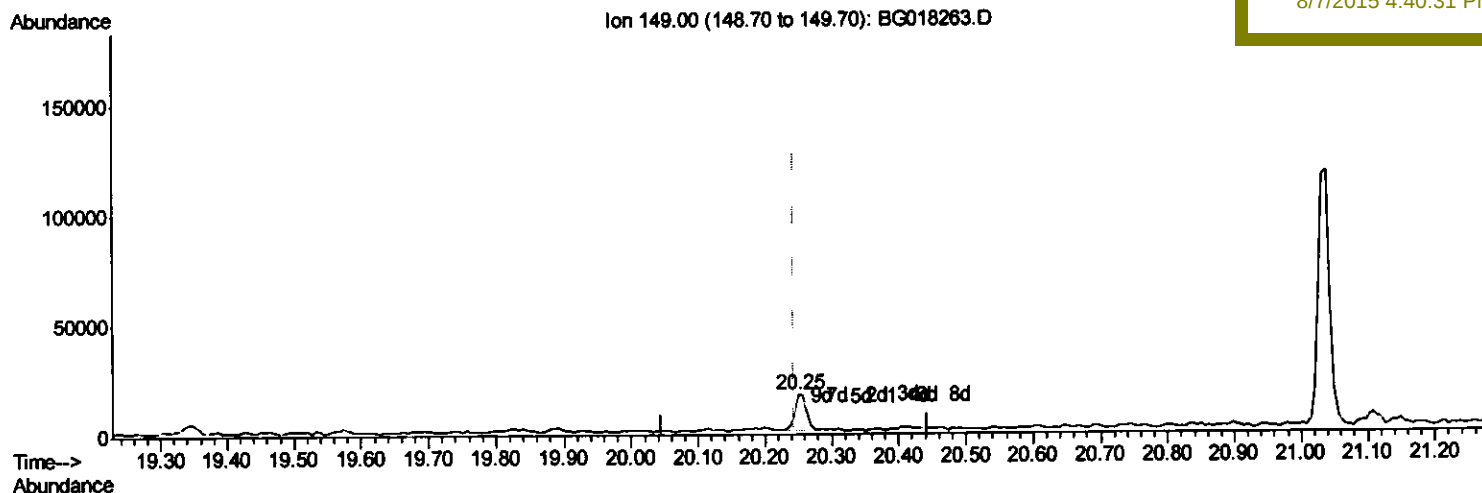
```
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\  
Data File : BG018263.D  
Acq On    : 4 Aug 2015 21:15  
Operator  : UM/TP  
Sample    : G3109-21  
Misc      :  
ALS Vial  : 21 Sample Multiplier: 1
```

Instrument :
BNA_G
ClientSampleId :
C02F5

Manual Integrations APPROVED

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Quant Time: Aug 05 02:30:26 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
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20.250min (+0.006) 5.32ng/ul m

response 19584

T.P
8 | 8 | 15

Ion	Exp%	Act%
149.00	100	100
91.00	58.20	91.84#
206.00	27.30	26.58
0.00	0.00	0.00

Quantitation Report (Qedit)

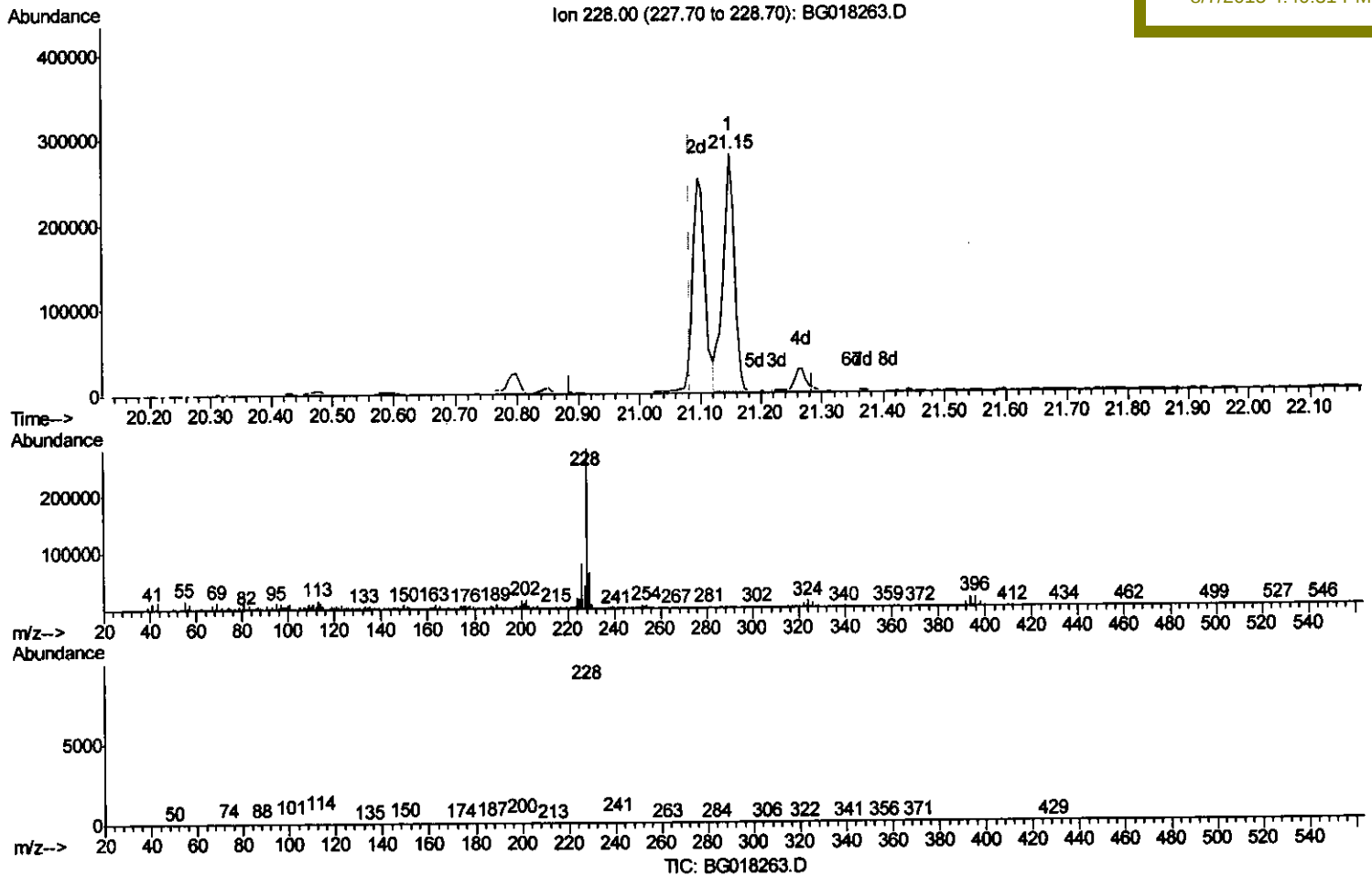
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
 Data File : BG018263.D
 Acq On : 4 Aug 2015 21:15
 Operator : UM/TP
 Sample : G3109-21
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C02F5

Quant Time: Aug 05 02:30:26 2015
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Manual Integrations
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(83) Benzo(a)anthracene

21.149min (+0.065) 45.58ng/ul

response 366483

Ion	Exp%	Act%
228.00	100	100
229.00	20.60	22.62
226.00	26.90	28.00
0.00	0.00	0.00

Quantitation Report (Qedit)

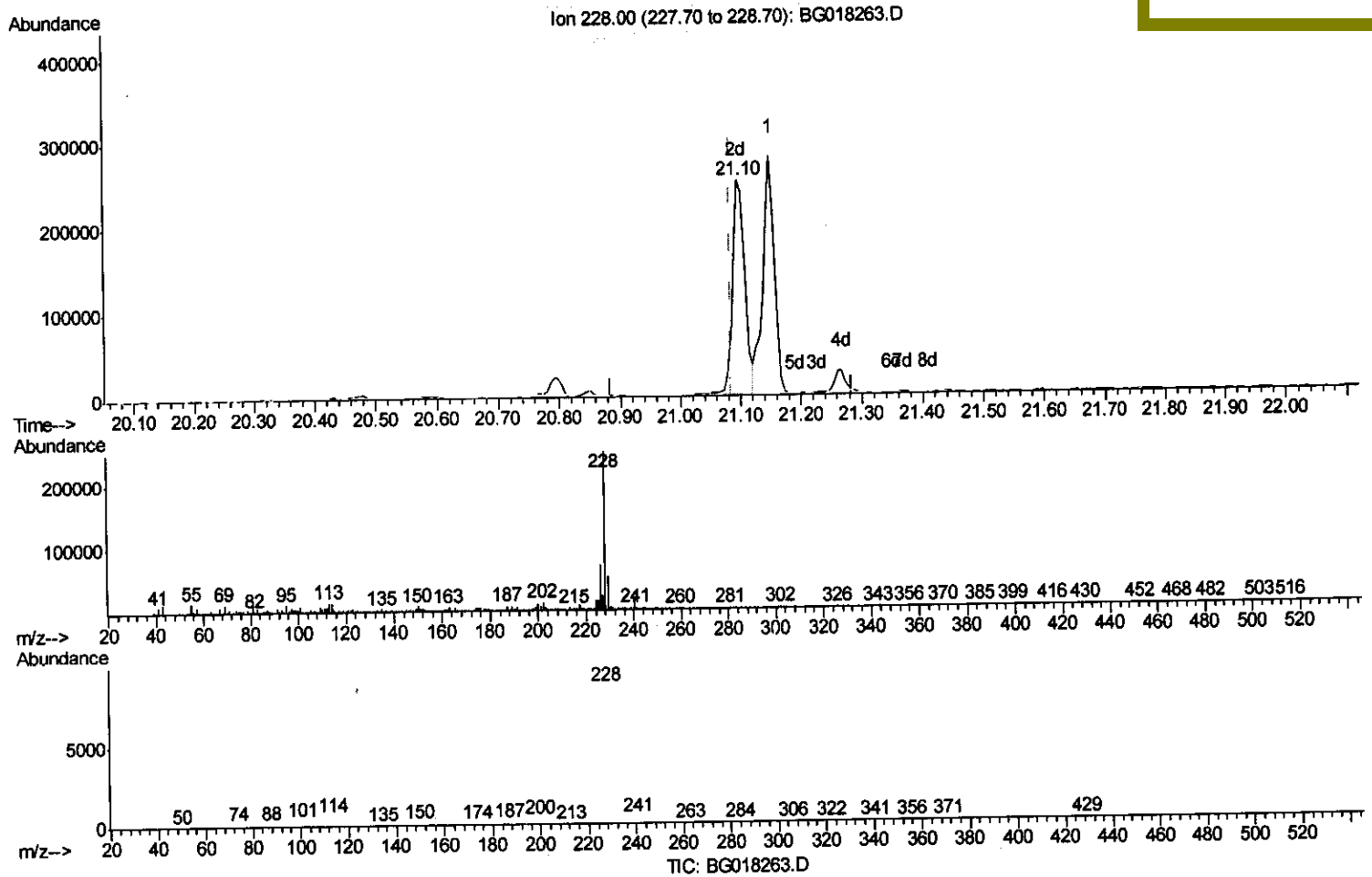
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
 Data File : BG018263.D
 Acq On : 4 Aug 2015 21:15
 Operator : UM/TP
 Sample : G3109-21
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C02F5

Quant Time: Aug 05 02:30:26 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
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Manual Integrations
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(83) Benzo(a)anthracene

21.096min (+0.012) 43.58ng/ul m

response 350393

Ion	Exp%	Act%
228.00	100	100
229.00	20.60	21.49
226.00	26.90	28.10
0.00	0.00	0.00

T.P
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Quantitation Report (Qedit)

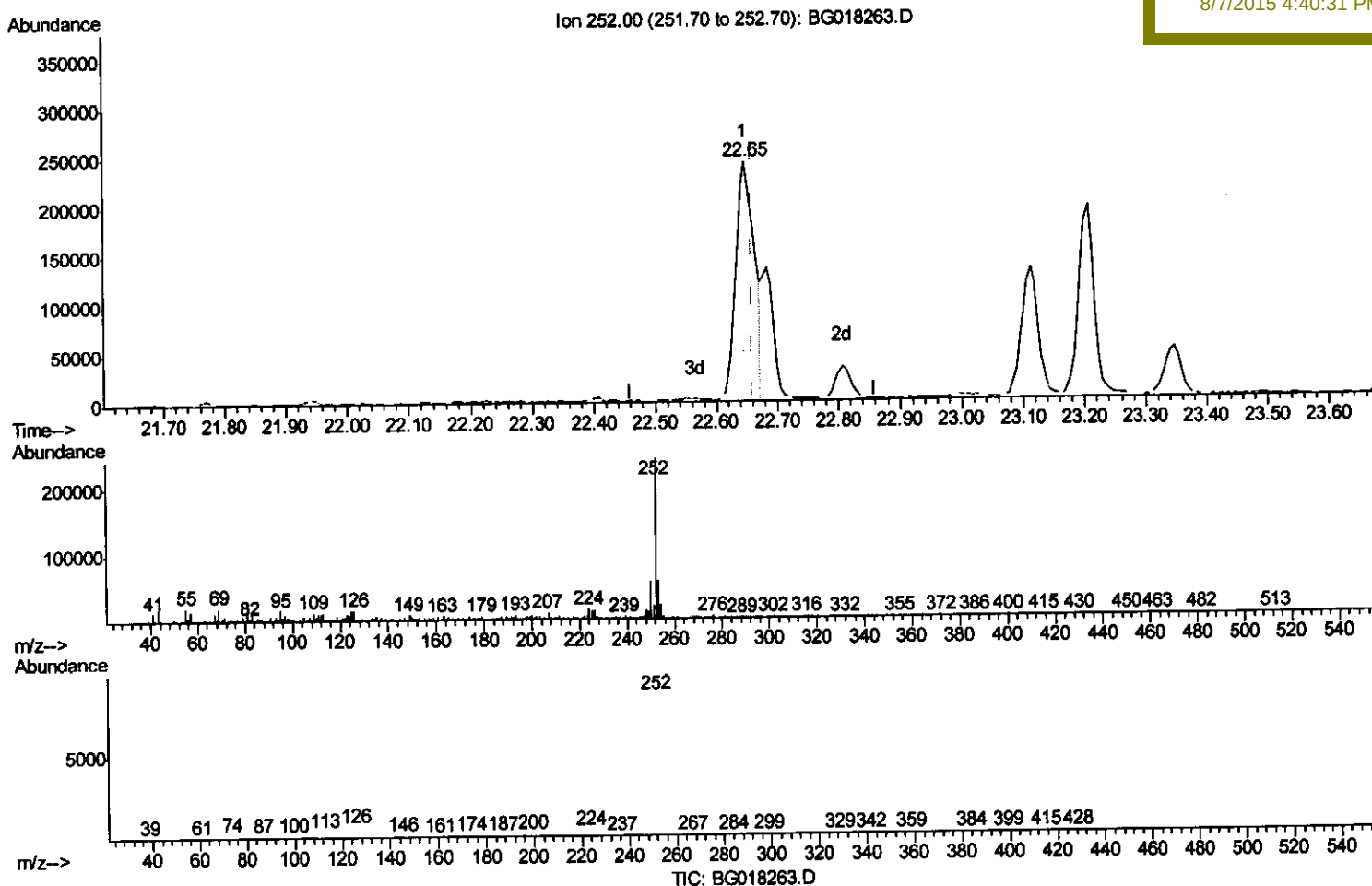
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
 Data File : BG018263.D
 Acq On : 4 Aug 2015 21:15
 Operator : UM/TP
 Sample : G3109-21
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Quant Time: Aug 05 02:30:26 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
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Manual Integrations
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(89) Benzo(k)fluoranthene

22.647min (-0.012) 61.99ng/ul

response 507620

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	24.16
125.00	9.40	6.07#
0.00	0.00	0.00

Quantitation Report (Qedit)

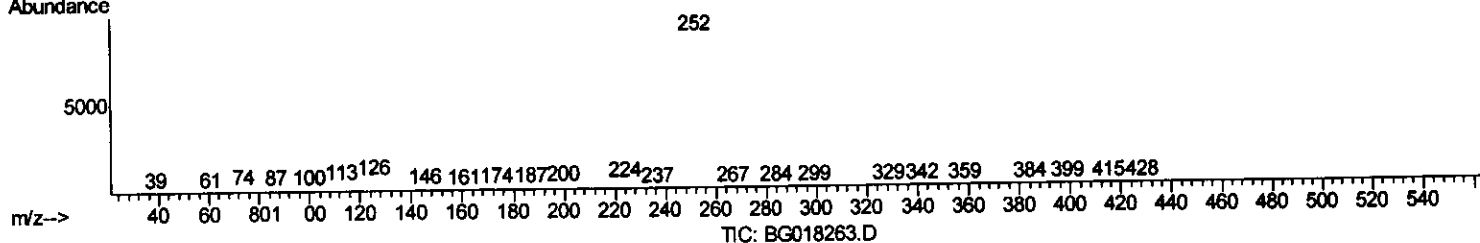
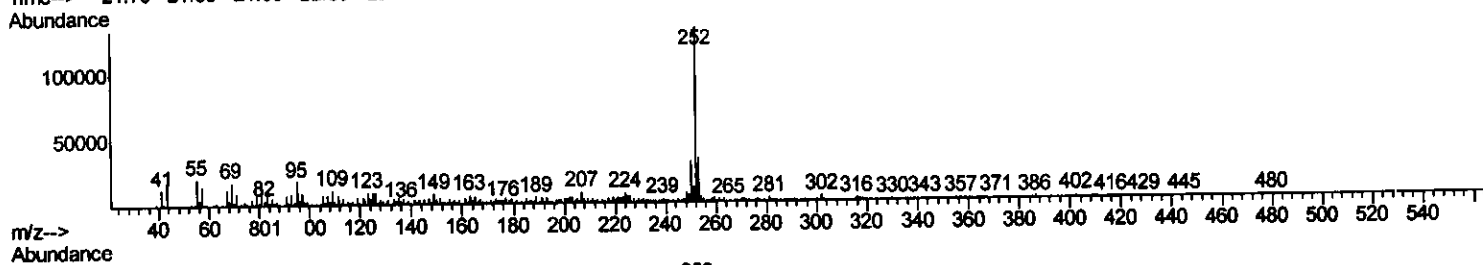
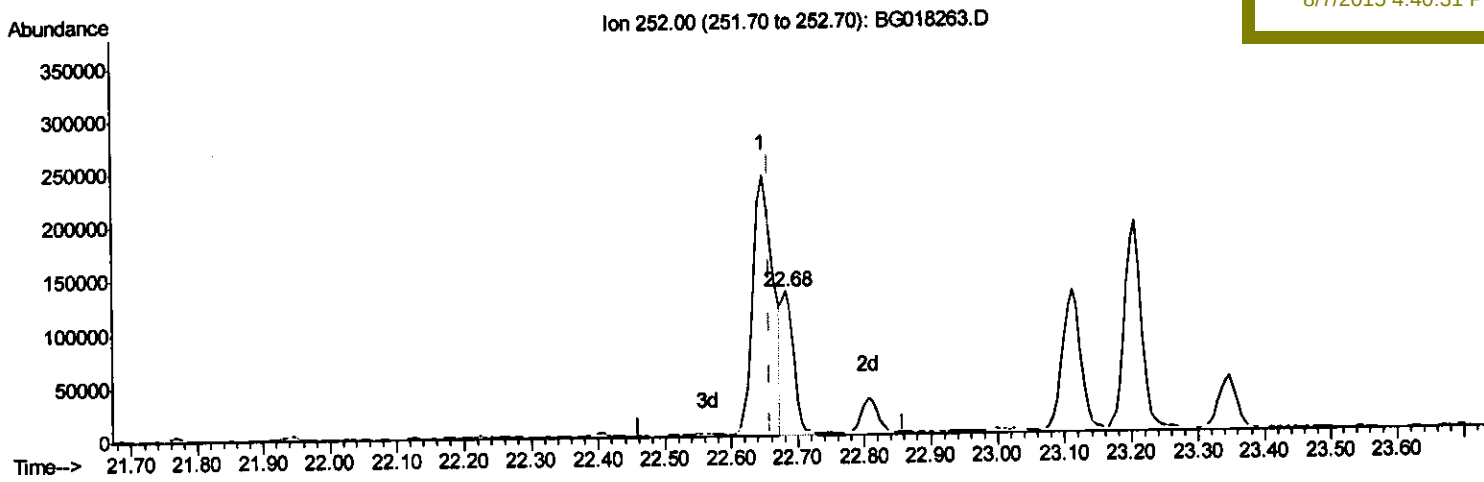
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018263.D
Acq On : 4 Aug 2015 21:15
Operator : UM/TP
Sample : G3109-21
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 05 02:30:26 2015
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QLast Update : Wed Aug 05 02:27:11 2015
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Instrument :
BNA_G
ClientSampleId :
C02F5

Manual Integrations
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MMDadoda
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(89) Benzo(k)fluoranthene

22.683min (+0.024) 22.03ng/ul m

response 180390

Ion Exp% Act%

252.00	100	100
253.00	22.70	25.53
125.00	9.40	6.77#
0.00	0.00	0.00

T.P
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Quantitation Report (Qedit)

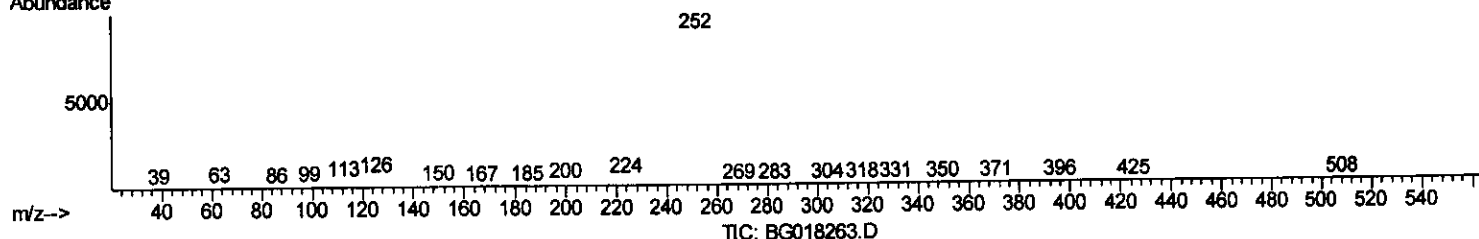
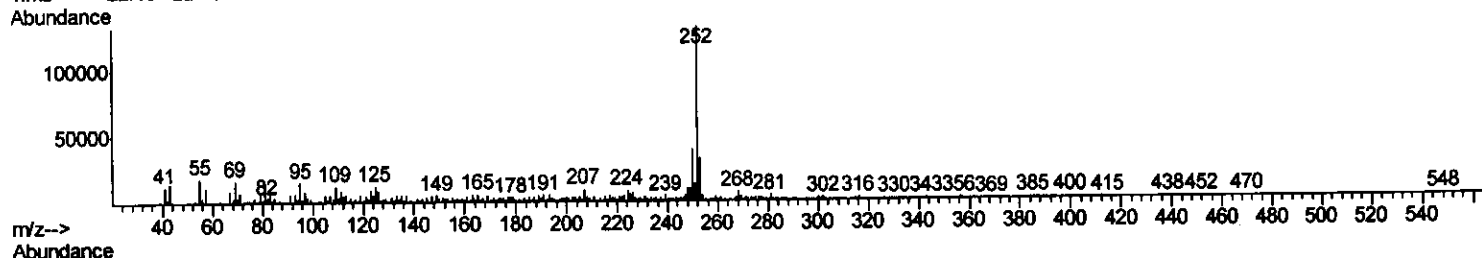
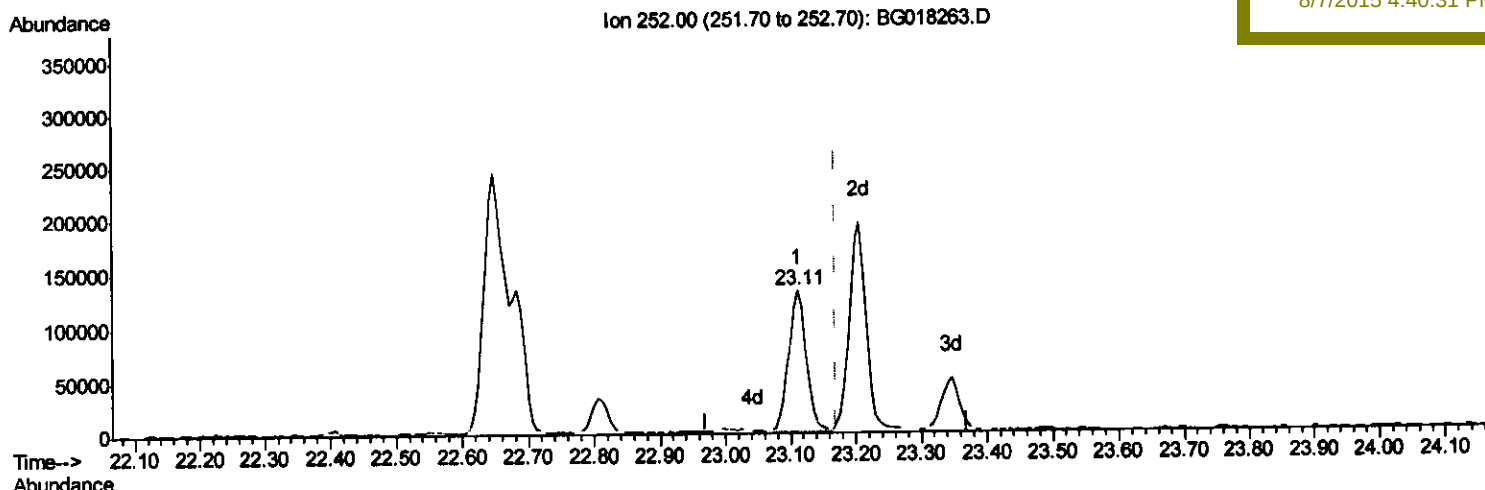
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
 Data File : BG018263.D
 Acq On : 4 Aug 2015 21:15
 Operator : UM/TP
 Sample : G3109-21
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C02F5

Quant Time: Aug 05 02:30:26 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
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Manual Integrations
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(91) Benzo(a)pyrene (C)

23.112min (-0.059) 31.04ng/ul

response 247433

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	24.71
125.00	9.10	9.06
0.00	0.00	0.00

Quantitation Report (Qedit)

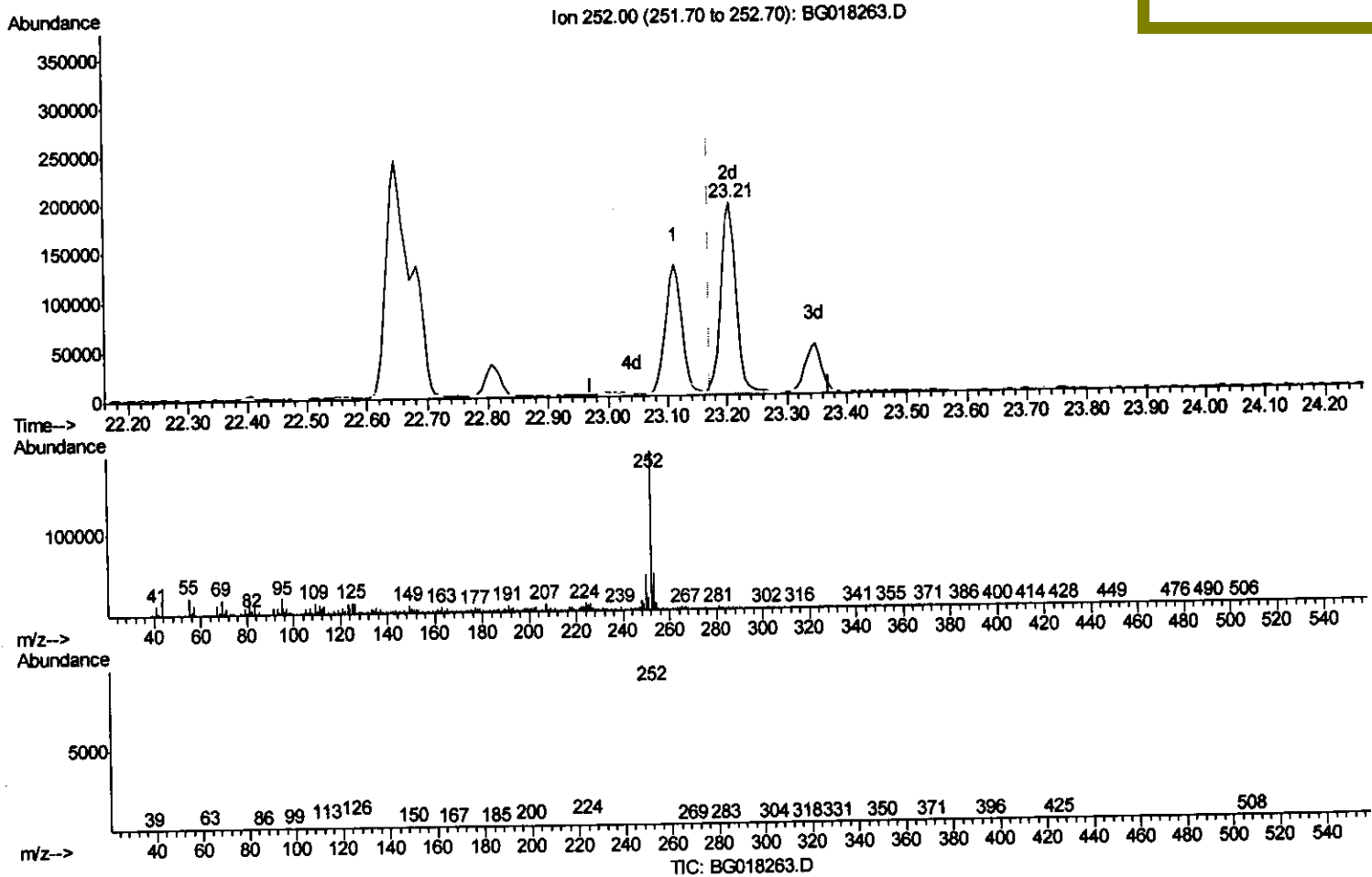
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
 Data File : BG018263.D
 Acq On : 4 Aug 2015 21:15
 Operator : UM/TP
 Sample : G3109-21
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C02F5

Quant Time: Aug 05 02:30:26 2015
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Manual Integrations
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(91) Benzo(a)pyrene (C)

23.206min (+0.035) 43.37ng/ul m

response 345716

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	23.38
125.00	9.10	7.13#
0.00	0.00	0.00

T.P
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(LSC Reviewed)

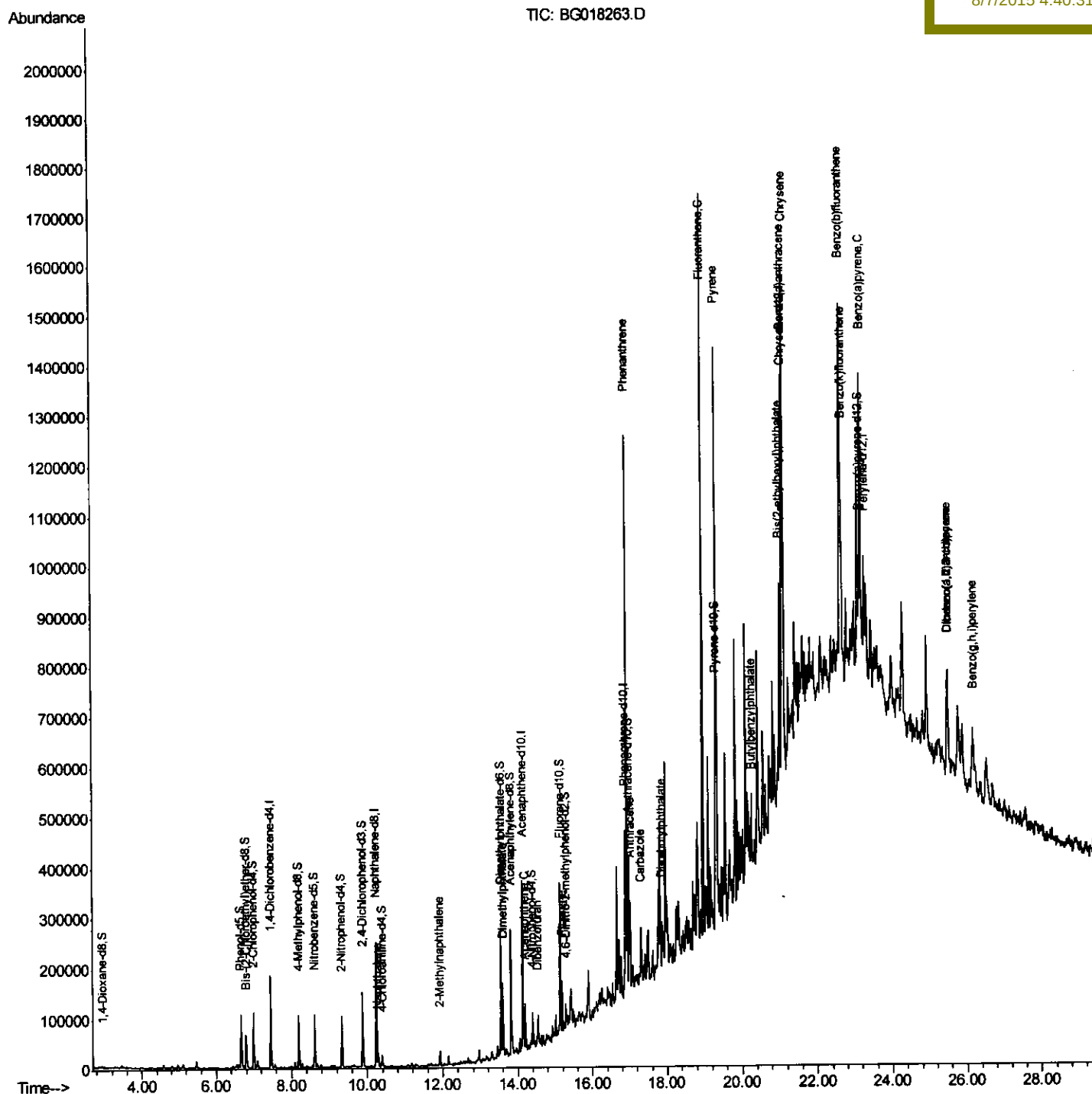
Data Path : Z:\HPCHEM1\BNA_G\Data\BG080415\
Data File : BG018263.D
Acq On : 4 Aug 2015 21:15
Operator : UM/TP
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ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C02F5

Quant Time: Aug 14 03:04:14 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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Data Path : Z:\HPCHEM1\BNA_G\Data\BG080415\
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 Operator : UM/TP
 Sample : G3109-21
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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	7.45	152	44700	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	190644	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	110952	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.90	188	174216m	20.00	ng/ul	0.00
78) Chrysene-d12	21.11	240	149307m	20.00	ng/ul	0.01
86) Perylene-d12	23.29	264	148326	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.94	96	664	1.12	ng/uL	0.00
5) Phenol-d5	6.66	99	52549	13.07	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.80	67	27197	13.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	45819	15.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	36126	11.04	ng/ul	0.00
19) Nitrobenzene-d5	8.61	128	23053	15.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.33	143	28458	16.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.88	165	49578	16.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	12436	3.28	ng/ul	0.01
44) Dimethylphthalate-d6	13.55	166	148319	17.30	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	167888	16.89	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	17419	10.98	ng/ul	0.01
58) Fluorene-d10	15.14	176	117054	15.09	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.29	200	9387m	7.72	ng/ul	0.00
71) Anthracene-d10	17.00	188	126493	16.70	ng/ul	0.00
79) Pyrene-d10	19.31	212	97901m	13.55	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.16	264	116990	15.60	ng/ul	0.03

Target Compounds

						Qvalue
28) Naphthalene	10.29	128	19661	2.14	ng/ul	96
34) 2-Methylnaphthalene	11.92	142	12356	1.70	ng/ul	99
45) Dimethylphthalate	13.60	163	78485	9.20	ng/ul	99
50) Acenaphthene	14.20	153	33965	5.28	ng/ul	96
54) Dibenzofuran	14.54	168	27282	2.82	ng/ul#	68
59) Fluorene	15.19	166	38558	4.61	ng/ul	99
70) Phenanthrene	16.94	178	609524m	68.87	ng/ul	
72) Anthracene	17.03	178	101806	11.56	ng/ul	99
75) Carbazole	17.31	167	55135	7.54	ng/ul	98
76) Di-n-butylphthalate	17.88	149	61913m	6.36	ng/ul	
77) Fluoranthene	18.98	202	797473m	82.04	ng/ul	
80) Pyrene	19.35	202	631670m	69.75	ng/ul	
81) Butylbenzylphthalate	20.25	149	19584m	5.32	ng/ul	
83) Benzo(a)anthracene	21.10	228	350393m	43.58	ng/ul	
84) Bis(2-ethylhexyl)phthalate	21.04	149	136783	27.56	ng/ul	97
85) Chrysene	21.15	228	366483	49.76	ng/ul	97
88) Benzo(b)fluoranthene	22.65	252	507620	56.97	ng/ul#	96
89) Benzo(k)fluoranthene	22.68	252	180390m	22.03	ng/ul	
91) Benzo(a)pyrene	23.21	252	345716m	43.37	ng/ul	
92) Indeno(1,2,3-cd)pyrene	25.51	276	192495	20.87	ng/ul#	84
93) Dibenzo(a,h)anthracene	25.50	278	58906	7.46	ng/ul	92
94) Benzo(g,h,i)perylene	26.20	276	149222	19.81	ng/ul#	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed