

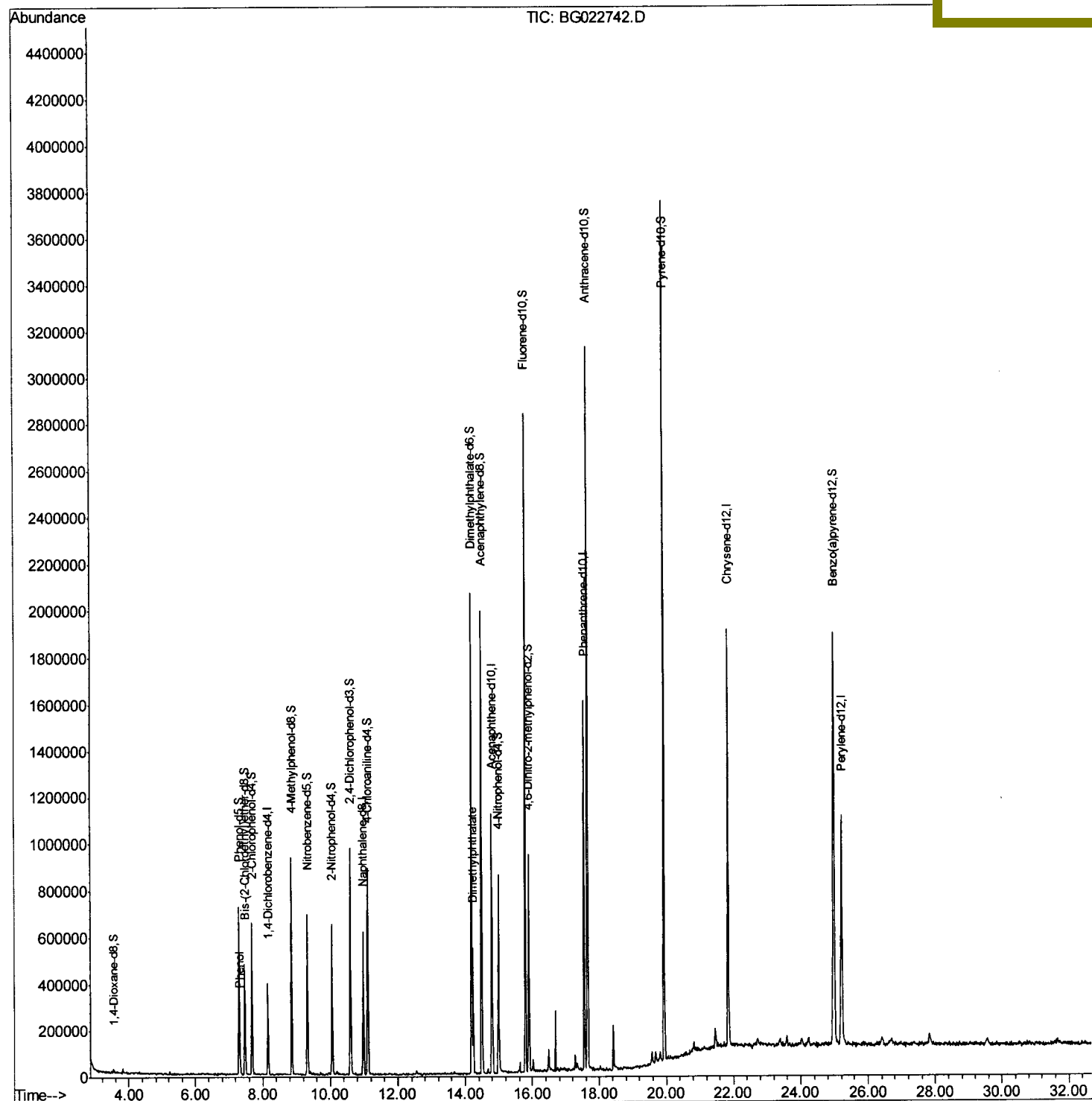
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG063016\
Data File : BG022742.D
Acq On : 1 Jul 2016 1:00
Operator : UM/SJ
Sample : H3759-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
Client Sampled :
BDHP4

Quant Time: Jul 01 04:58:16 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 01 03:35:17 2016
Response via : Initial Calibration

Manual Integrations
APPROVED

sohil
7/1/2016 7:05:17 PM



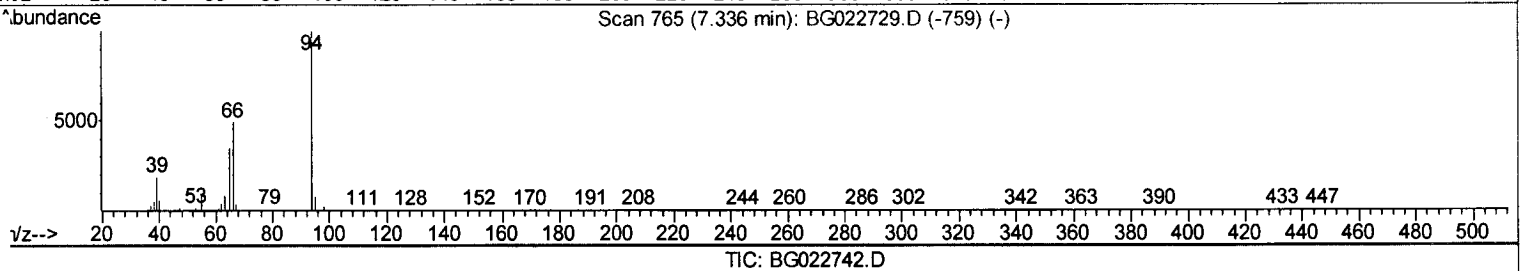
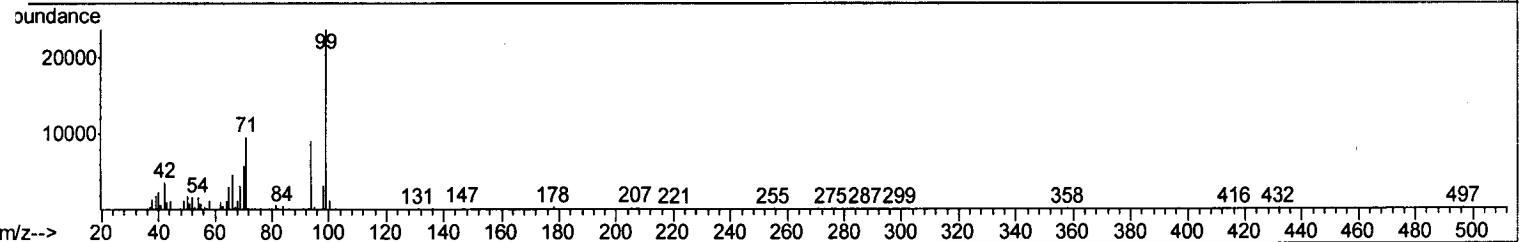
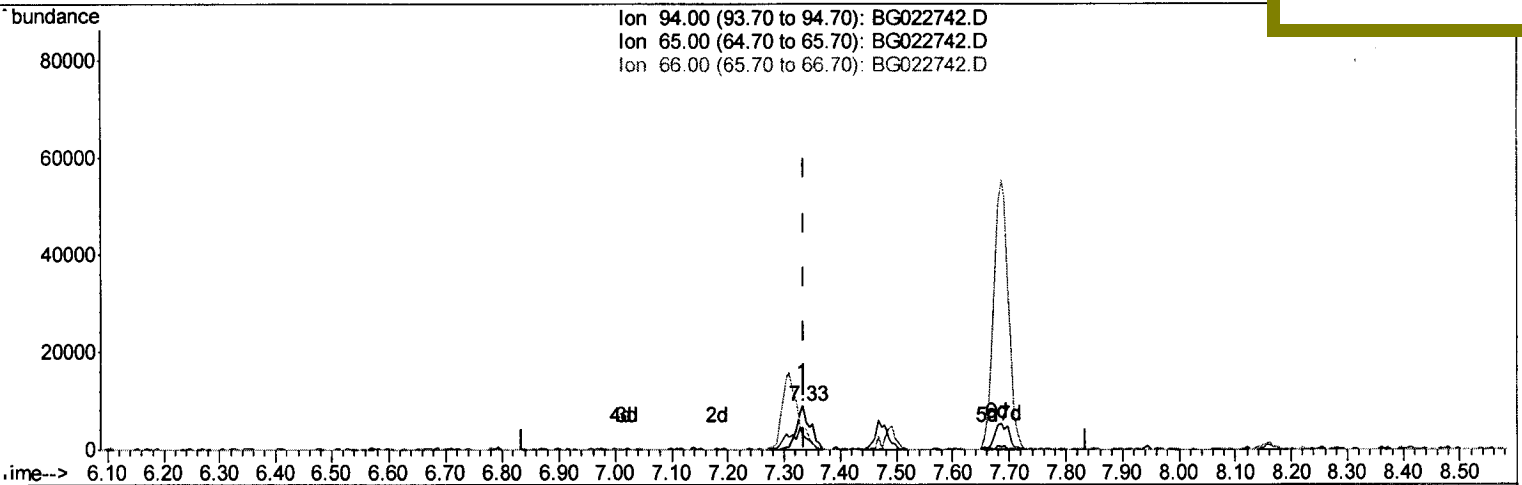
```
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG063016\  
Data File : BG022742.D  
Acq On    : 1 Jul 2016    1:00  
Operator  : UM/SJ  
Sample    : H3759-14  
Misc      :  
ALS Vial  : 15    Sample Multiplier: 1
```

Instrument :
BNA_G
ClientSampleId :
BDHP4

Manual Integrations

sohil
7/1/2016 7:05:17 PM

Quant Time: Jul 01 04:55:47 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 01 03:35:17 2016
Response via : Initial Calibration



TIC: BG022742.D

(6) Phenol

7.333min (-0.003) 1.40ng/ul m U, M,

response 15460

07/02/16

Ion	Exp%	Act%
-----	------	------

94.00	100	100
-------	-----	-----

65.00 21.00 33.26#

66.00 28.20 51.13#

0.00	0.00	0.00
------	------	------

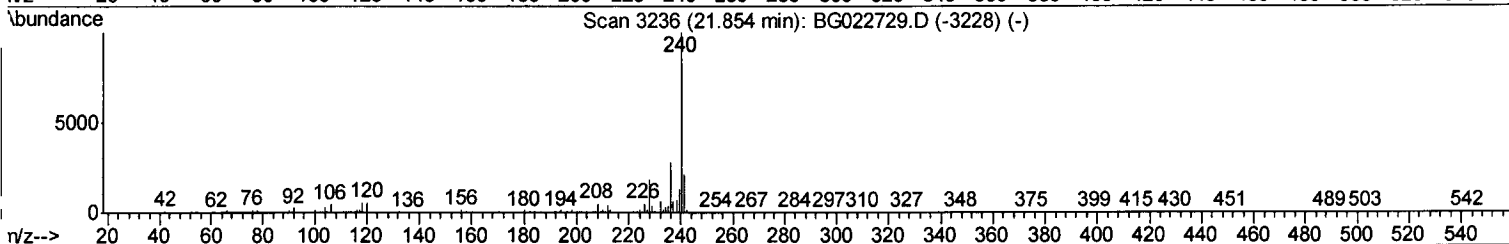
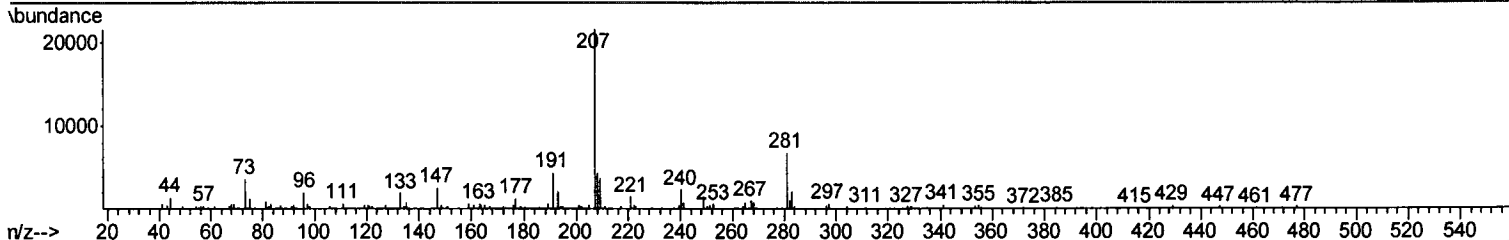
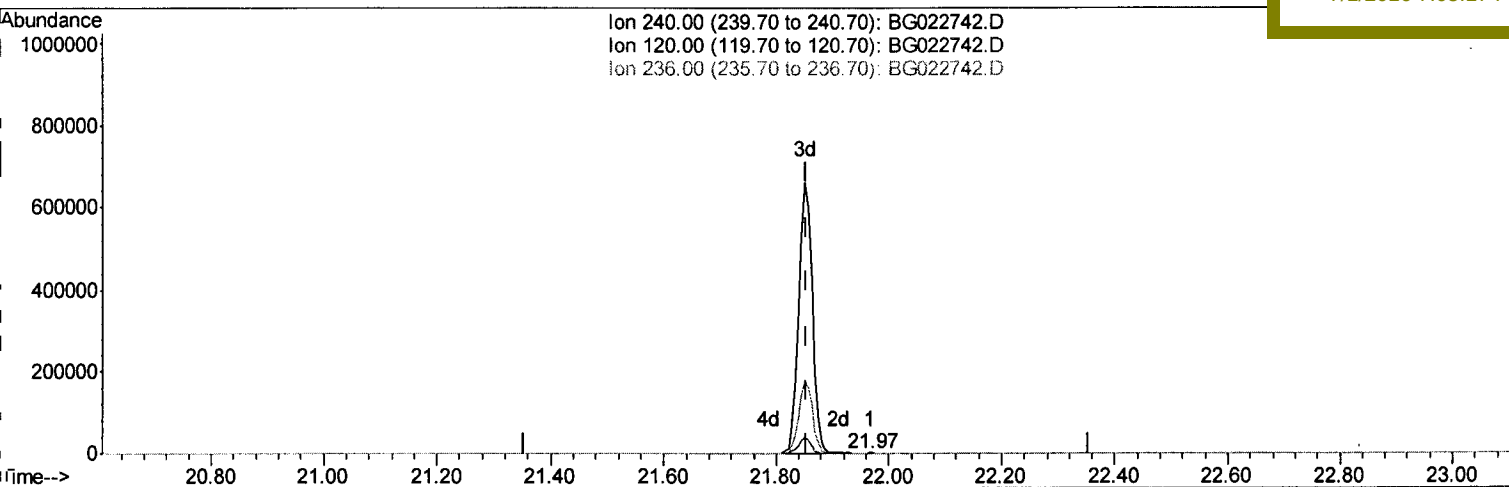
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG063016\
Data File : BG022742.D
Acq On : 1 Jul 2016 1:00
Operator : UM/SJ
Sample : H3759-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDHP4

Quant Time: Jul 01 03:38:37 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 01 03:35:17 2016
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Manual Integrations
APPROVED

sohil
7/1/2016 7:05:17 PM



TIC: BG022742.D

(75) Chrysene-d12 (I)

21.968min (+0.114) 20.00ng/ul

response 1978

Ion	Exp%	Act%
240.00	100	100
120.00	14.40	25.27#
236.00	26.10	14.22#
0.00	0.00	0.00

Quantitation Report (Qedit)

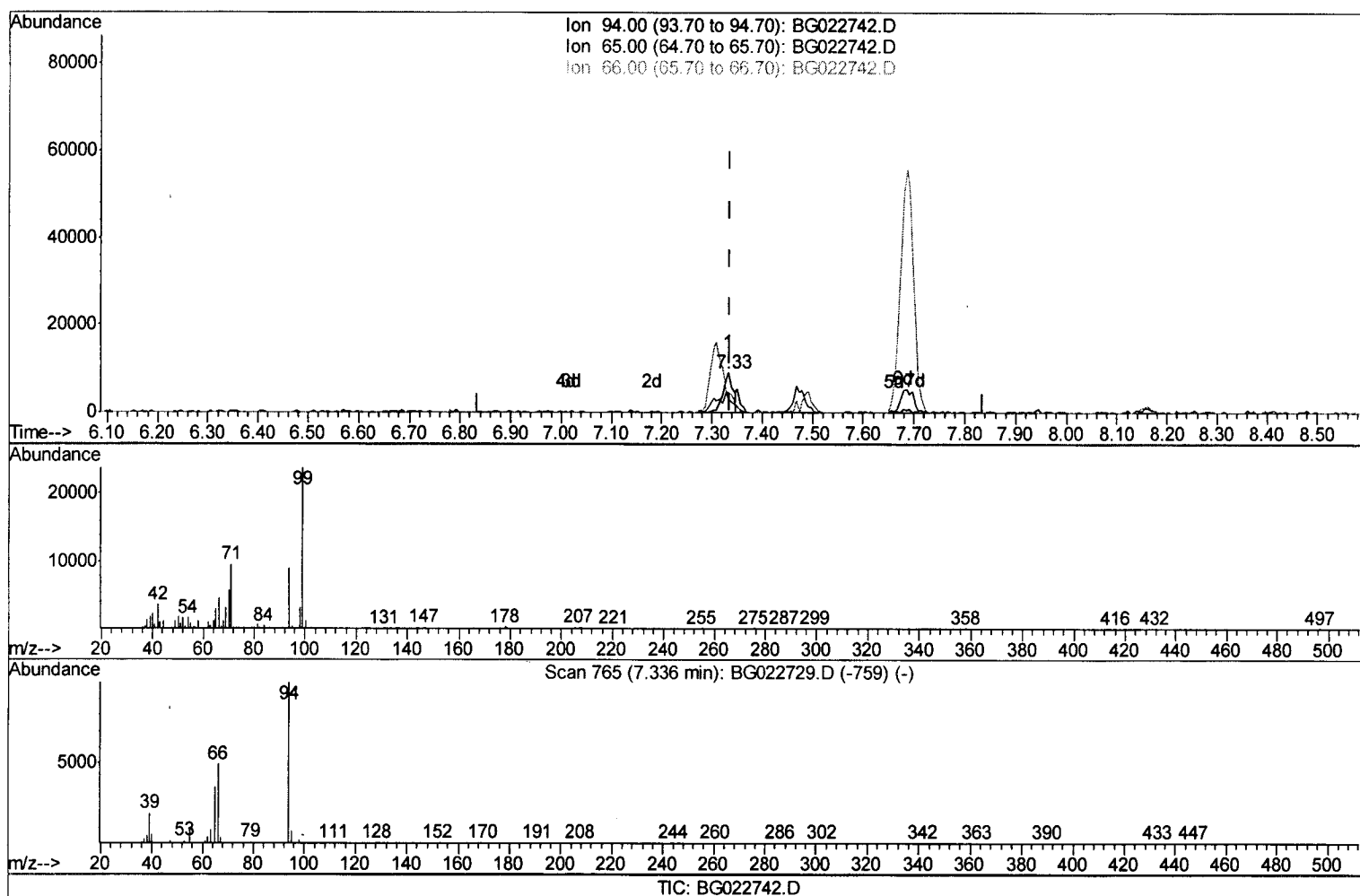
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG063016\
 Data File : BG022742.D
 Acq On : 1 Jul 2016 1:00
 Operator : UM/SJ
 Sample : H3759-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDHP4

Manual Integrations
 APPROVED

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Quant Time: Jul 01 04:55:47 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 01 03:35:17 2016
 Response via : Initial Calibration



(6) Phenol

7.333min (-0.003) 1.11ng/ul

response 12254

Ion	Exp%	Act%
94.00	100	100
65.00	21.00	33.26#
66.00	28.20	51.13#
0.00	0.00	0.00

Quantitation Report (Qedit)

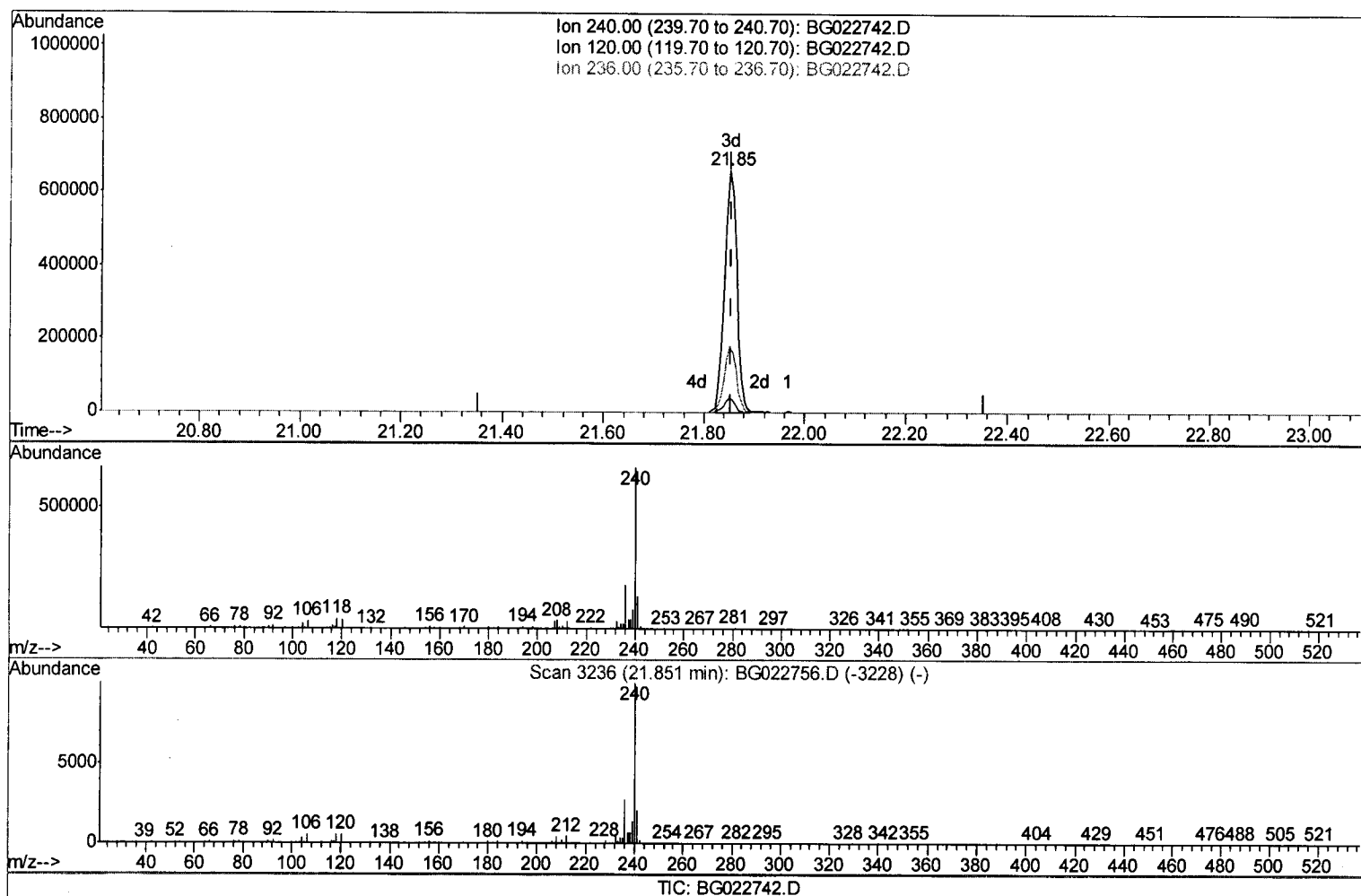
Data Path : Z:\HPCHEM1\BNA_G\Data\BG063016\
 Data File : BG022742.D
 Acq On : 1 Jul 2016 1:00
 Operator : UM/SJ
 Sample : H3759-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDHP4

Manual Integrations
 APPROVED

sohil
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Quant Time: Jul 01 04:58:16 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
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 QLast Update : Fri Jul 01 03:35:17 2016
 Response via : Initial Calibration



TIC: BG022742.D

(75) Chrysene-d12 (I)

21.851min (-0.003) 20.00ng/ul m

response 1098444

V.M.
 07/02/16

Ion	Exp%	Act%
240.00	100	100
120.00	14.40	5.83#
236.00	26.10	27.17
0.00	0.00	0.00

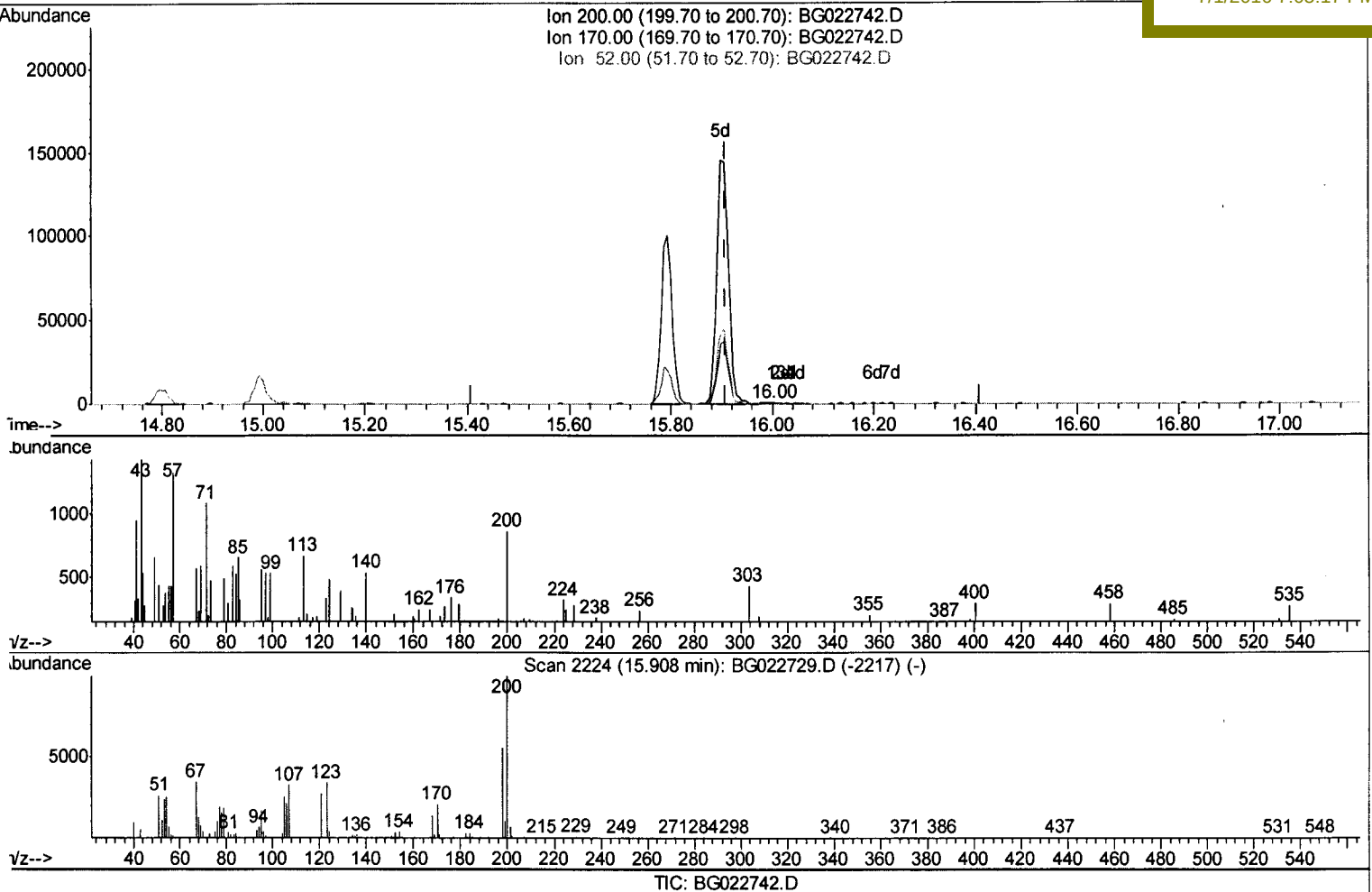
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG063016\
Data File : BG022742.D
Acq On : 1 Jul 2016 1:00
Operator : UM/SJ
Sample : H3759-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDHP4

Manual Integrations
APPROVED

sohil
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Quant Time: Jul 01 03:38:37 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 01 03:35:17 2016
Response via : Initial Calibration



(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.999min (+0.091) 0.07ng/ul

response 471

Ion	Exp%	Act%
200.00	100	100
170.00	15.20	0.00#
52.00	32.20	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

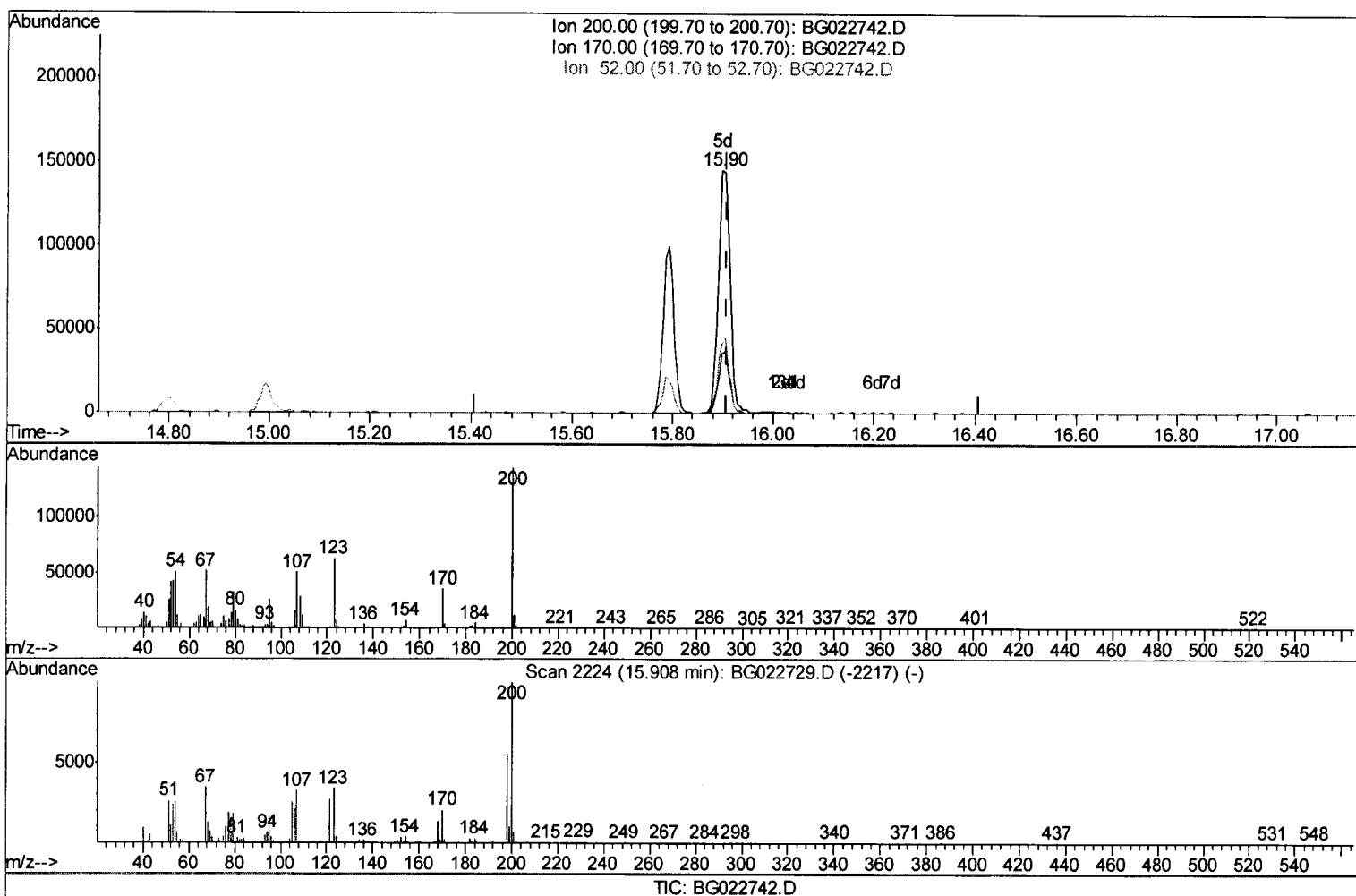
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG063016\
 Data File : BG022742.D
 Acq On : 1 Jul 2016 1:00
 Operator : UM/SJ
 Sample : H3759-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDHP4

Manual Integrations
 APPROVED

sohil
 7/1/2016 7:05:17 PM

Quant Time: Jul 01 03:38:37 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 01 03:35:17 2016
 Response via : Initial Calibration



(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.899min (-0.009) 36.98ng/ul m U.M.

response 232443

07/02/16

Ion	Exp%	Act%
200.00	100	100
170.00	15.20	24.61#
52.00	32.20	28.81
0.00	0.00	0.00

Quantitation Report (Qedit)

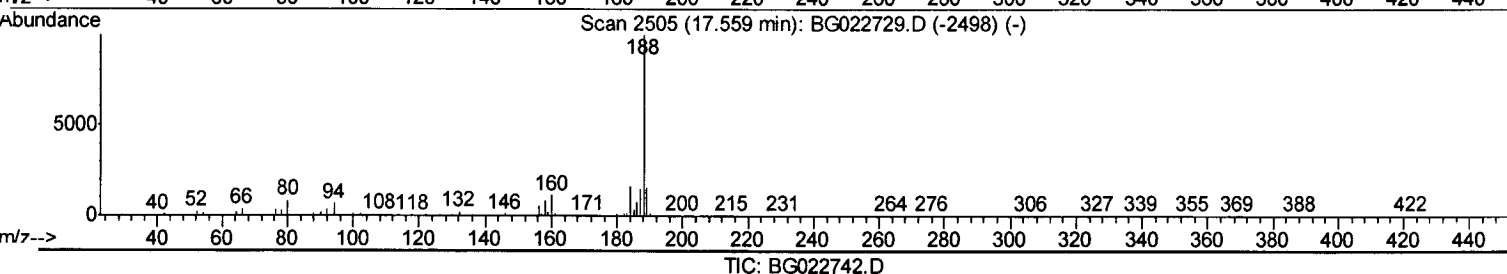
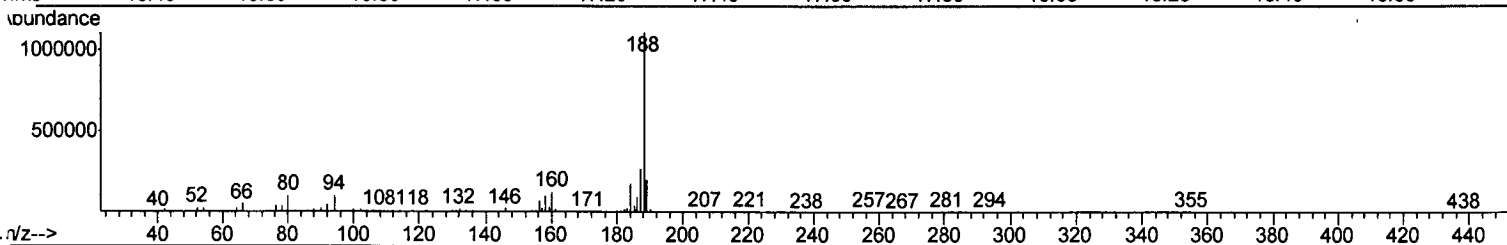
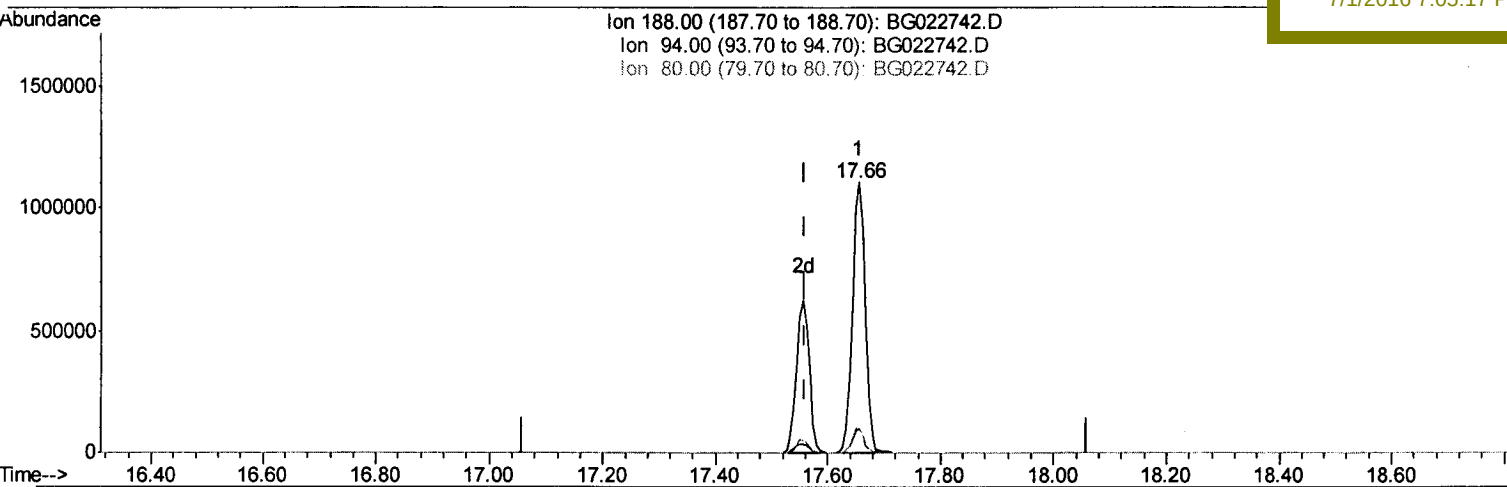
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG063016\
Data File : BG022742.D
Acq On : 1 Jul 2016 1:00
Operator : UM/SJ
Sample : H3759-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDHP4

Quant Time: Jul 01 03:38:37 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 01 03:35:17 2016
Response via : Initial Calibration

Manual Integrations
APPROVED

sohil
7/1/2016 7:05:17 PM



(61) Phenanthrene-d10 (I)

17.656min (+0.097) 20.00ng/ul

response 1744185

Ion	Exp%	Act%
188.00	100	100
94.00	10.30	8.94
80.00	10.90	8.93
0.00	0.00	0.00

Quantitation Report (Qedit)

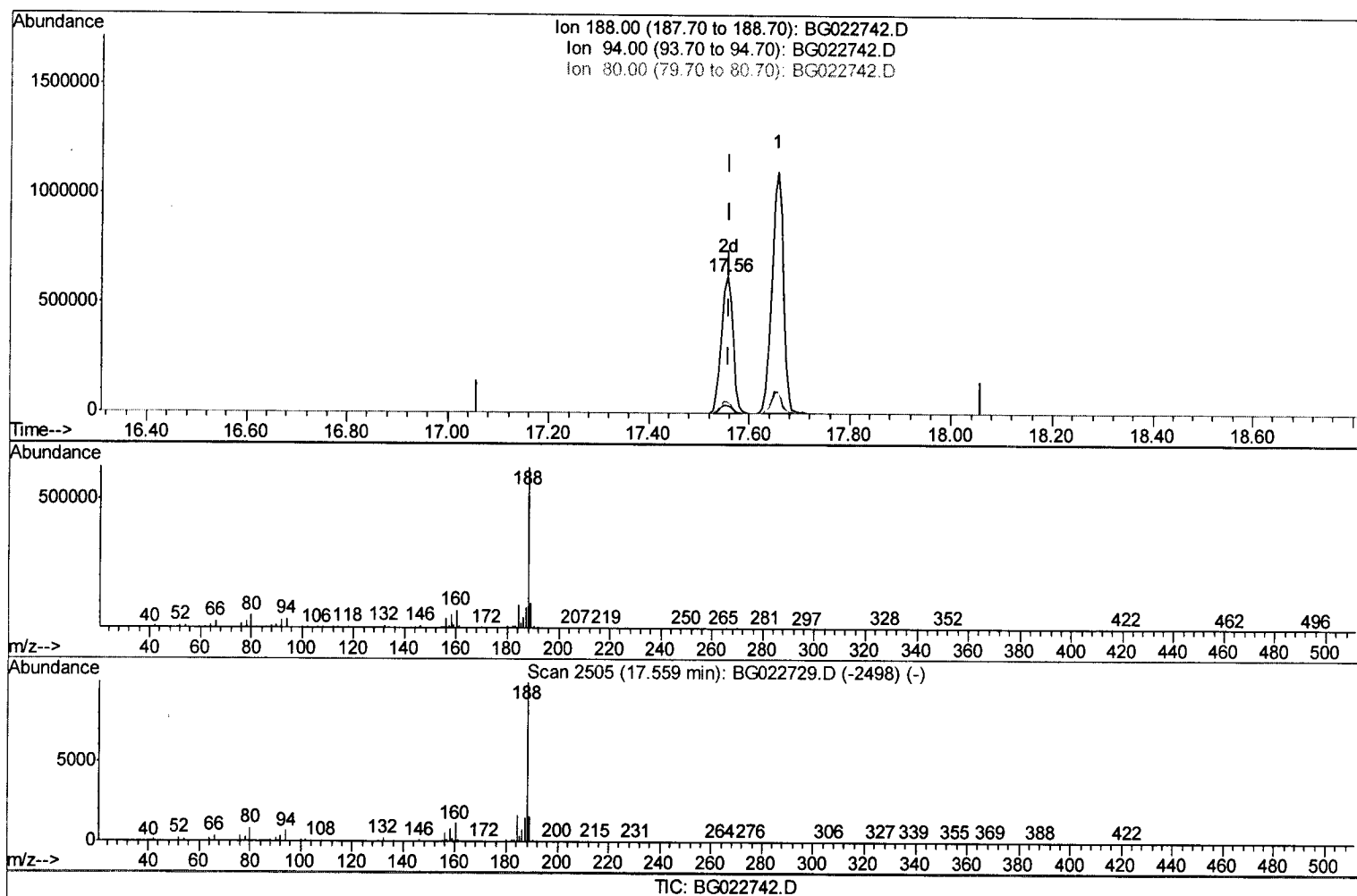
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG063016\
 Data File : BG022742.D
 Acq On : 1 Jul 2016 1:00
 Operator : UM/SJ
 Sample : H3759-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDHP4

Manual Integrations
 APPROVED

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Quant Time: Jul 01 03:38:37 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
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 QLast Update : Fri Jul 01 03:35:17 2016
 Response via : Initial Calibration



TIC: BG022742.D

(61) Phenanthrene-d10 (I)

17.556min (-0.003) 20.00ng/ul m U.M.

response 977362

07/02/16

Ion	Exp%	Act%
188.00	100	100
94.00	10.30	5.83#
80.00	10.90	7.98#
0.00	0.00	0.00

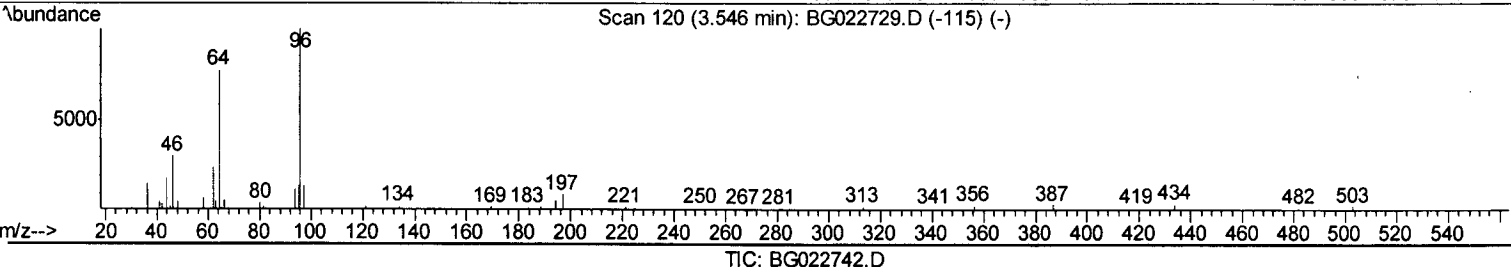
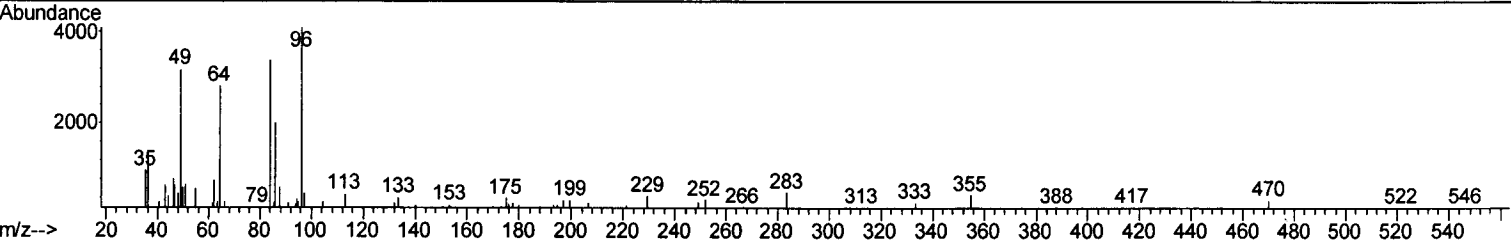
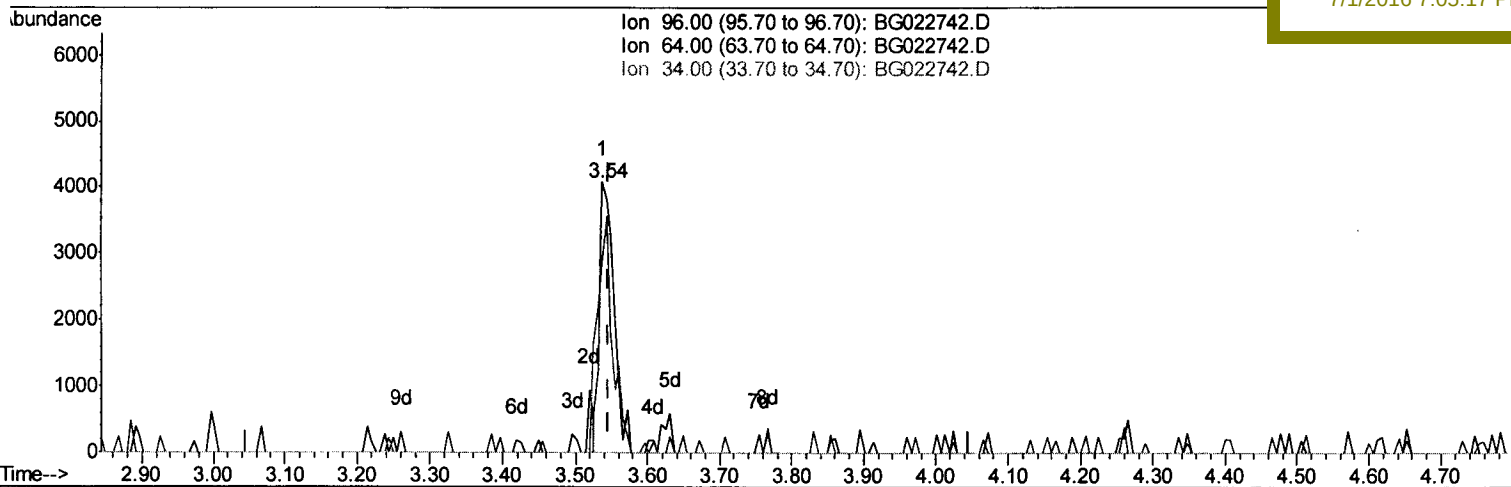
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG063016\
 Data File : BG022742.D
 Acq On : 1 Jul 2016 1:00
 Operator : UM/SJ
 Sample : H3759-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDHP4

Quant Time: Jul 01 03:38:37 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 01 03:35:17 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

sohil
 7/1/2016 7:05:17 PM



(3) 1,4-Dioxane-d8 (S)

3.537min (-0.009) 3.11ng/uL

response 5705

Ion	Exp%	Act%
96.00	100	100
64.00	65.00	68.98
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

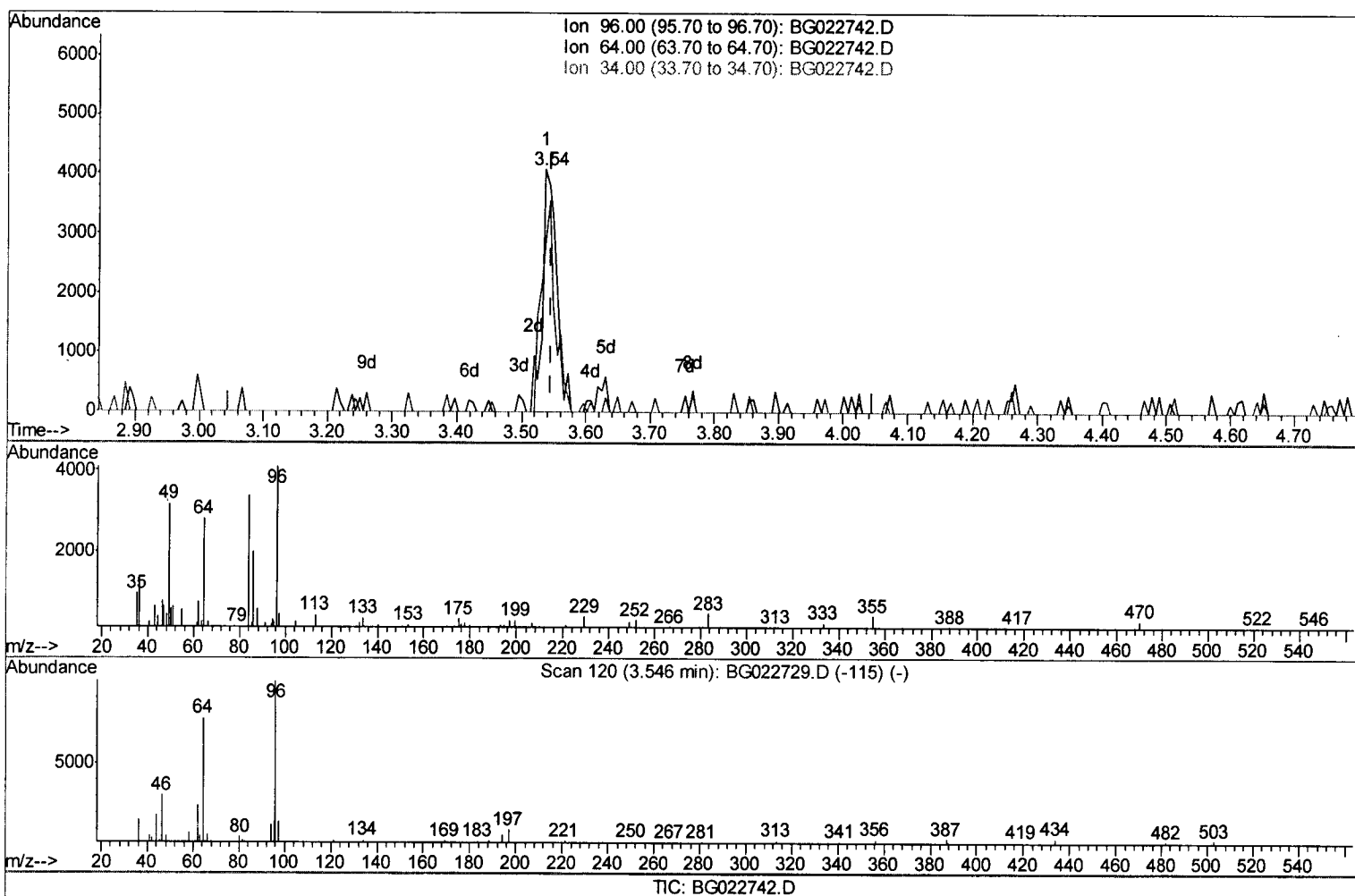
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG063016\
 Data File : BG022742.D
 Acq On : 1 Jul 2016 1:00
 Operator : UM/SJ
 Sample : H3759-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDHP4

Manual Integrations
 APPROVED

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 7/1/2016 7:05:17 PM

Quant Time: Jul 01 03:38:37 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 01 03:35:17 2016
 Response via : Initial Calibration



(3) 1,4-Dioxane-d8 (S)

3.537min (-0.009) 3.40ng/uL m U. M.

response 6226

07/02/16

Ion	Exp%	Act%
96.00	100	100
64.00	65.00	68.98
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG063016\
 Data File : BG022742.D
 Acq On : 1 Jul 2016 1:00
 Operator : UM/SJ
 Sample : H3759-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDHP4

Manual Integrations
 APPROVED

sohil
 7/1/2016 7:05:17 PM

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 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	102425	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	476605	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	386040	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	977362m	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	1098444m	20.00	ng/ul	0.00
83) Perylene-d12	25.22	264	1116489	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	6226m	3.40	ng/uL	0.00
5) Phenol-d5	7.31	99	396355	36.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	239040	39.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	264518	36.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	327968	39.19	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	141179	37.15	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	174926	38.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	349844	36.50	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	427662	52.69	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	1264117	40.31	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	1411055	39.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	184870	37.54	ng/ul	0.00
57) Fluorene-d10	15.79	176	1190716	40.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	232443m	36.98	ng/ul	0.00
70) Anthracene-d10	17.66	188	1744185	38.39	ng/ul	0.00
76) Pyrene-d10	19.94	212	2010720	38.32	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.99	264	2092479	39.45	ng/ul	0.00
Target Compounds						
6) Phenol	7.33	94	15460m	1.40	ng/ul	
44) Dimethylphthalate	14.24	163	327066	10.21	ng/ul	97

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