

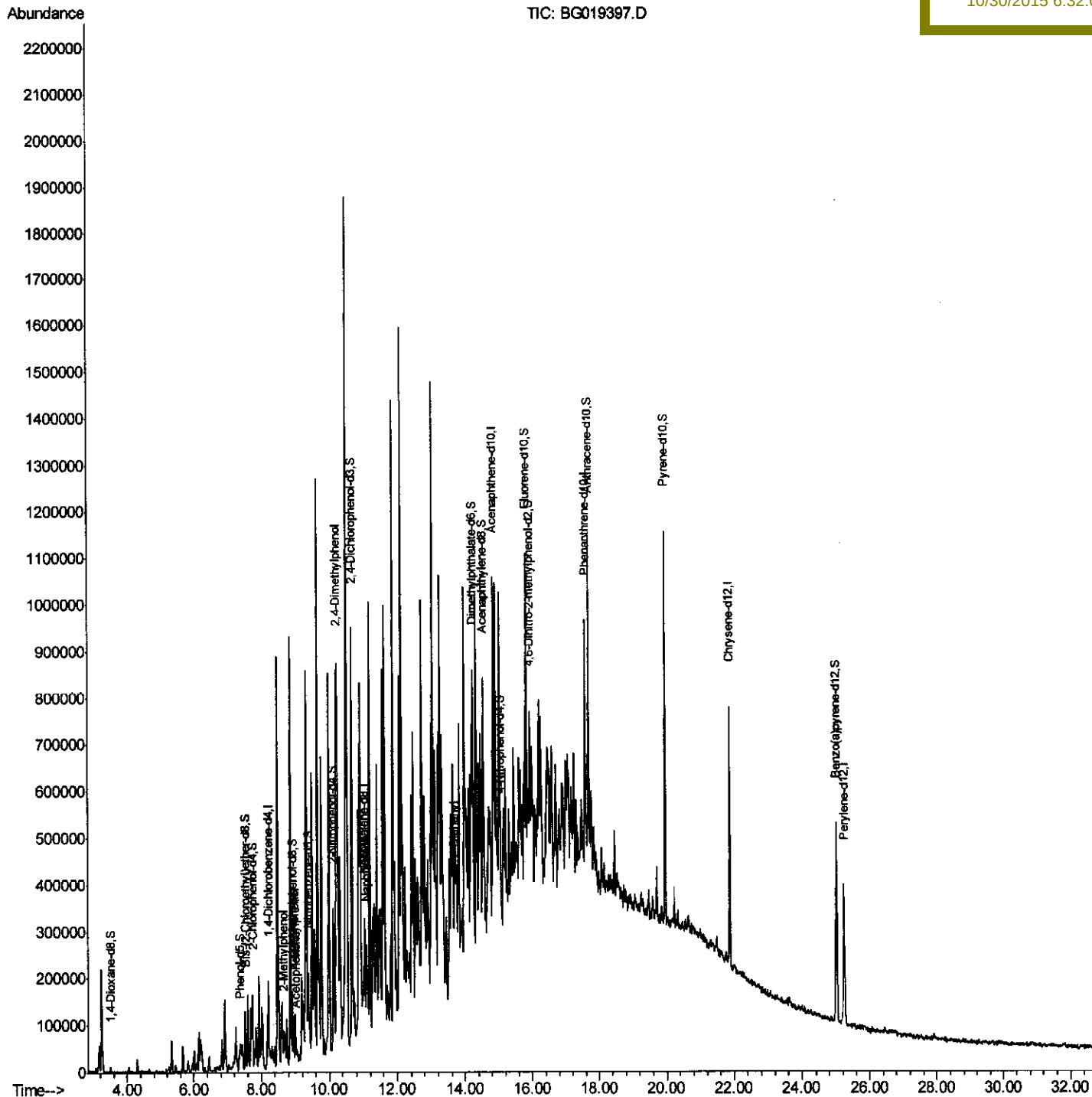
```
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\  
Data File : BG019397.D  
Acq On    : 29 Oct 2015    1:29  
Operator  : UM/NP  
Sample    : G4120-11  
Misc      :  
ALS Vial  : 19    Sample Multiplier: 1
```

Instrument :
BNA_G
ClientSampleId :
E5LT4

Quant Time: Nov 02 03:49:34 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 29 01:04:20 2015
Response via : Initial Calibration

Manual Integrations

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Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019397.D
 Acq On : 29 Oct 2015 1:29
 Operator : UM/NP
 Sample : G4120-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT4

Quant Time: Nov 02 03:49:34 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
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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	8.21	152	37882	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	159901m	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.83	164	149588m	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.58	188	302257m	20.00	ng/ul	0.00
78) Chrysene-d12	21.87	240	365425m	20.00	ng/ul	0.00
86) Perylene-d12	25.24	264	349714m	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.51	96	4409	5.57	ng/uL	0.00
5) Phenol-d5	7.36	99	25873	7.44	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.52	67	62957	28.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	50979	23.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.92	113	46504	16.79	ng/ul	0.02
19) Nitrobenzene-d5	9.38	128	33911m	28.86	ng/ul	0.01
22) 2-Nitrophenol-d4	10.11	143	38347m	27.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.66	165	80151m	26.48	ng/ul	0.01
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	14.24	166	273341m	22.16	ng/ul	0.00
47) Acenaphthylene-d8	14.54	160	314969m	23.06	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	12524m	6.39	ng/ul	0.04
58) Fluorene-d10	15.82	176	313362m	27.46	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.93	200	59112m	30.22	ng/ul	0.00
71) Anthracene-d10	17.68	188	403738m	29.30	ng/ul	0.00
79) Pyrene-d10	19.95	212	457383m	28.60	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.01	264	506574m	28.87	ng/ul	0.00

Target Compounds

						Ovalue
11) 2-Methylphenol	8.66	108	6919m	2.53	ng/ul	
14) Acetophenone	9.02	105	8516	1.83	ng/ul	92
16) 4-Methylphenol	8.99	108	32238	10.78	ng/ul	99
24) 2,4-Dimethylphenol	10.20	107	482810m	116.66	ng/ul	
28) Naphthalene	11.09	128	28169m	3.52	ng/ul	
41) 1,1'-Biophenyl	13.67	154	12653m	1.20	ng/ul	

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

Quantitation Report (Qedit)

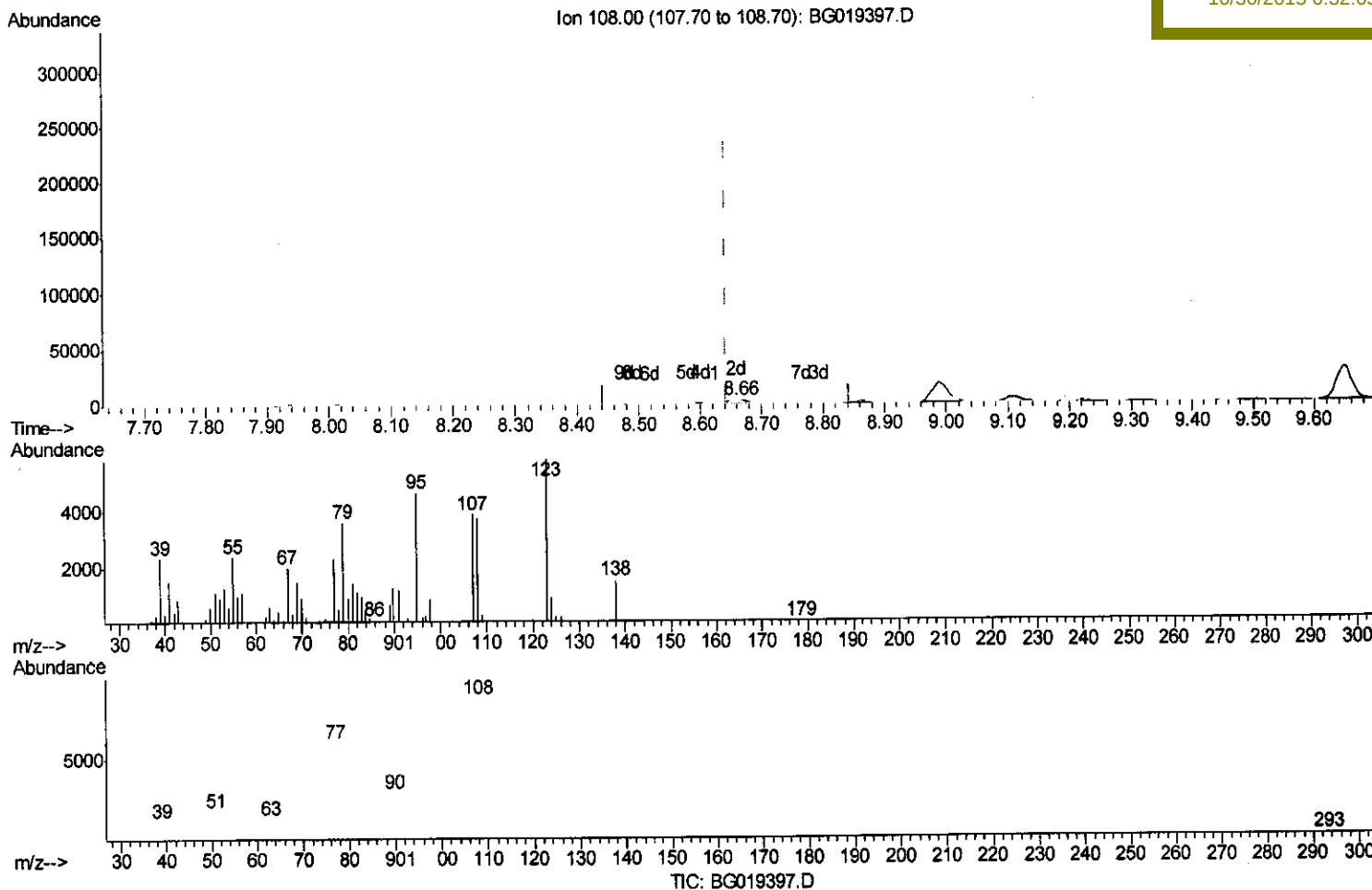
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019397.D
 Acq On : 29 Oct 2015 1:29
 Operator : UM/NP
 Sample : G4120-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT4

Quant Time: Oct 29 03:51:07 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 01:04:20 2015
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Manual Integrations
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(11) 2-Methylphenol

8.660min (+0.017) 2.53ng/ul m

response 6919

Ion	Exp%	Act%
108.00	100	100
107.00	89.00	103.75
0.00	0.00	0.00
0.00	0.00	0.00

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 10/31/15

Quantitation Report (Qedit)

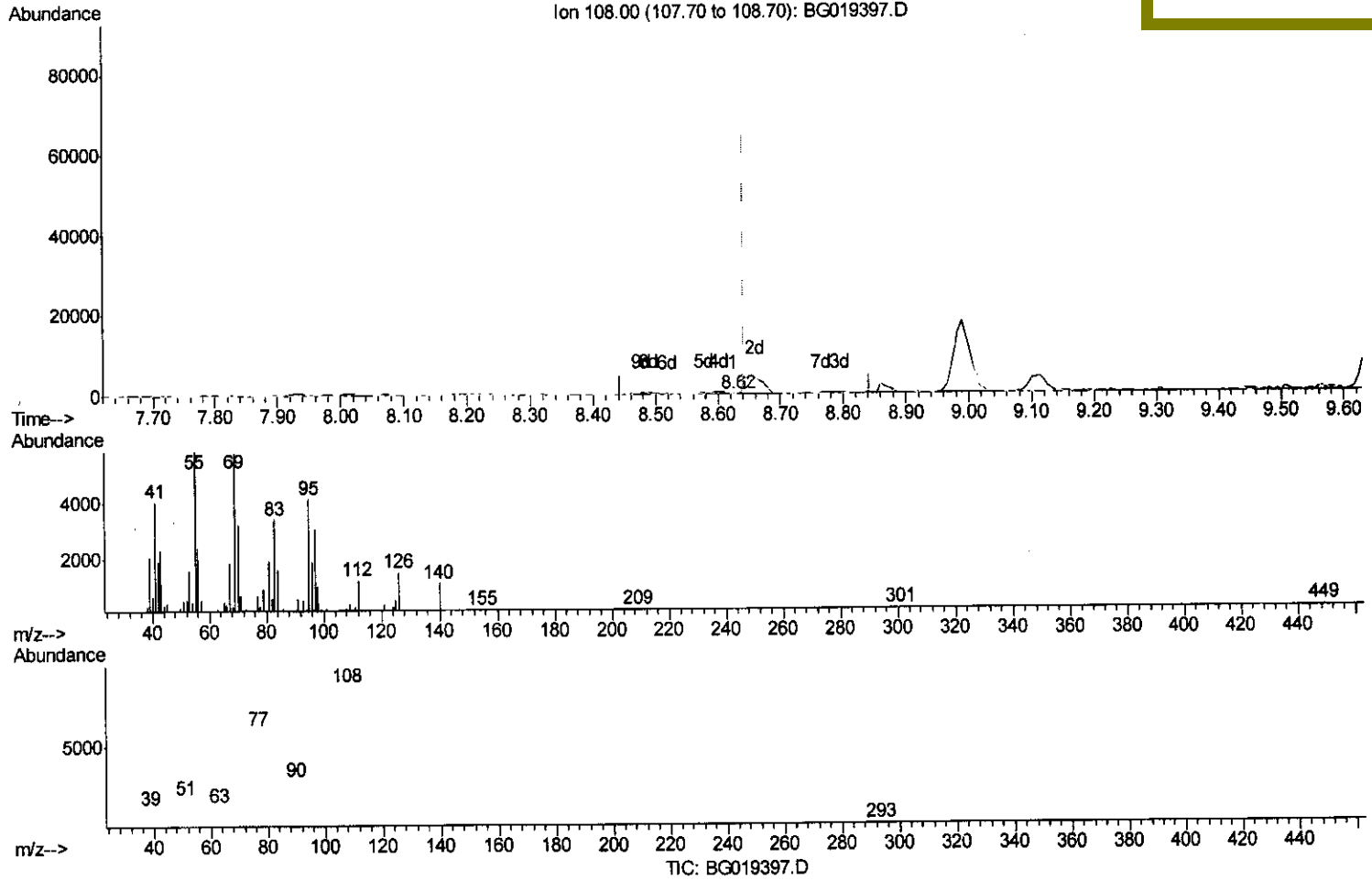
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019397.D
 Acq On : 29 Oct 2015 1:29
 Operator : UM/NP
 Sample : G4120-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT4

Quant Time: Oct 29 03:51:07 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
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Manual Integrations
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(11) 2-Methylphenol

8.625min (-0.018) 0.03ng/ul

response 88

Ion	Exp%	Act%
108.00	100	100
107.00	89.00	78.40
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

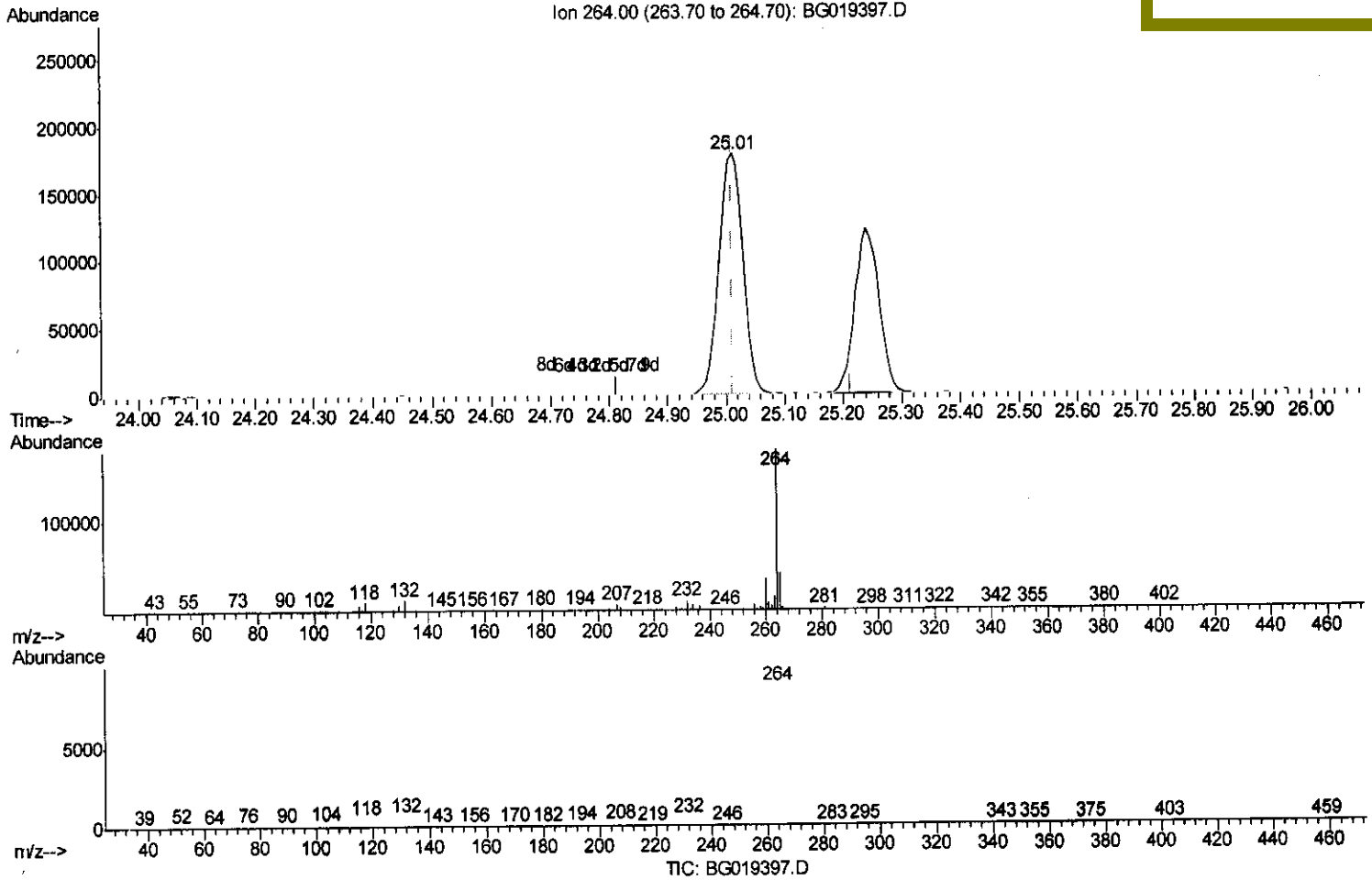
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019397.D
 Acq On : 29 Oct 2015 1:29
 Operator : UM/NP
 Sample : G4120-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT4

Quant Time: Oct 29 03:50:37 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 01:04:20 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

25.011min (-0.001) 28.87ng/ul m

response 506574

Ion	Exp%	Act%
264.00	100	100
132.00	4.80	6.61#
118.00	4.50	5.36
0.00	0.00	0.00

U.M
 10/31/15

Quantitation Report (Qedit)

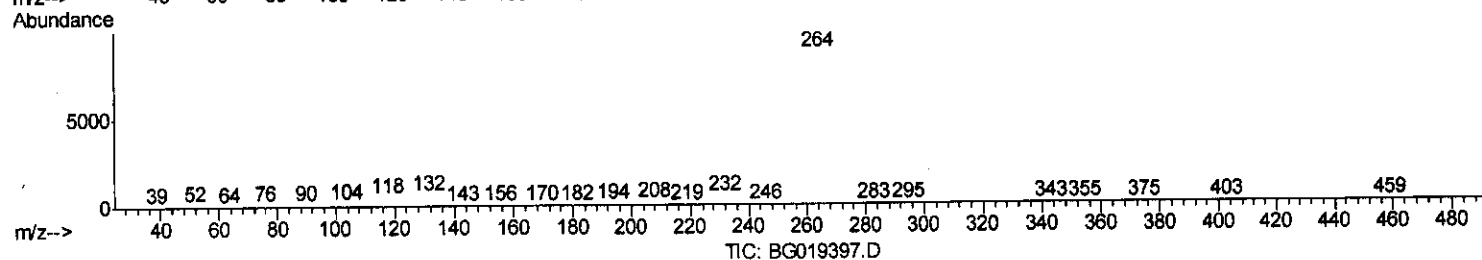
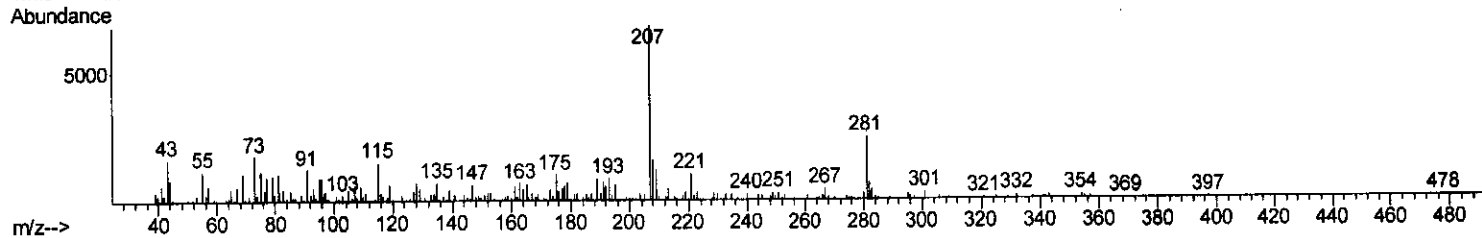
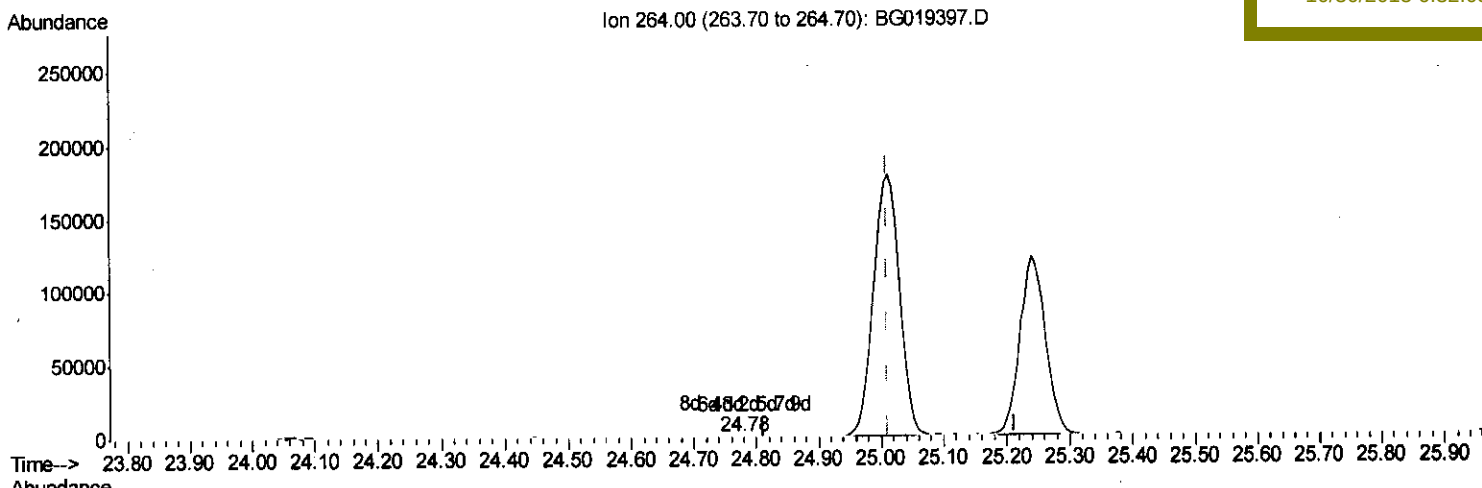
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019397.D
 Acq On : 29 Oct 2015 1:29
 Operator : UM/NP
 Sample : G4120-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT4

Quant Time: Oct 29 03:50:37 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
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Manual Integrations
 APPROVED

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

24.776min (-0.236) 0.00ng/ui

response 67

Ion	Exp%	Act%
264.00	100	100
132.00	4.80	89.42#
118.00	4.50	155.56#
0.00	0.00	0.00

Quantitation Report (Qedit)

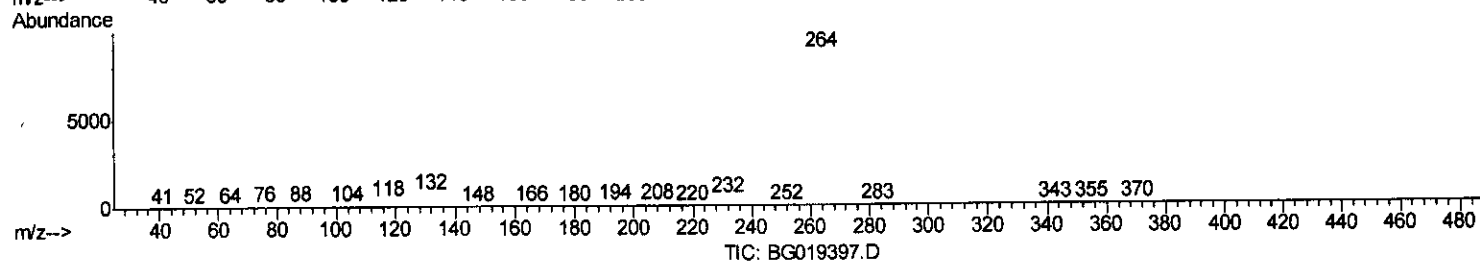
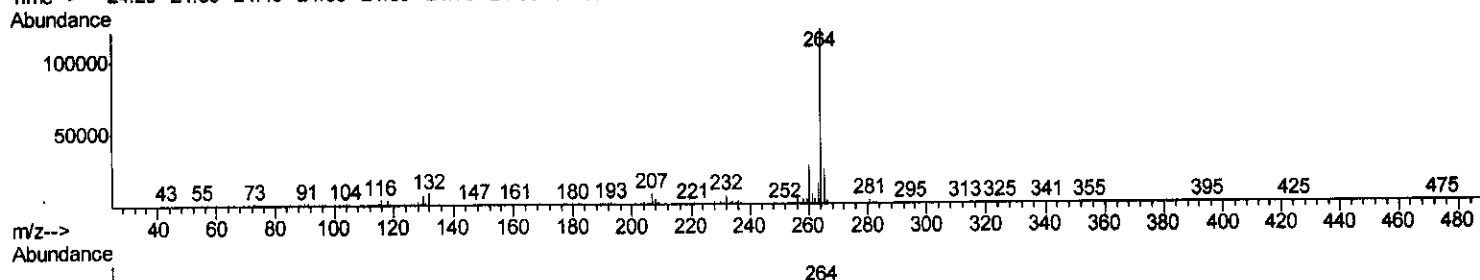
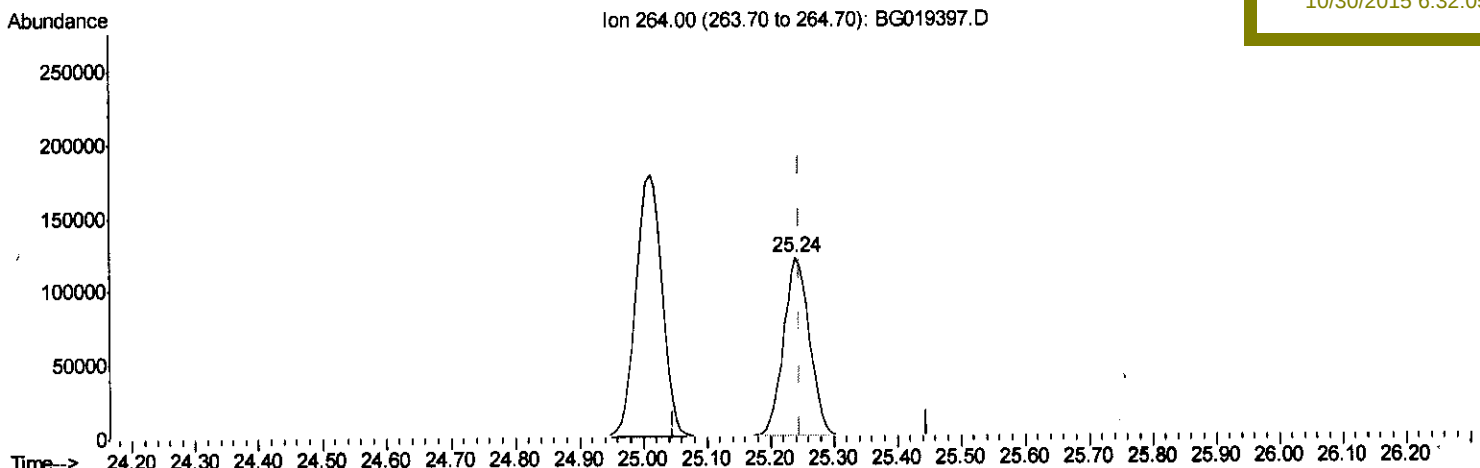
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019397.D
 Acq On : 29 Oct 2015 1:29
 Operator : UM/NP
 Sample : G4120-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sample ID :
 E5LT4

Quant Time: Oct 29 03:49:33 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
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 QLast Update : Thu Oct 29 01:04:20 2015
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Manual Integrations
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(86) Perylene-d12 (I)

25.240min (-0.007) 20.00ng/ul m

response 349714

Ion	Exp%	Act%
264.00	100	100
260.00	24.30	21.70
265.00	20.90	20.09
0.00	0.00	0.00

U.M
 10/31/15

Quantitation Report (Qedit)

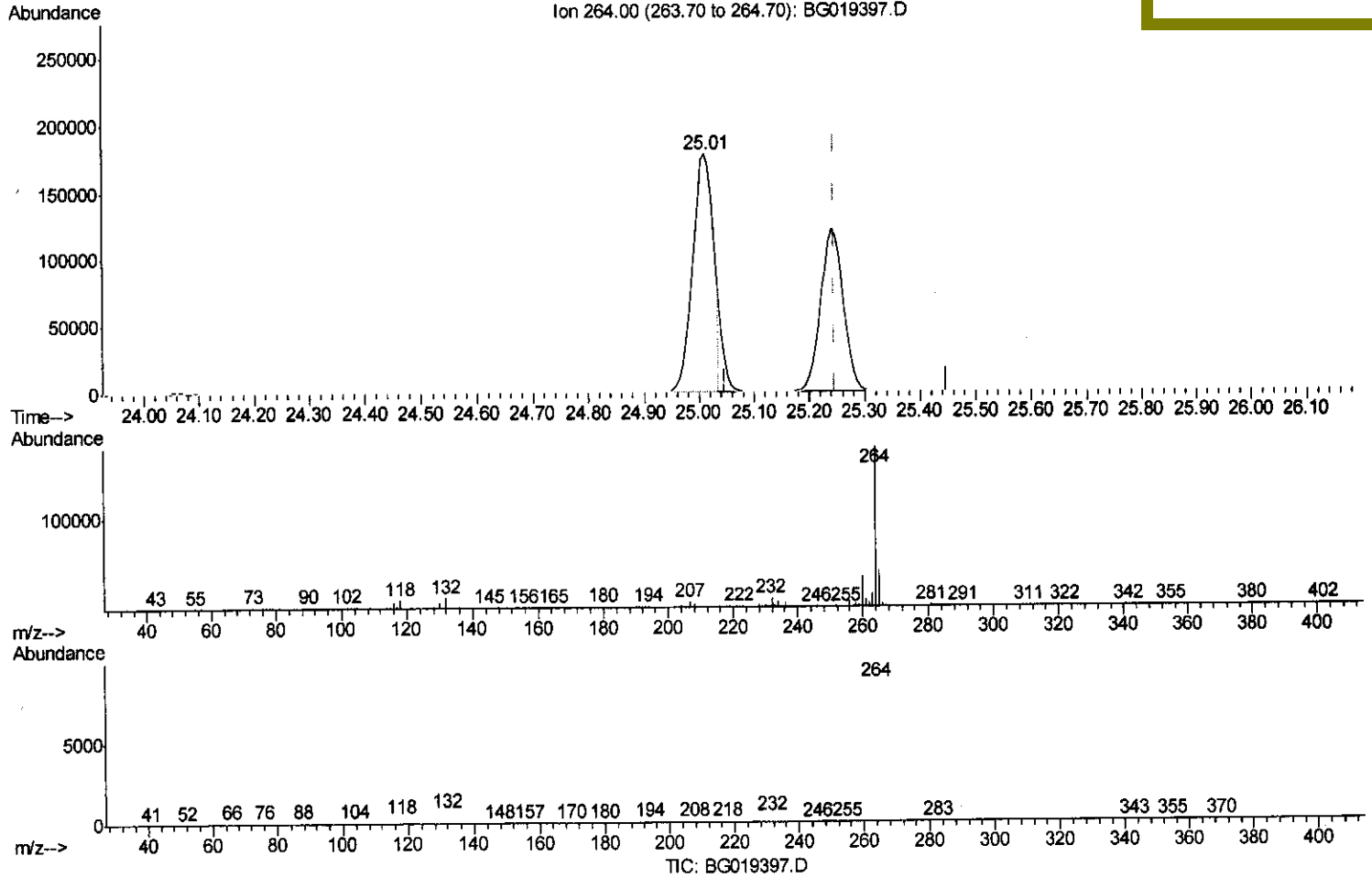
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019397.D
 Acq On : 29 Oct 2015 1:29
 Operator : UM/NP
 Sample : G4120-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT4

Quant Time: Oct 29 03:49:33 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 01:04:20 2015
 Response via : Initial Calibration

Manual Integrations
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Mmdadoda
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(86) Perylene-d12 (I)

25.011min (-0.236) 20.00ng/ul

response 474865

Ion	Exp%	Act%
264.00	100	100
260.00	24.30	19.44
265.00	20.90	22.69
0.00	0.00	0.00

Quantitation Report (Qedit)

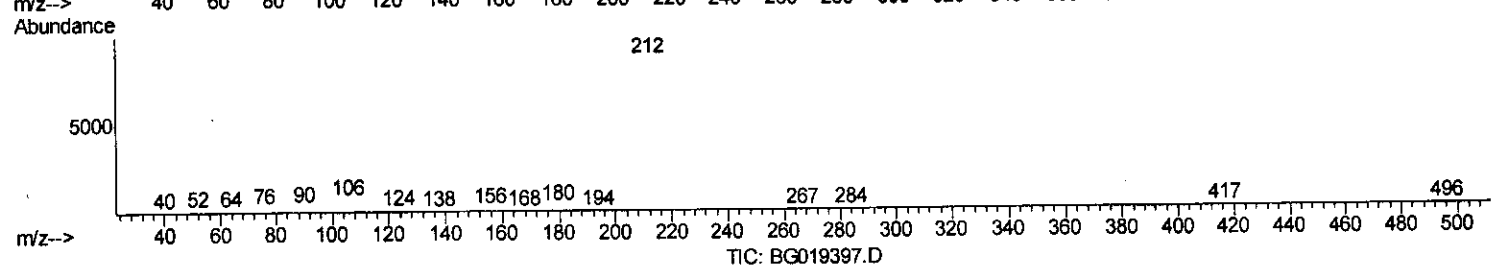
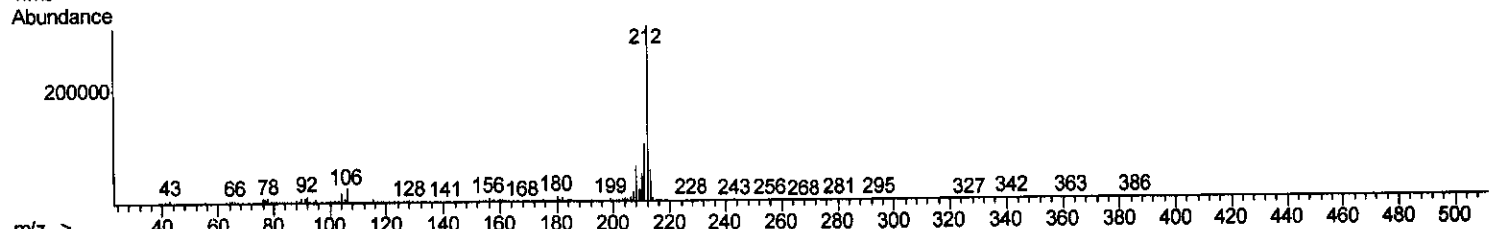
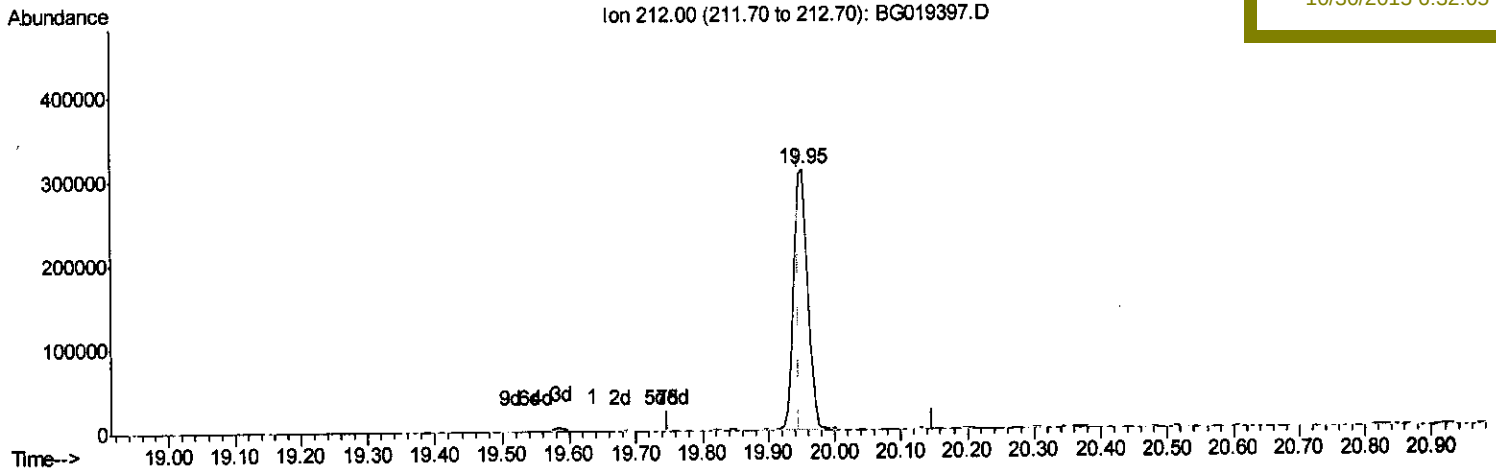
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019397.D
 Acq On : 29 Oct 2015 1:29
 Operator : UM/NP
 Sample : G4120-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT4

Quant Time: Oct 29 03:49:33 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 01:04:20 2015
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Manual Integrations
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(79) Pyrene-d10 (S)

19.952min (+0.005) 28.60ng/ul m

response 457383

Ion	Exp%	Act%
212.00	100	100
106.00	6.00	8.02#
104.00	5.10	5.46
0.00	0.00	0.00

U.M
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Quantitation Report (Qedit)

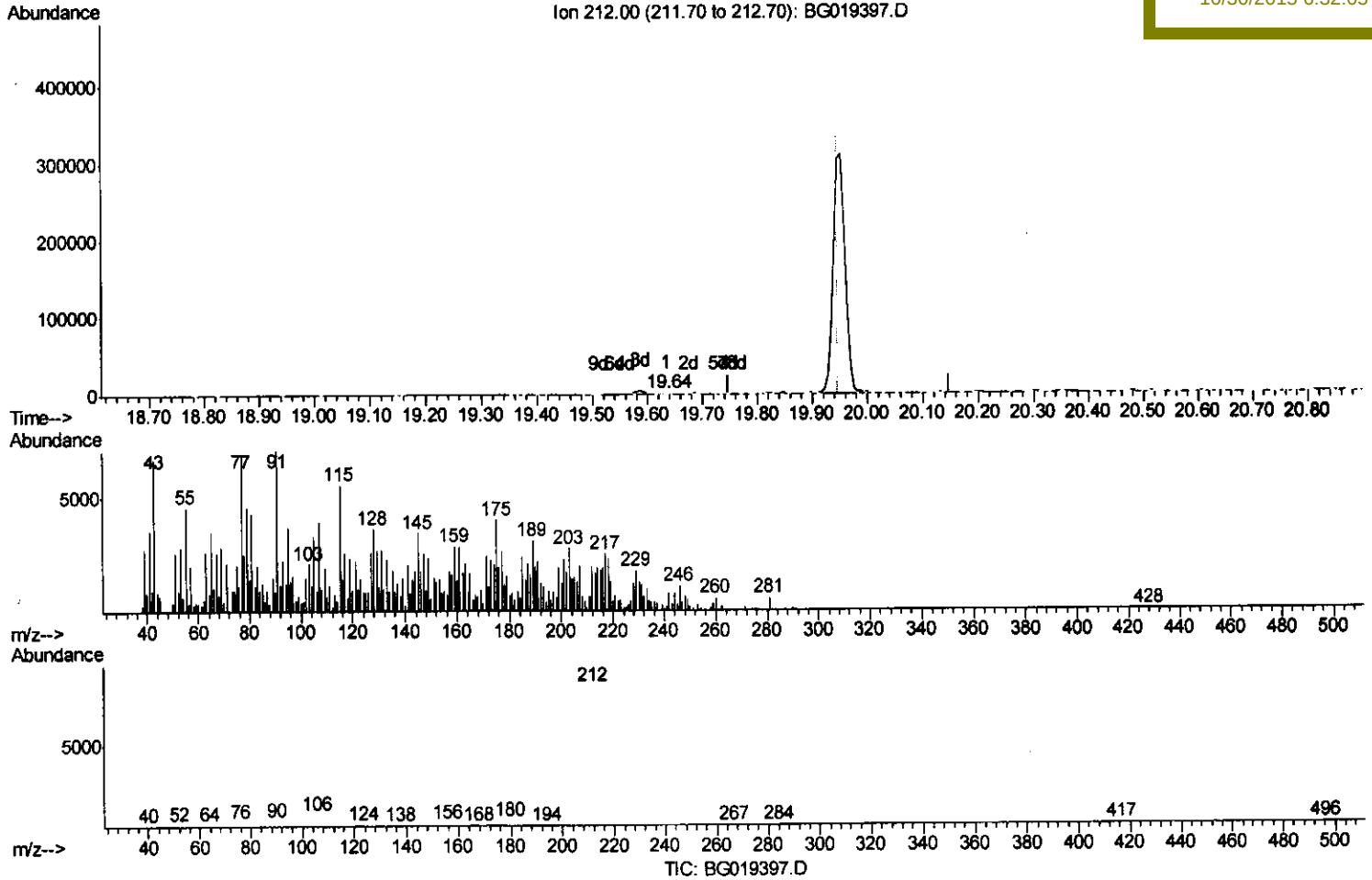
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019397.D
 Acq On : 29 Oct 2015 1:29
 Operator : UM/NP
 Sample : G4120-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Oct 29 03:49:33 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 01:04:20 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 E5LT4

Manual Integrations
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Mmdadoda
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(79) Pyrene-d10 (S)

19.635min (-0.312) 0.13ng/ul

response 2128

Ion	Exp%	Act%
212.00	100	100
106.00	6.00	48.39#
104.00	5.10	61.80#
0.00	0.00	0.00

Quantitation Report (Qedit)

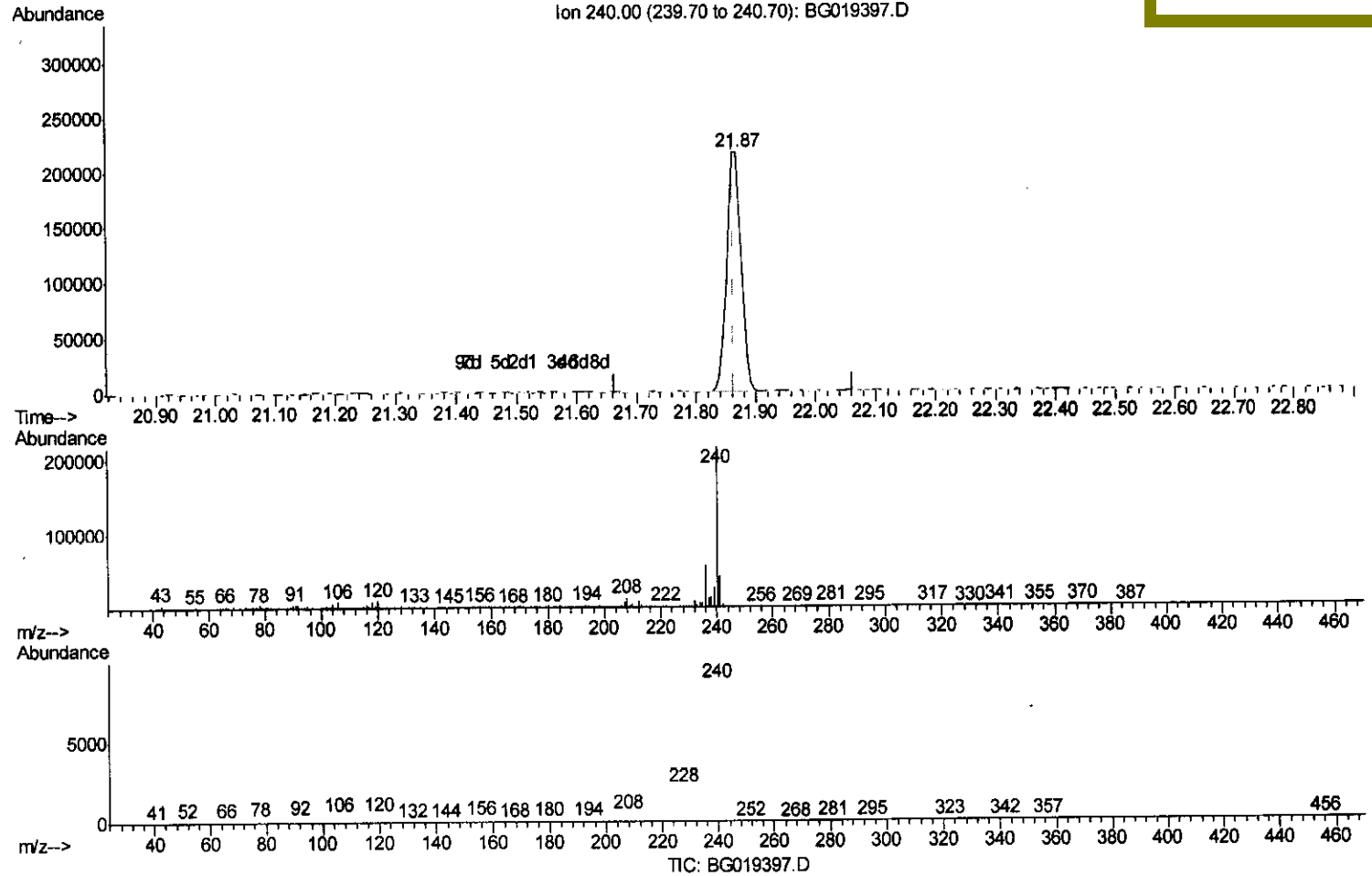
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019397.D
 Acq On : 29 Oct 2015 1:29
 Operator : UM/NP
 Sample : G4120-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT4

Quant Time: Oct 29 03:48:10 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
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Manual Integrations
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(78) Chrysene-d12 (I)

21.868min (+0.005) 20.00ng/ul m

response 365425

Ion	Exp%	Act%
240.00	100	100
120.00	3.60	4.65#
236.00	26.20	26.42
0.00	0.00	0.00

U.M
 10/31/15

Quantitation Report (Qedit)

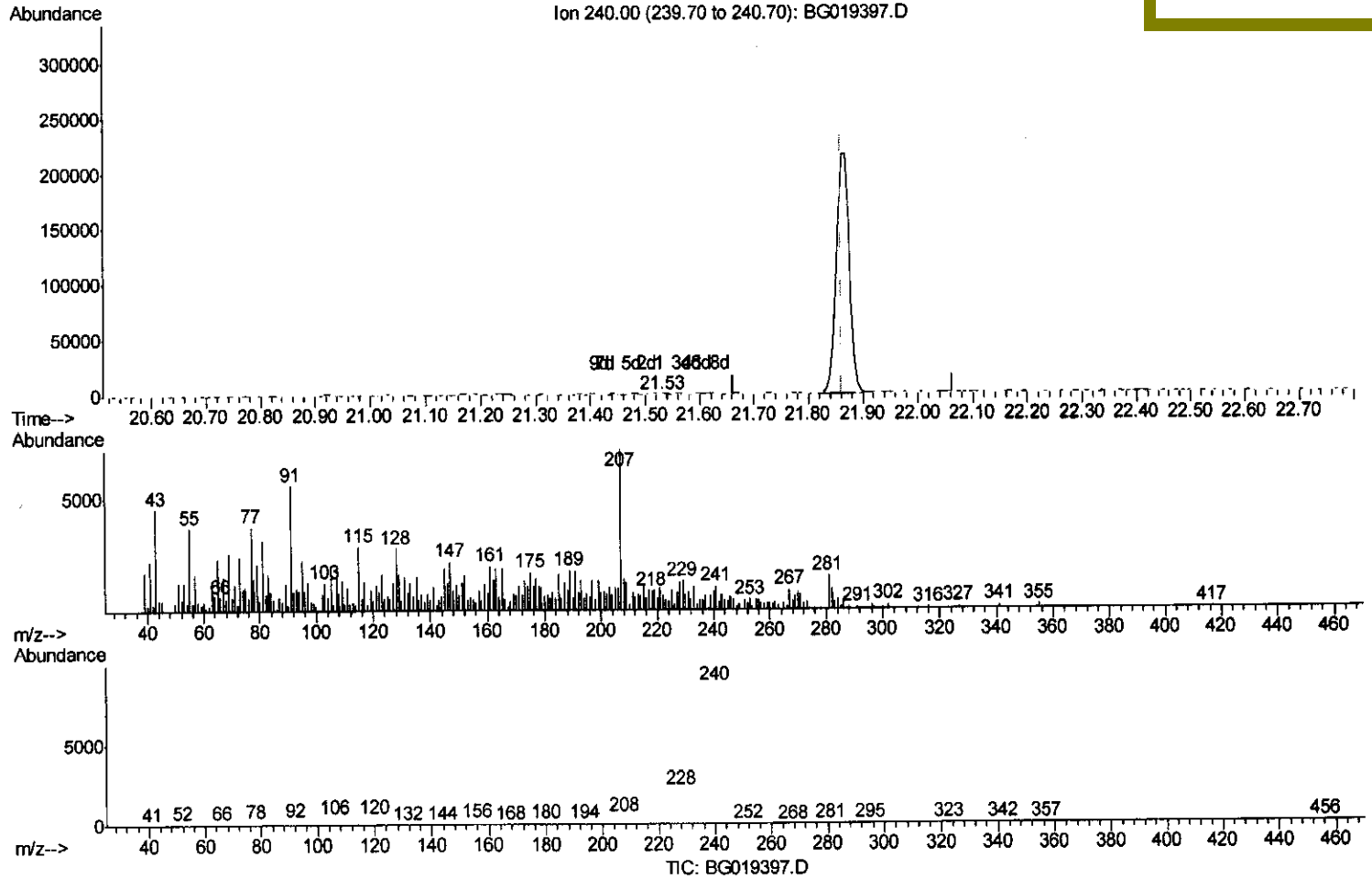
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019397.D
 Acq On : 29 Oct 2015 1:29
 Operator : UM/NP
 Sample : G4120-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT4

Quant Time: Oct 29 03:48:10 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 01:04:20 2015
 Response via : Initial Calibration

Manual Integrations
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(78) Chrysene-d12 (I)

21.527min (-0.336) 20.00ng/ul

response 590

Ion	Exp%	Act%
240.00	100	100
120.00	3.60	61.77#
236.00	26.20	61.98#
0.00	0.00	0.00

Quantitation Report (Qedit)

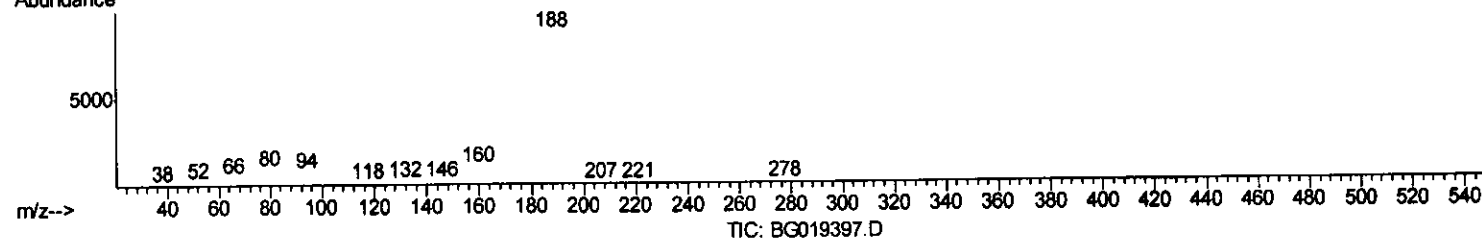
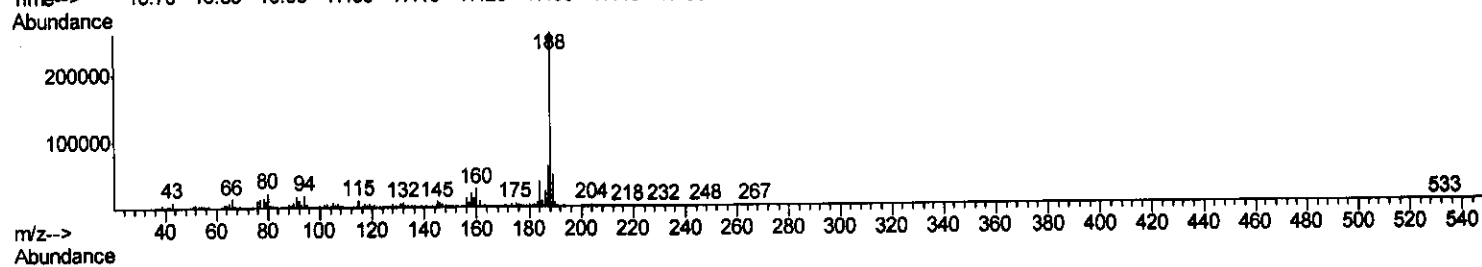
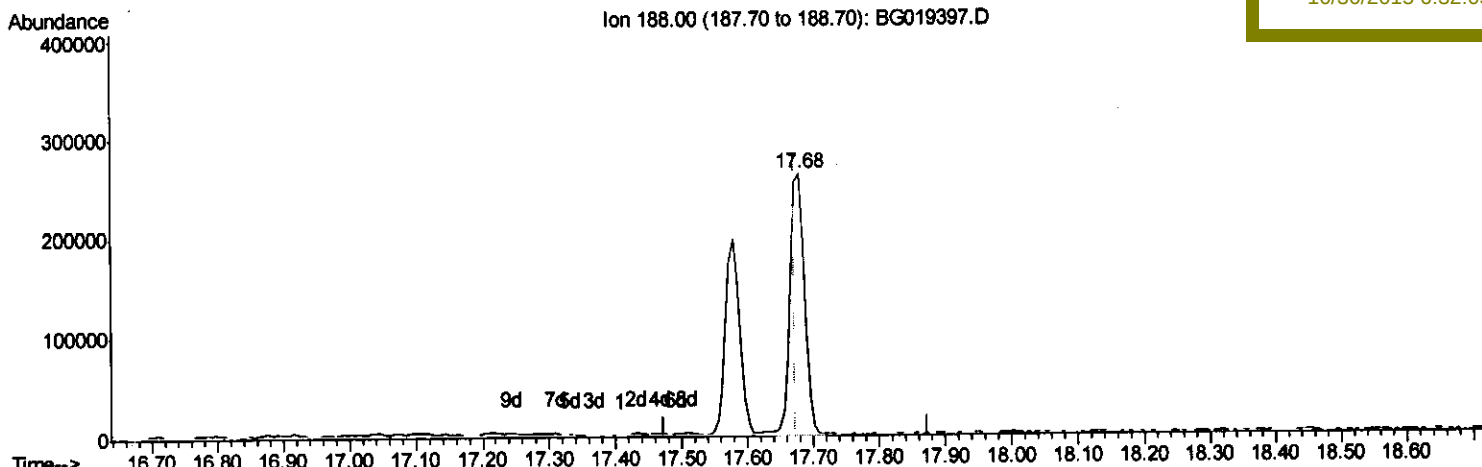
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019397.D
 Acq On : 29 Oct 2015 1:29
 Operator : UM/NP
 Sample : G4120-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT4

Quant Time: Oct 29 03:48:10 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
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Manual Integrations
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(71) Anthracene-d10 (S)

17.679min (+0.005) 29.30ng/ul m

response 403738

Ion Exp% Act%

188.00 100 100

94.00 6.30 7.21

80.00 7.00 8.56#

0.00 0.00 0.00

U.M
 10/31/15

Quantitation Report (Qedit)

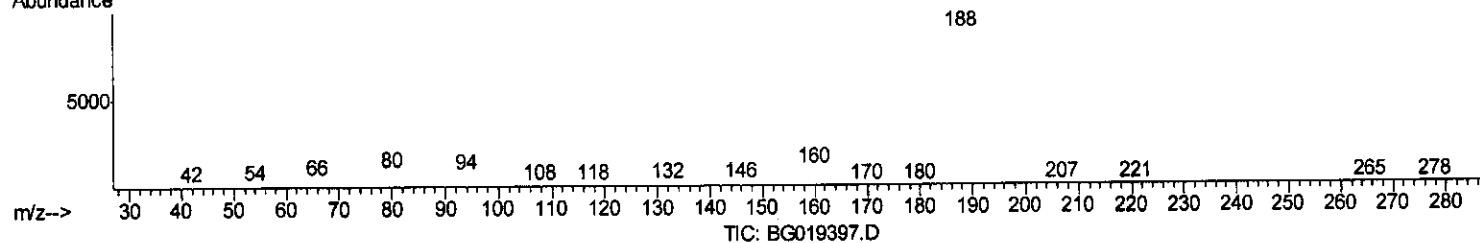
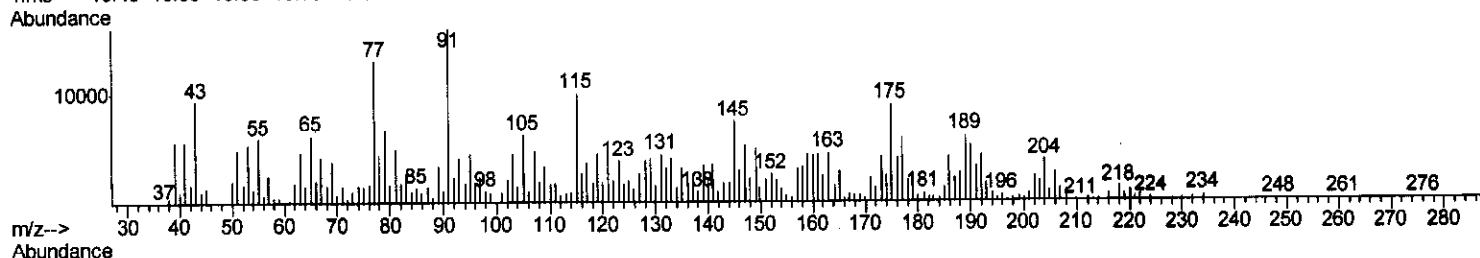
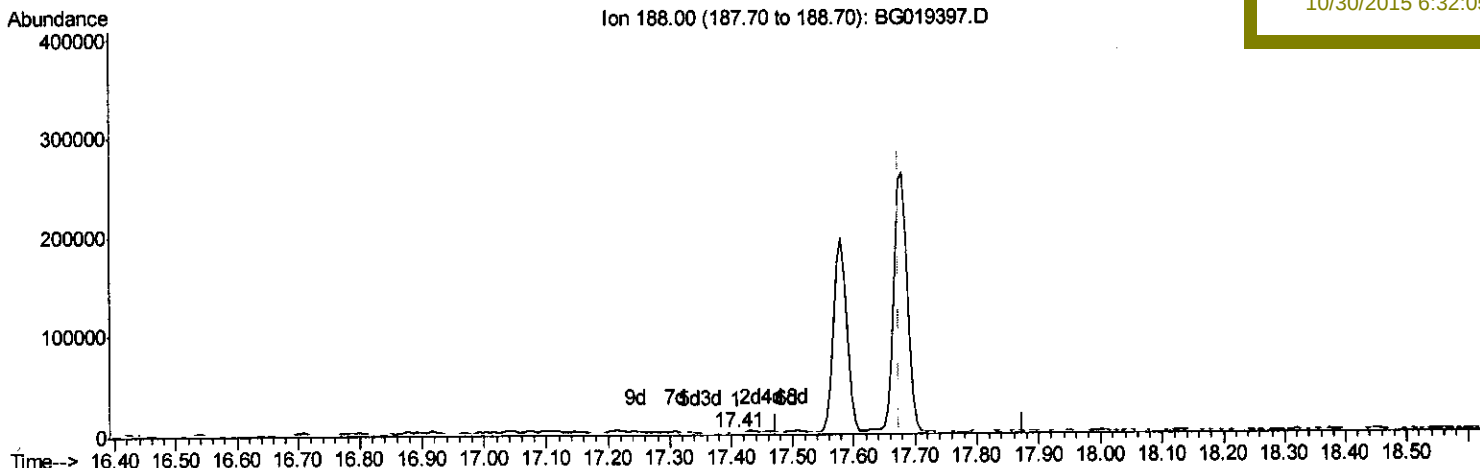
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019397.D
 Acq On : 29 Oct 2015 1:29
 Operator : UM/NP
 Sample : G4120-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT4

Quant Time: Oct 29 03:48:10 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
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Manual Integrations
 APPROVED

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(71) Anthracene-d10 (S)

17.408min (-0.265) 0.08ng/ul

response 1151

Ion	Exp%	Act%
188.00	100	100
94.00	6.30	67.63#
80.00	7.00	65.04#
0.00	0.00	0.00

Quantitation Report (Qedit)

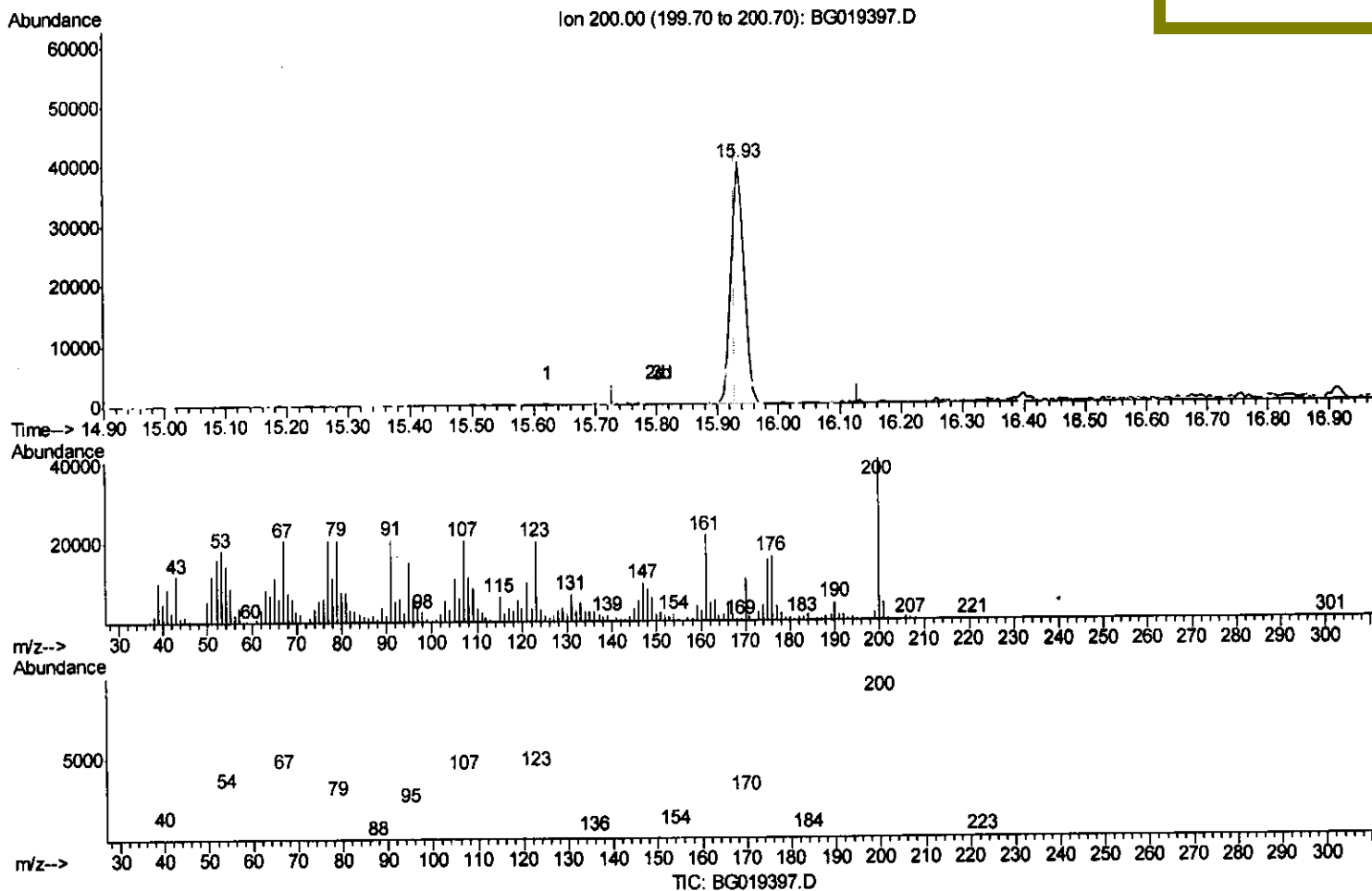
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019397.D
 Acq On : 29 Oct 2015 1:29
 Operator : UM/NP
 Sample : G4120-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT4

Quant Time: Oct 29 03:48:10 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
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Manual Integrations
 APPROVED

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(63) 4,6-Dinitro-2-methylphenol-d2 (S)

15.934min (+0.005) 30.22ng/ul m

response 59112

Ion	Exp%	Act%
200.00	100	100
170.00	20.10	26.51#
52.00	35.30	39.64
0.00	0.00	0.00

U.M
 10/31/15

Quantitation Report (Qedit)

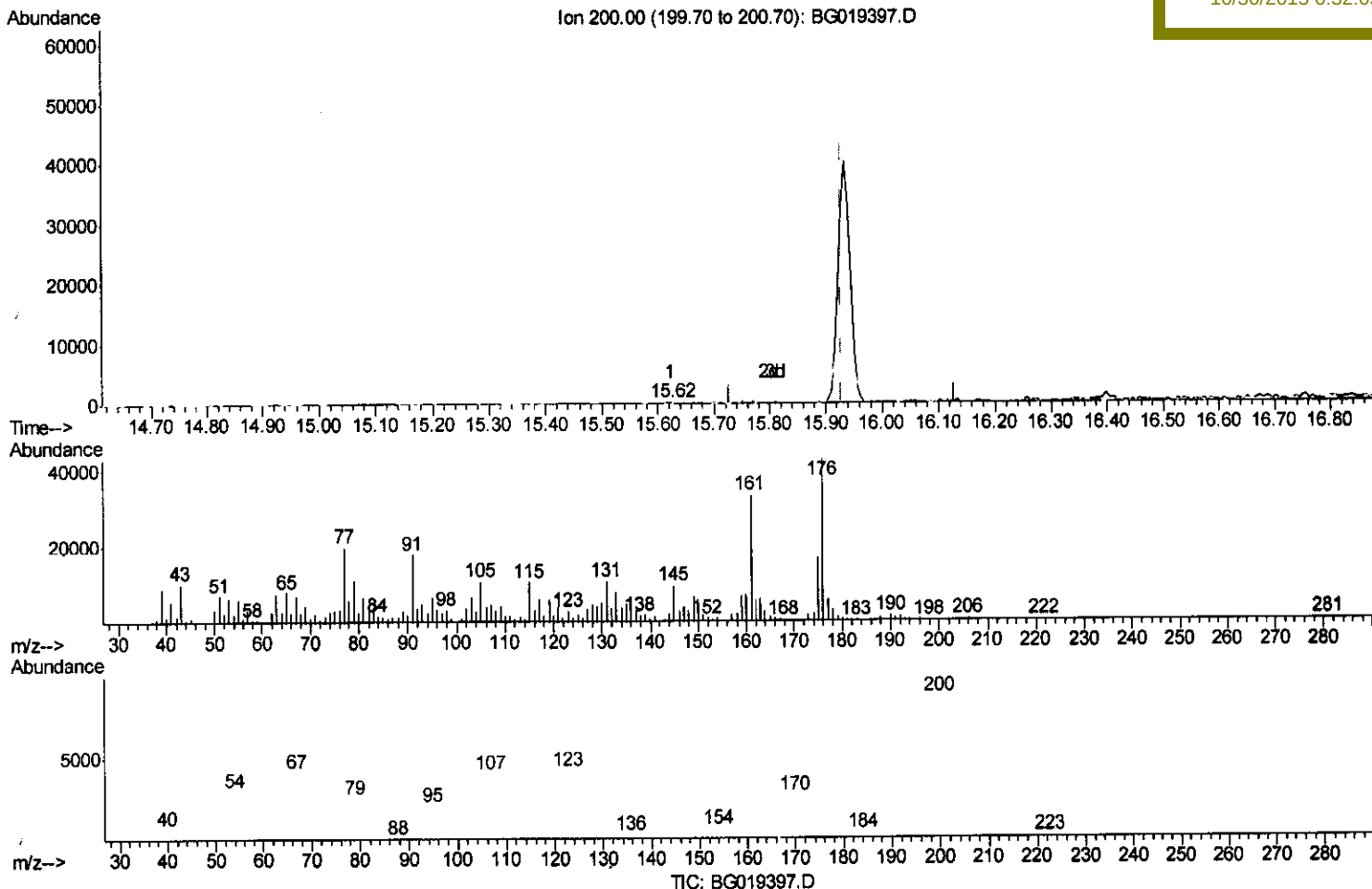
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019397.D
 Acq On : 29 Oct 2015 1:29
 Operator : UM/NP
 Sample : G4120-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Time: Oct 29 03:48:10 2015
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 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:05 PM



(63) 4,6-Dinitro-2-methylphenol-d2 (S)

15.622min (-0.306) 0.07ng/ui

response 130

Ion	Exp%	Act%
200.00	100	100
170.00	20.10	160.49#
52.00	35.30	1196.10#
0.00	0.00	0.00

Quantitation Report (Qedit)

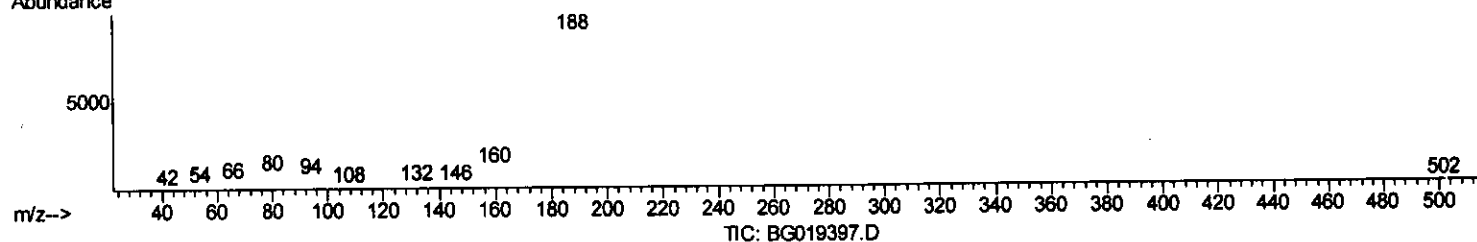
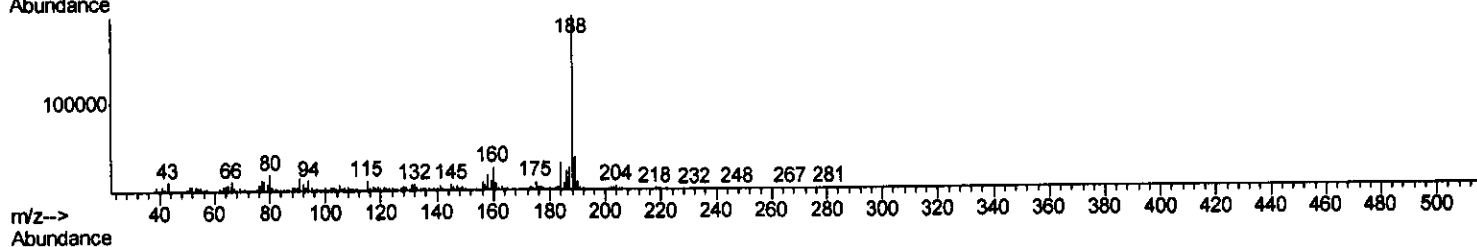
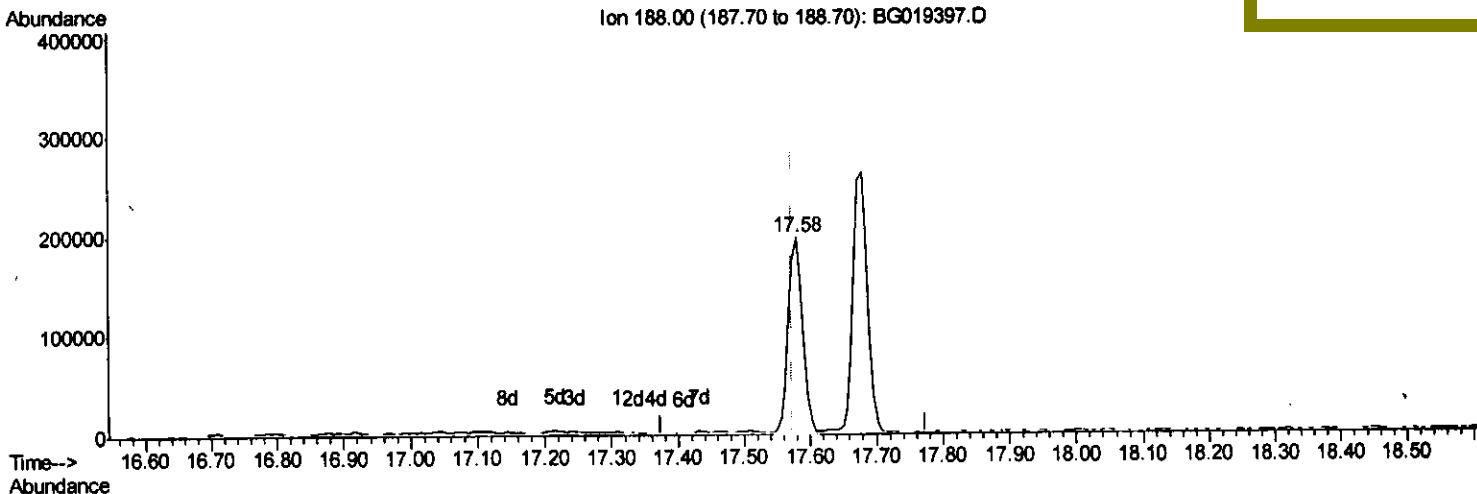
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019397.D
 Acq On : 29 Oct 2015 1:29
 Operator : UM/NP
 Sample : G4120-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT4

Quant Time: Oct 29 03:40:47 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 01:04:20 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:05 PM



(62) Phenanthrene-d10 (I)

17.579min (+0.005) 20.00ng/ul m

response 302257

U.M
 10/31/15

Ion	Exp%	Act%
188.00	100	100
94.00	4.30	6.03#
80.00	7.20	9.43#
0.00	0.00	0.00

Quantitation Report (Qedit)

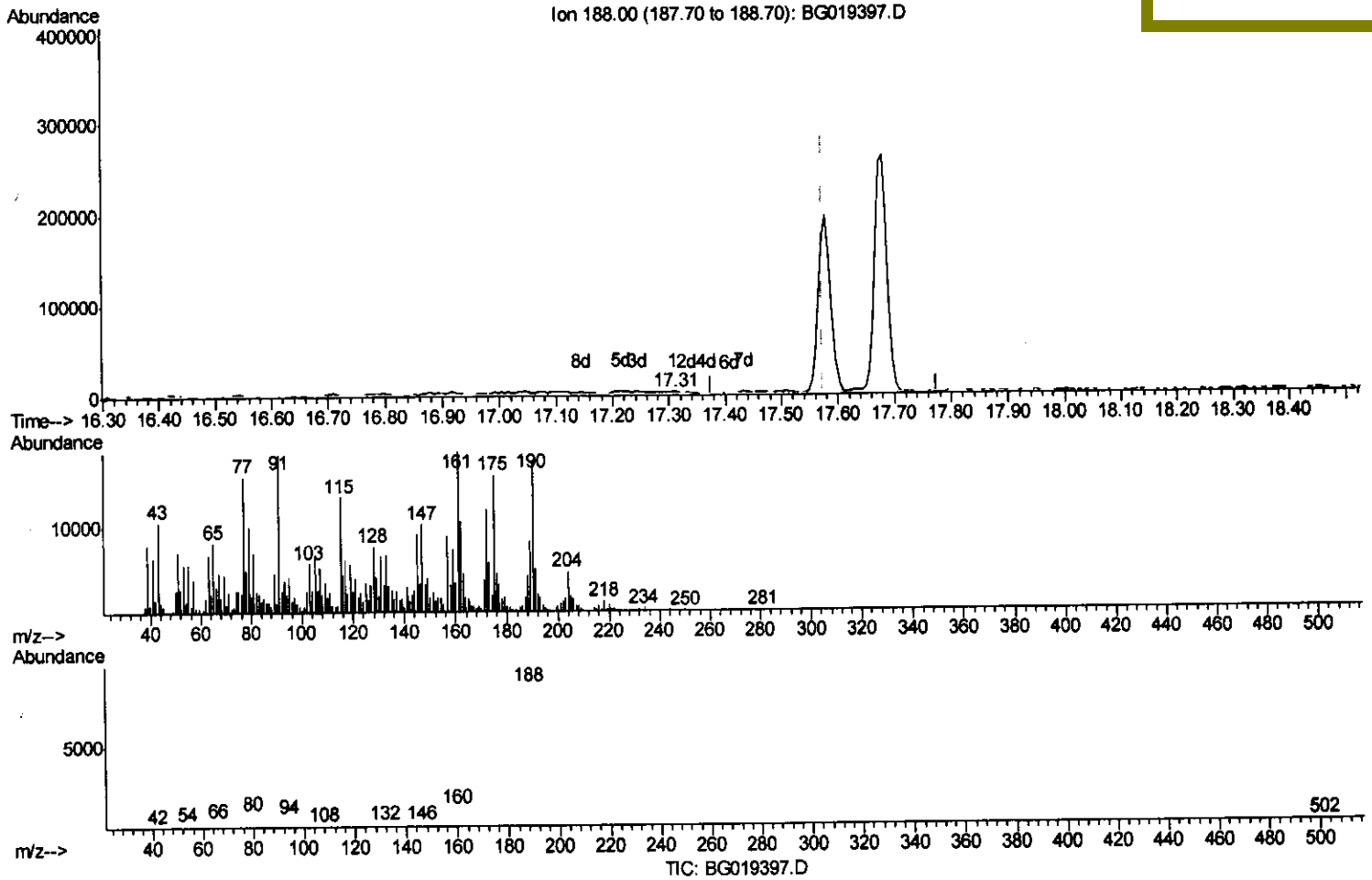
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019397.D
 Acq On : 29 Oct 2015 1:29
 Operator : UM/NP
 Sample : G4120-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT4

Quant Time: Oct 29 03:40:47 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 01:04:20 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:05 PM



(62) Phenanthrene-d10 (I)

17.308min (-0.265) 20.00ng/ul

response 1364

Ion	Exp%	Act%
188.00	100	100
94.00	4.30	50.85#
80.00	7.20	47.02#
0.00	0.00	0.00

Quantitation Report (Qedit)

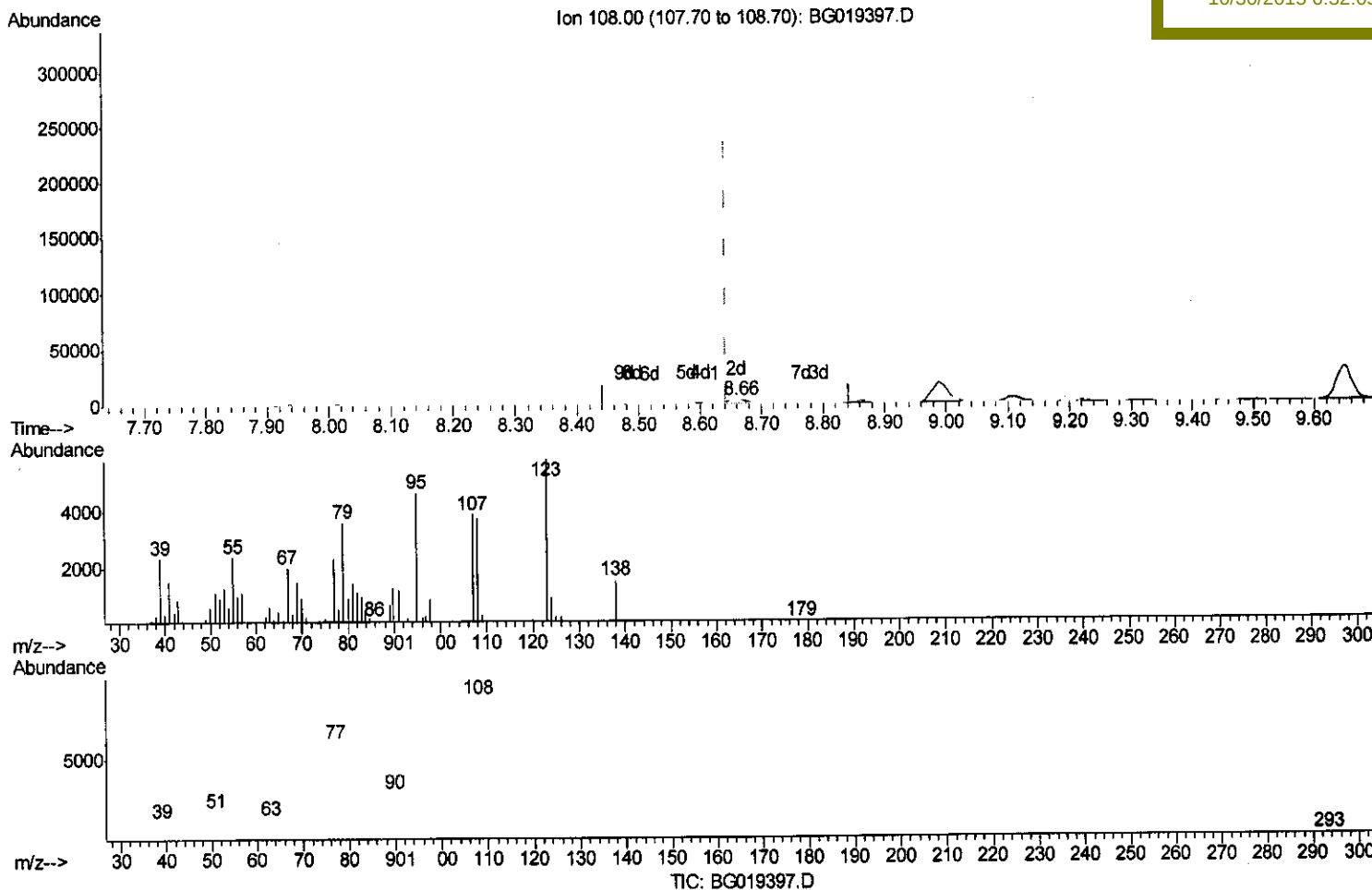
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019397.D
 Acq On : 29 Oct 2015 1:29
 Operator : UM/NP
 Sample : G4120-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT4

Quant Time: Oct 29 03:51:07 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 01:04:20 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:05 PM



(11) 2-Methylphenol

8.660min (+0.017) 2.53ng/ul m

response 6919

Ion	Exp%	Act%
108.00	100	100
107.00	89.00	103.75
0.00	0.00	0.00
0.00	0.00	0.00

U.M
 10/31/15

Quantitation Report (Qedit)

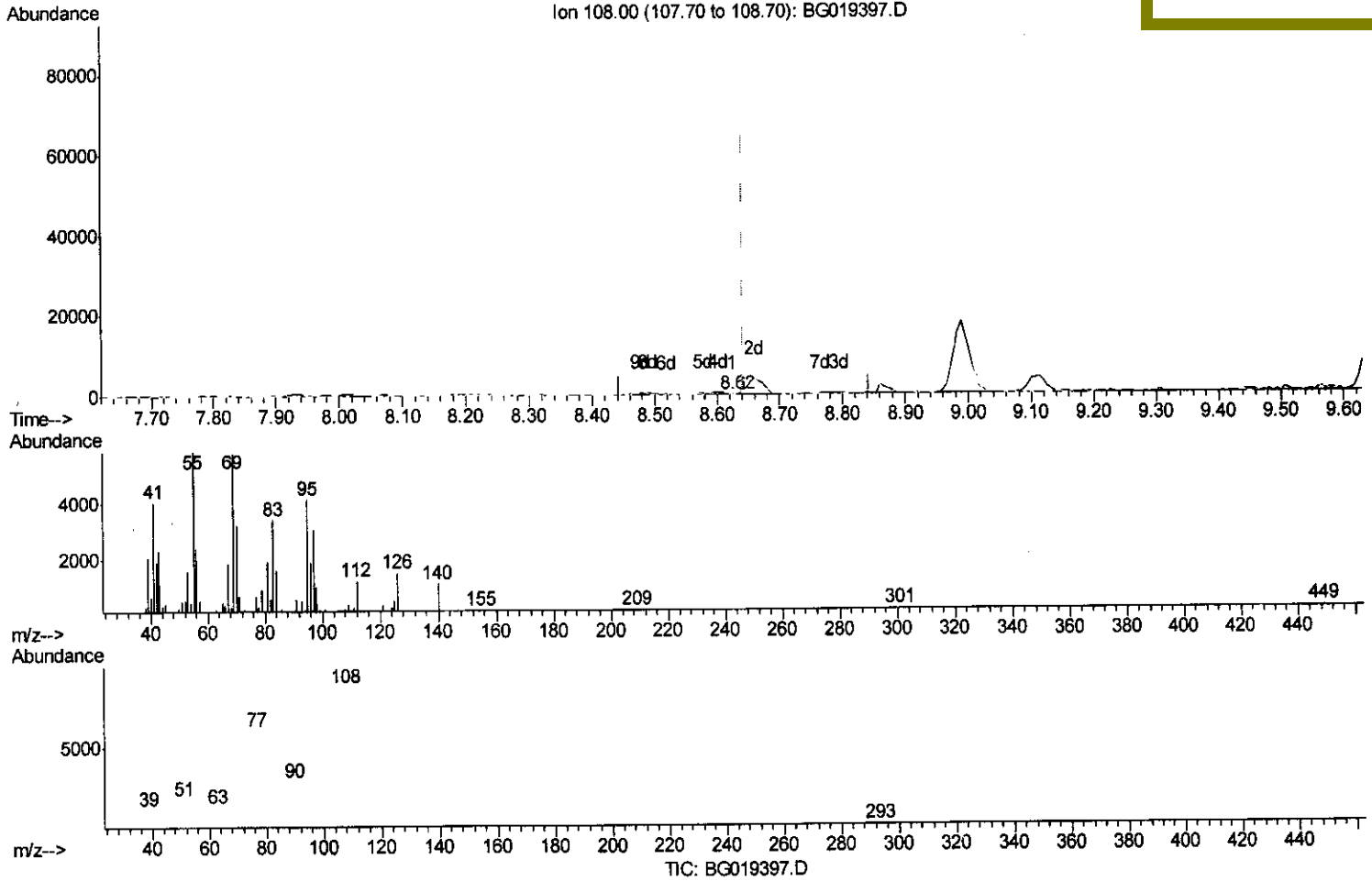
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019397.D
 Acq On : 29 Oct 2015 1:29
 Operator : UM/NP
 Sample : G4120-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT4

Quant Time: Oct 29 03:51:07 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 01:04:20 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:05 PM



(11) 2-Methylphenol

8.625min (-0.018) 0.03ng/ul

response 88

Ion	Exp%	Act%
108.00	100	100
107.00	89.00	78.40
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

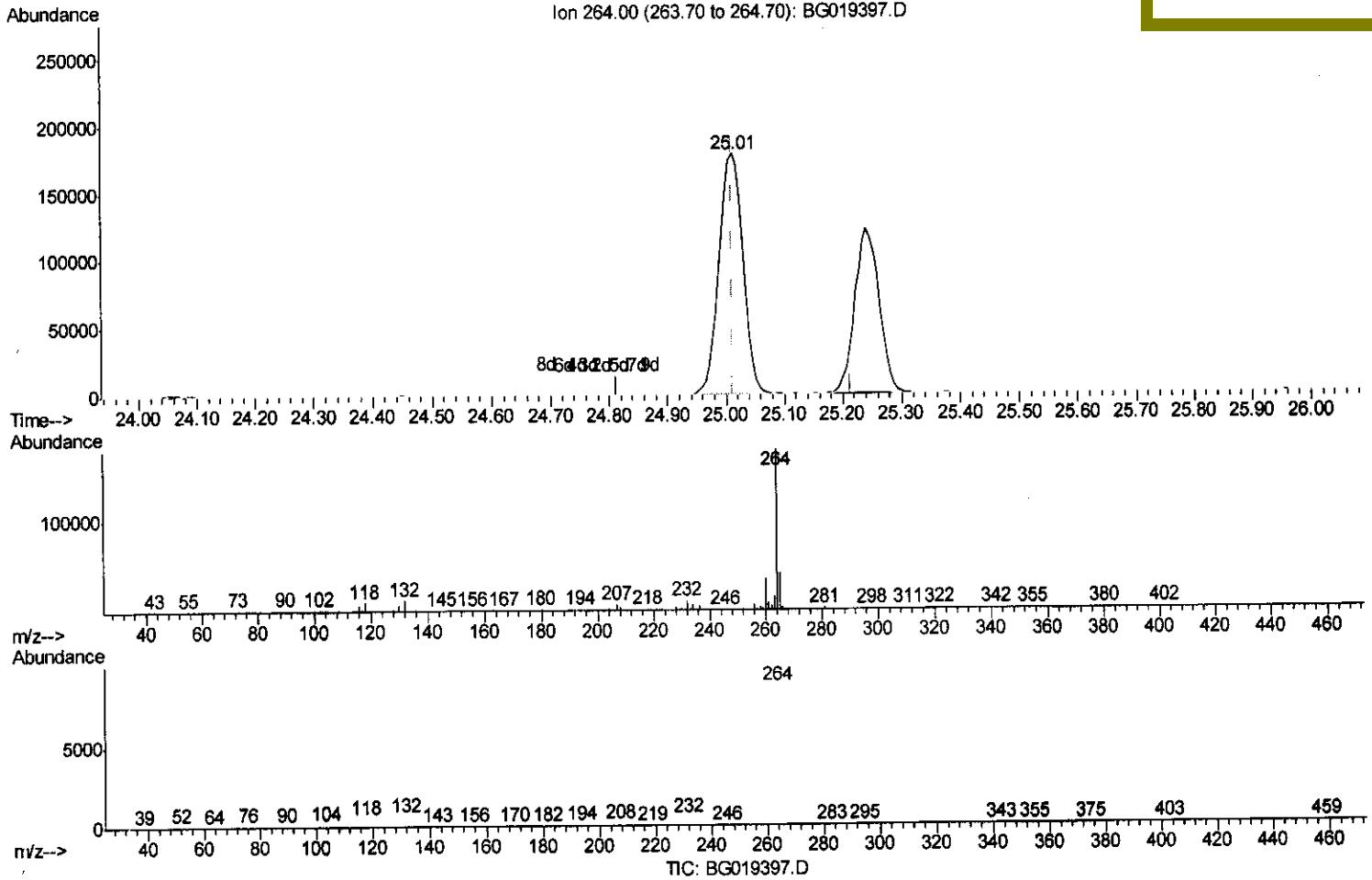
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019397.D
 Acq On : 29 Oct 2015 1:29
 Operator : UM/NP
 Sample : G4120-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT4

Quant Time: Oct 29 03:50:37 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 01:04:20 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:05 PM



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

25.011min (-0.001) 28.87ng/ul m

response 506574

Ion	Exp%	Act%
264.00	100	100
132.00	4.80	6.61#
118.00	4.50	5.36
0.00	0.00	0.00

U.M
 10/31/15

Quantitation Report (Qedit)

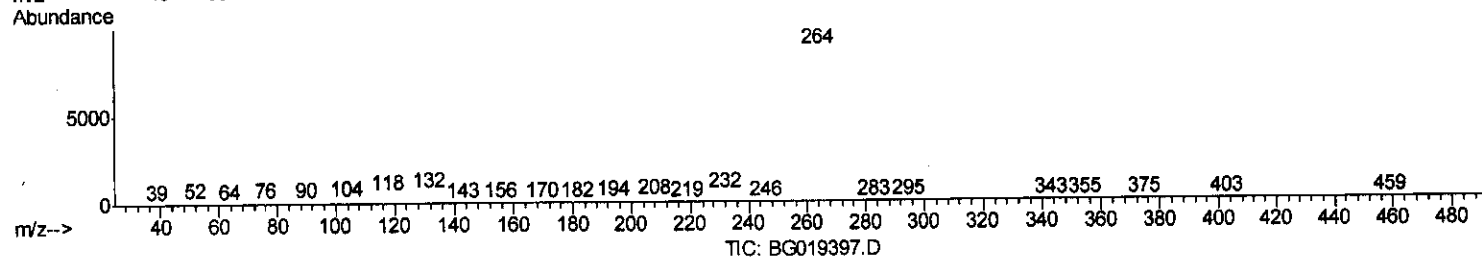
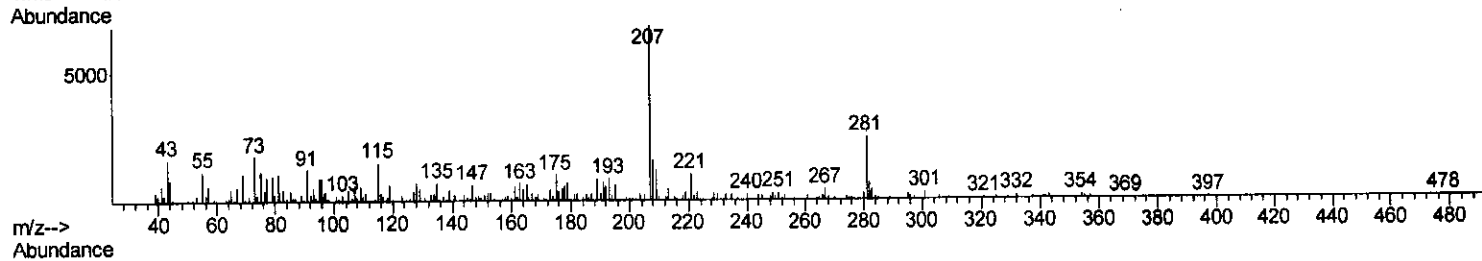
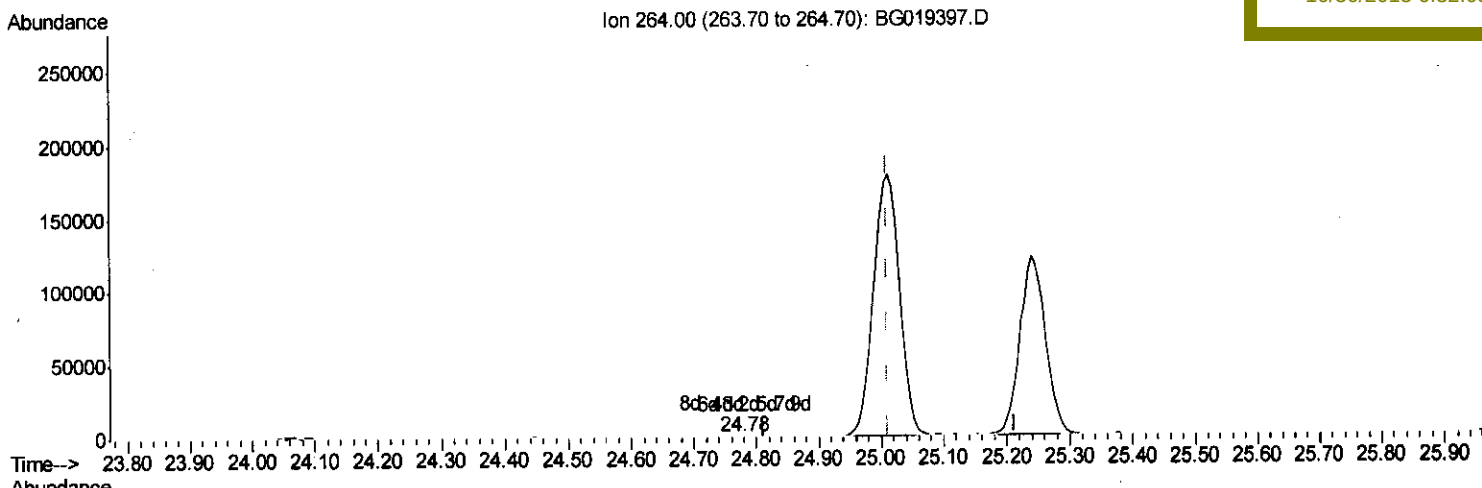
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019397.D
 Acq On : 29 Oct 2015 1:29
 Operator : UM/NP
 Sample : G4120-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT4

Quant Time: Oct 29 03:50:37 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 01:04:20 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:05 PM



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

24.776min (-0.236) 0.00ng/ui

response 67

Ion	Exp%	Act%
264.00	100	100
132.00	4.80	89.42#
118.00	4.50	155.56#
0.00	0.00	0.00

Quantitation Report (Qedit)

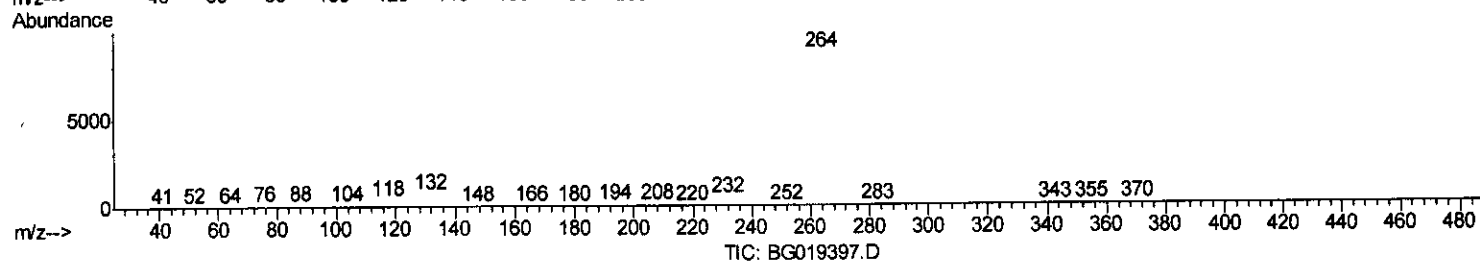
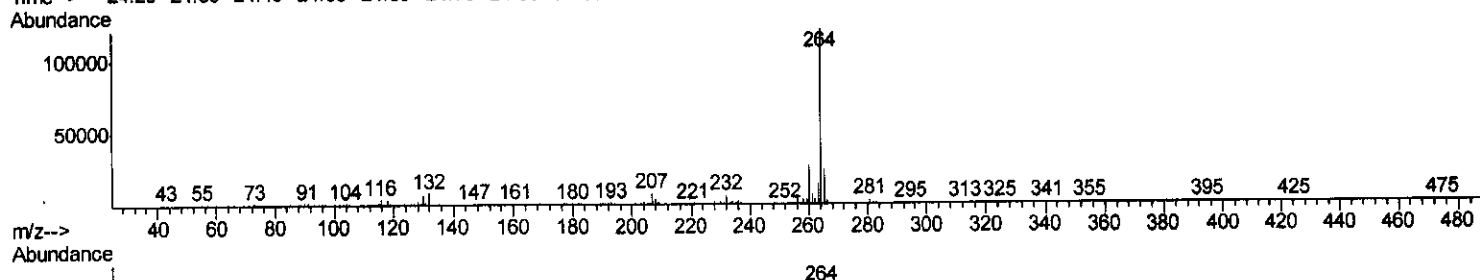
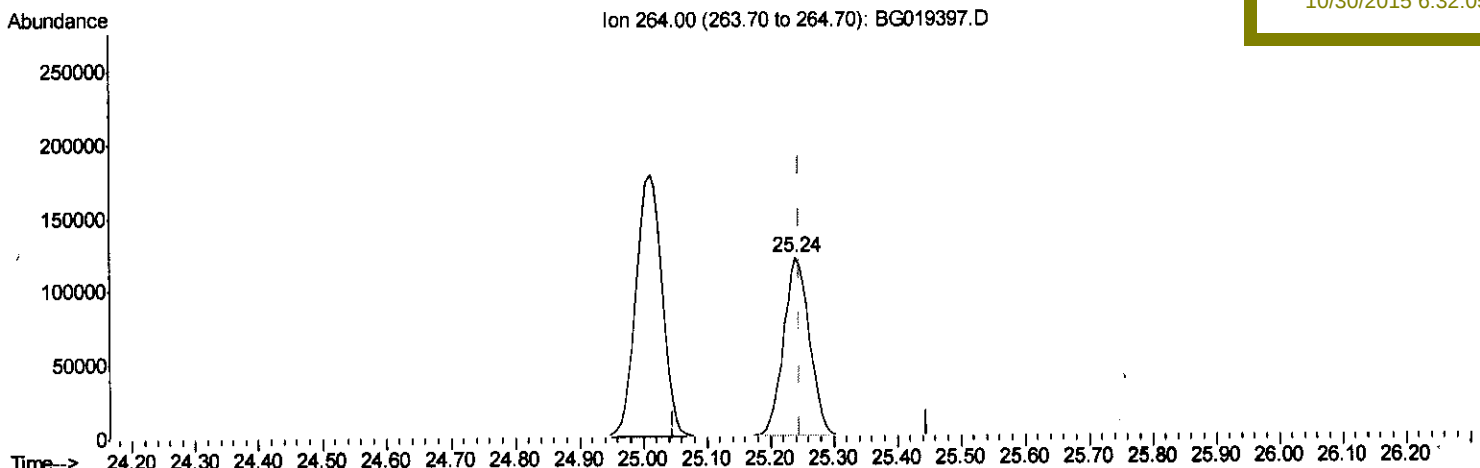
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019397.D
 Acq On : 29 Oct 2015 1:29
 Operator : UM/NP
 Sample : G4120-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sample ID :
 E5LT4

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:05 PM

Quant Time: Oct 29 03:49:33 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 01:04:20 2015
 Response via : Initial Calibration



(86) Perylene-d12 (I)

25.240min (-0.007) 20.00ng/ul m U.M

response 349714

10/31/15

Ion	Exp%	Act%
264.00	100	100
260.00	24.30	21.70
265.00	20.90	20.09
0.00	0.00	0.00

Quantitation Report (Qedit)

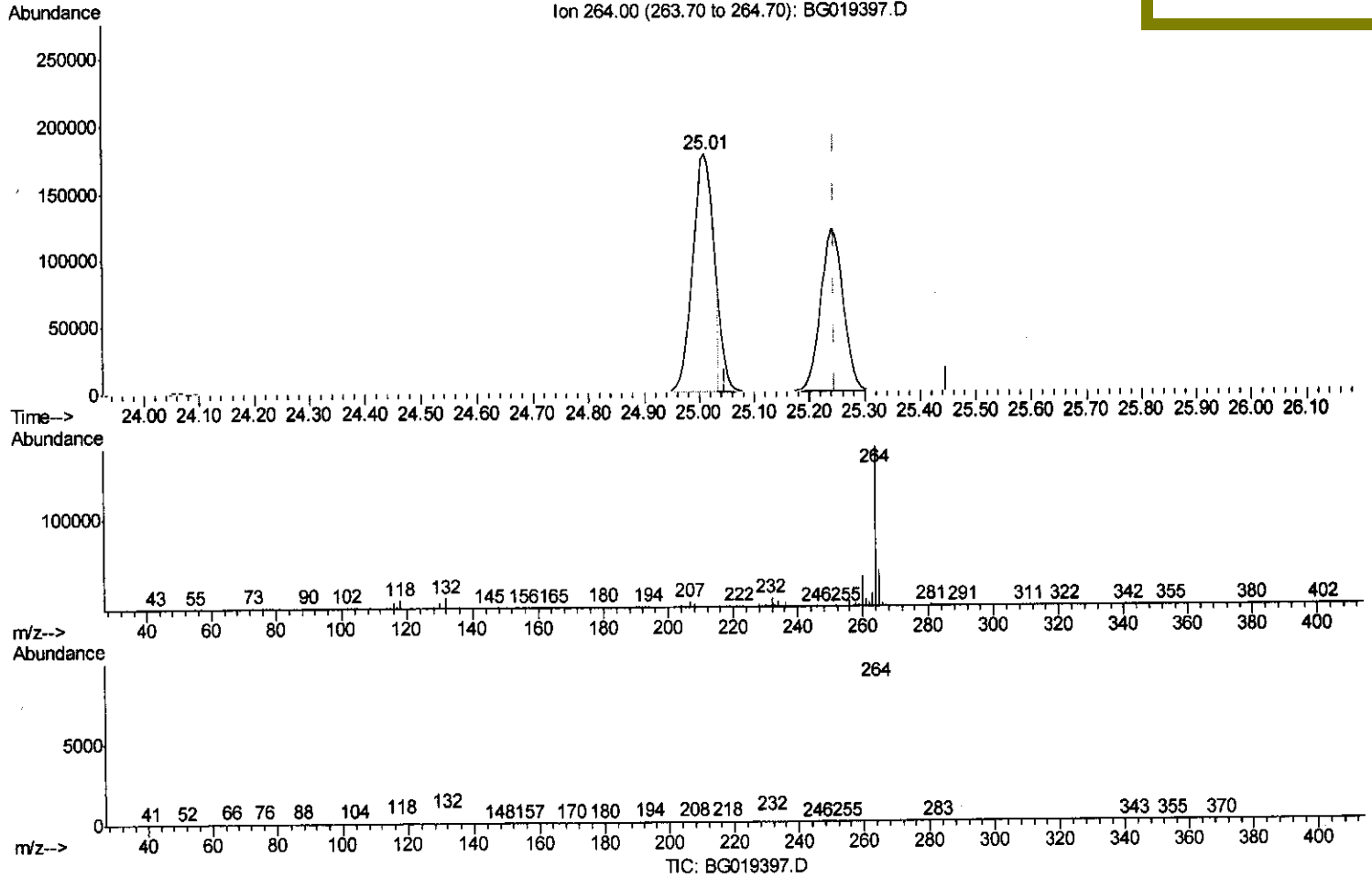
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019397.D
 Acq On : 29 Oct 2015 1:29
 Operator : UM/NP
 Sample : G4120-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT4

Quant Time: Oct 29 03:49:33 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 01:04:20 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:05 PM



(86) Perylene-d12 (I)

25.011min (-0.236) 20.00ng/ul

response 474865

Ion	Exp%	Act%
264.00	100	100
260.00	24.30	19.44
265.00	20.90	22.69
0.00	0.00	0.00

Quantitation Report (Qedit)

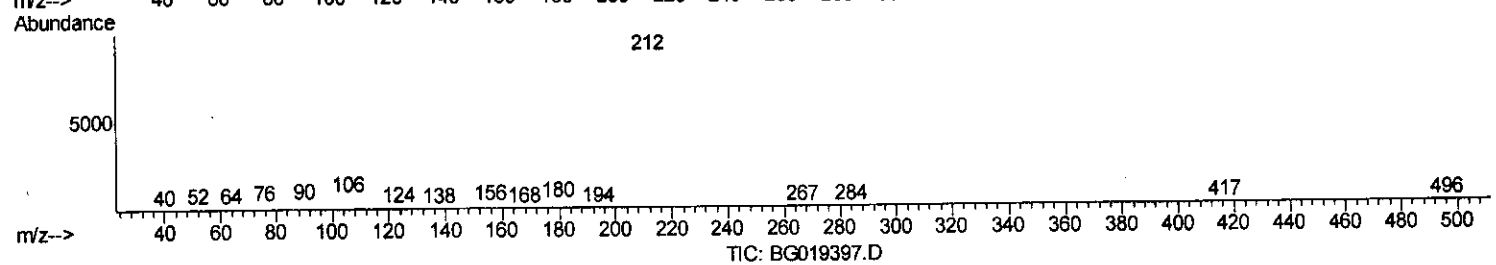
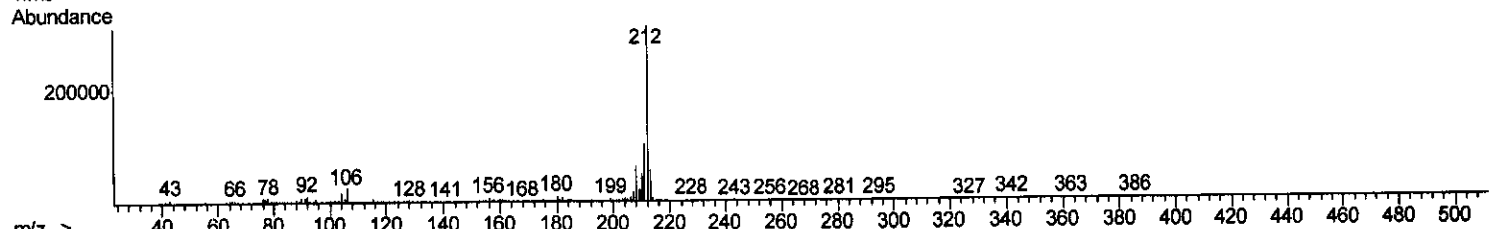
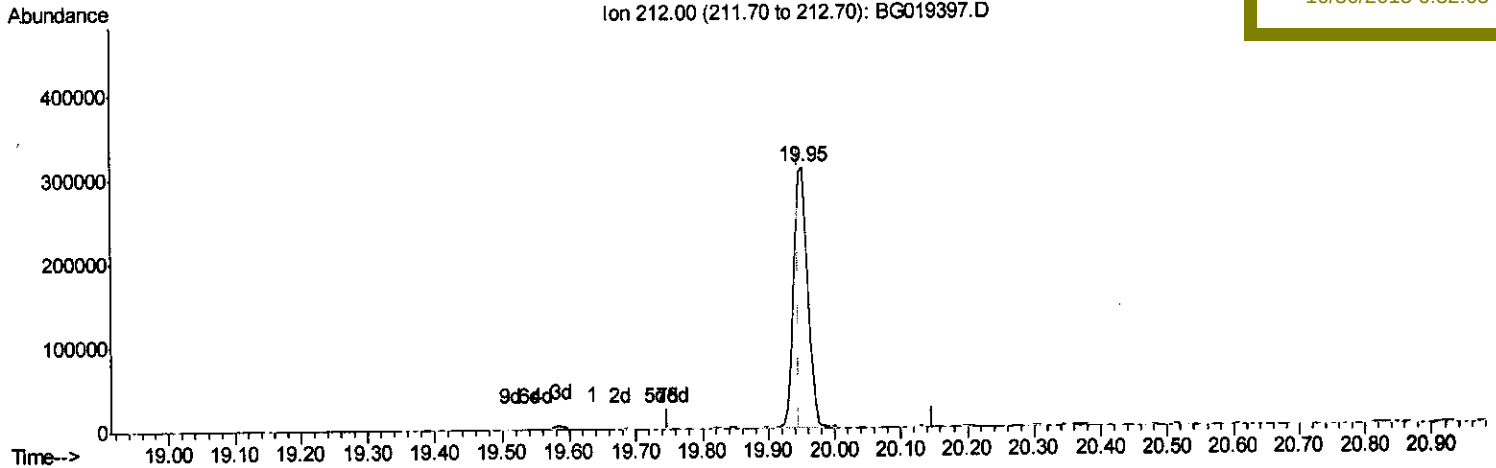
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019397.D
 Acq On : 29 Oct 2015 1:29
 Operator : UM/NP
 Sample : G4120-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT4

Quant Time: Oct 29 03:49:33 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 01:04:20 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:05 PM



(79) Pyrene-d10 (S)

19.952min (+0.005) 28.60ng/ul m

response 457383

Ion	Exp%	Act%
212.00	100	100
106.00	6.00	8.02#
104.00	5.10	5.46
0.00	0.00	0.00

U.M
 10/31/15

Quantitation Report (Qedit)

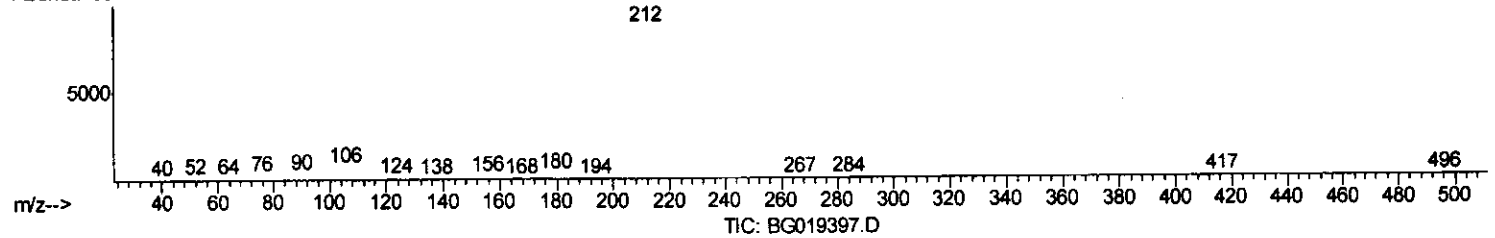
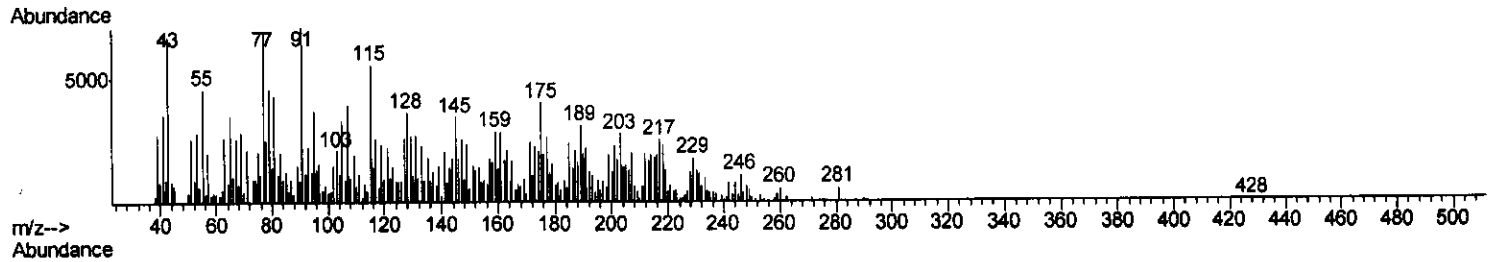
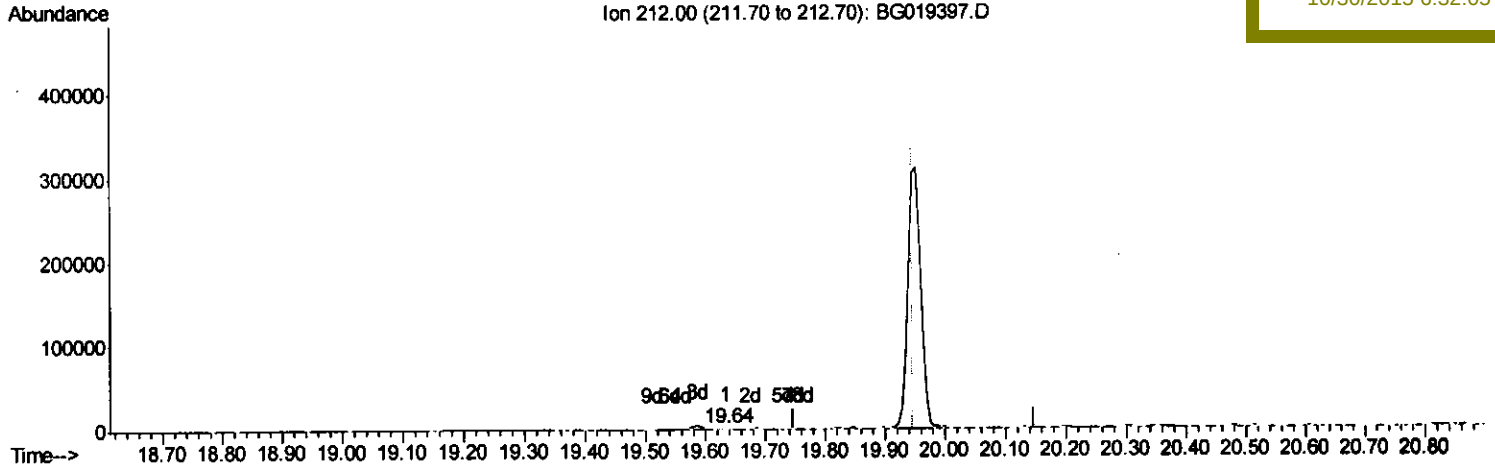
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019397.D
 Acq On : 29 Oct 2015 1:29
 Operator : UM/NP
 Sample : G4120-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Oct 29 03:49:33 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 01:04:20 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 E5LT4

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:05 PM



(79) Pyrene-d10 (S)

19.635min (-0.312) 0.13ng/ul

response 2128

Ion	Exp%	Act%
212.00	100	100
106.00	6.00	48.39#
104.00	5.10	61.80#
0.00	0.00	0.00

Quantitation Report (Qedit)

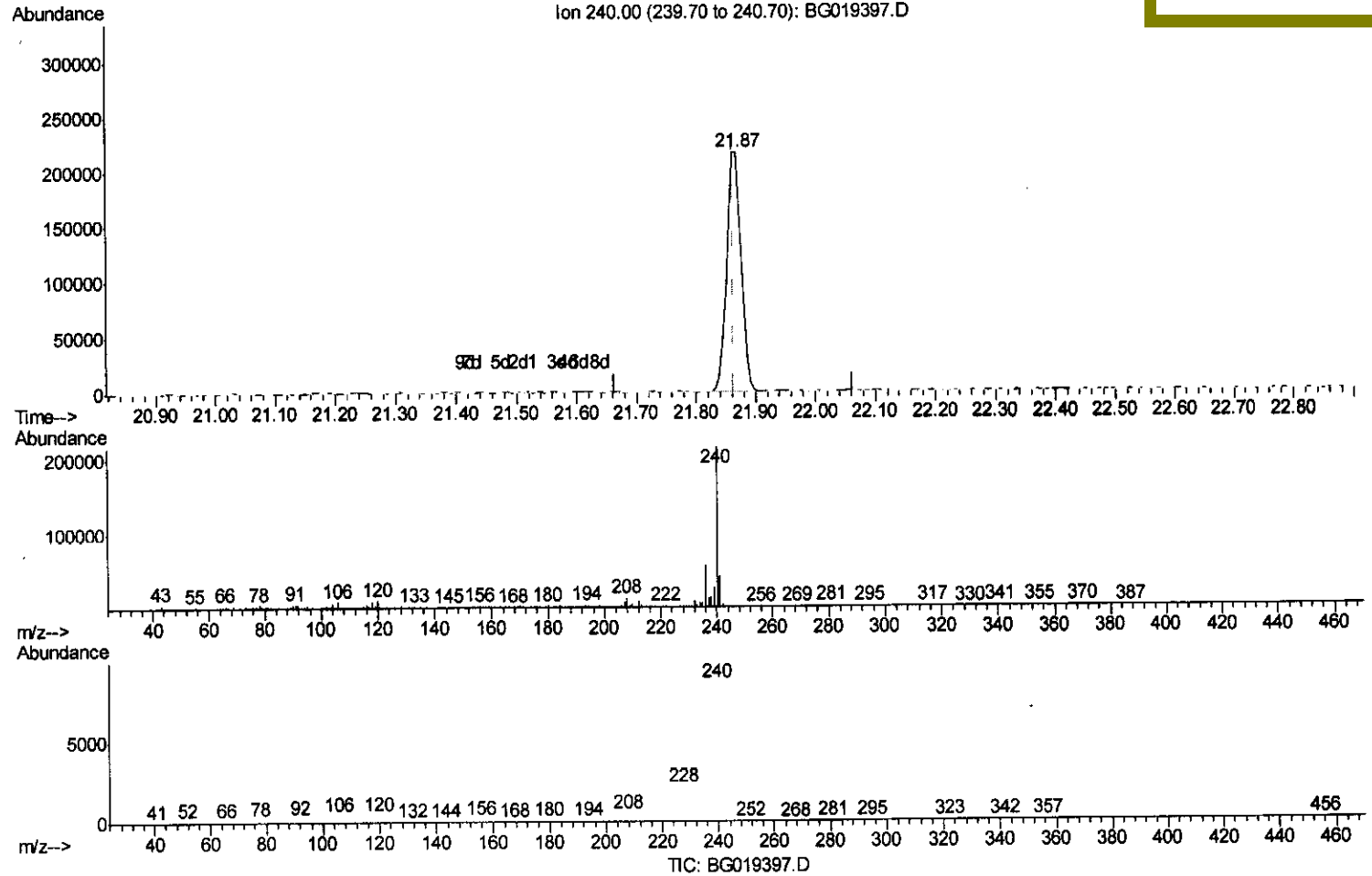
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019397.D
 Acq On : 29 Oct 2015 1:29
 Operator : UM/NP
 Sample : G4120-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT4

Quant Time: Oct 29 03:48:10 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 01:04:20 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:05 PM



(78) Chrysene-d12 (I)

21.868min (+0.005) 20.00ng/ul m

response 365425

Ion	Exp%	Act%
240.00	100	100
120.00	3.60	4.65#
236.00	26.20	26.42
0.00	0.00	0.00

U.M
 10/31/15

Quantitation Report (Qedit)

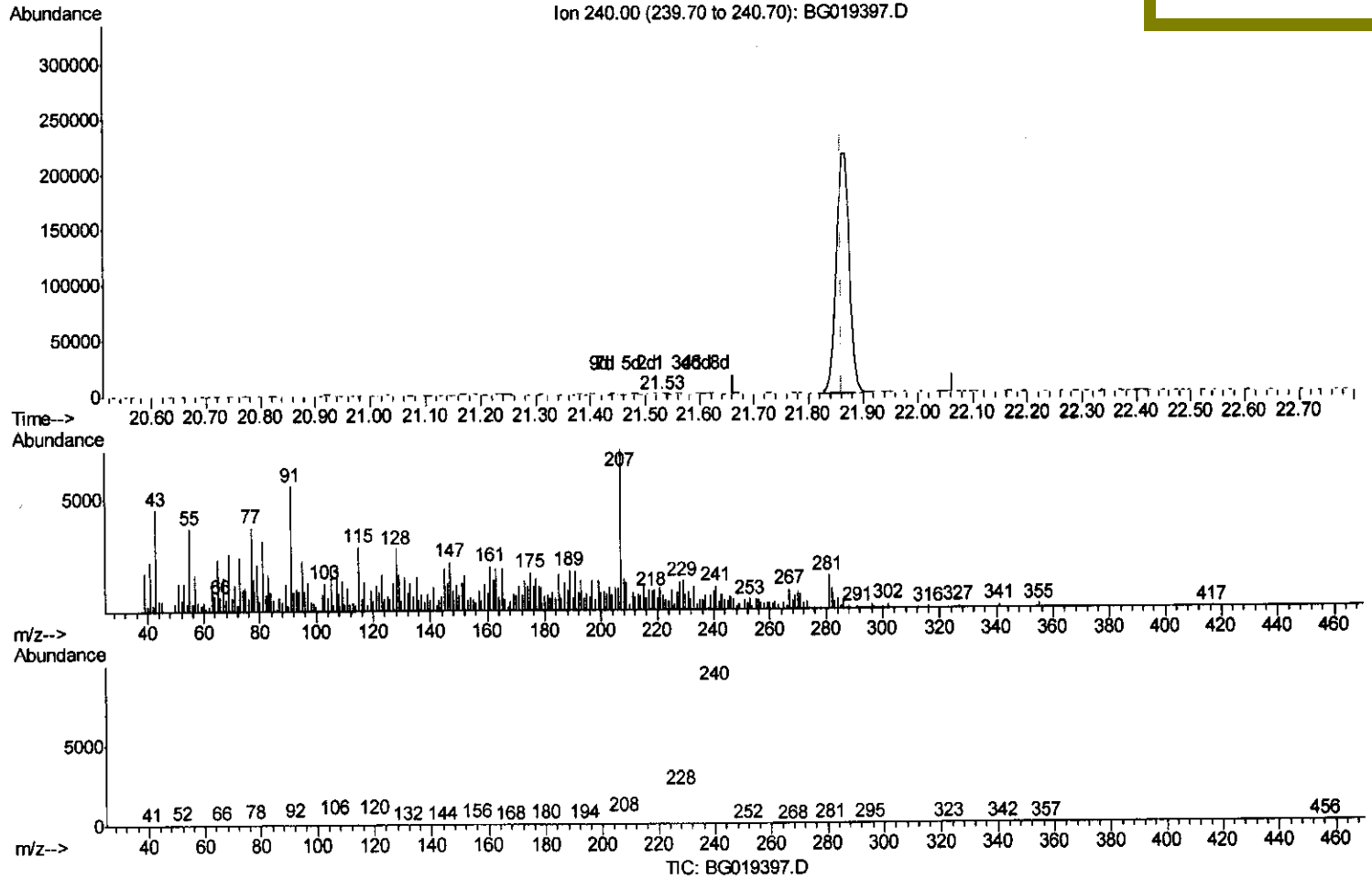
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019397.D
 Acq On : 29 Oct 2015 1:29
 Operator : UM/NP
 Sample : G4120-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT4

Quant Time: Oct 29 03:48:10 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 01:04:20 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:05 PM



(78) Chrysene-d12 (I)

21.527min (-0.336) 20.00ng/ul

response 590

Ion	Exp%	Act%
240.00	100	100
120.00	3.60	61.77#
236.00	26.20	61.98#
0.00	0.00	0.00

Quantitation Report (Qedit)

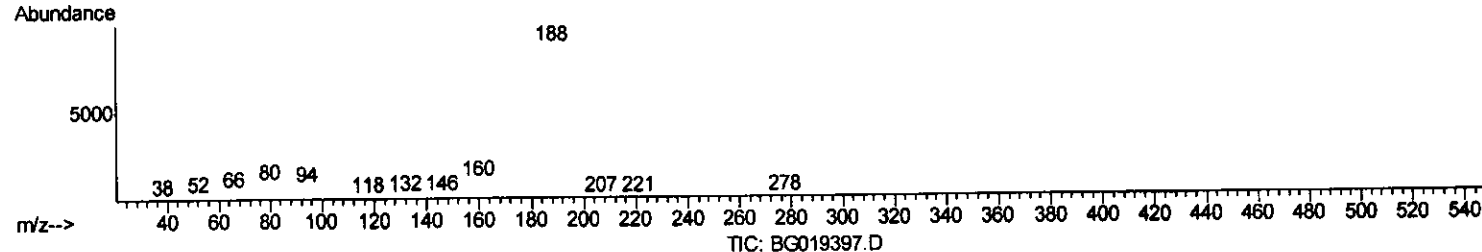
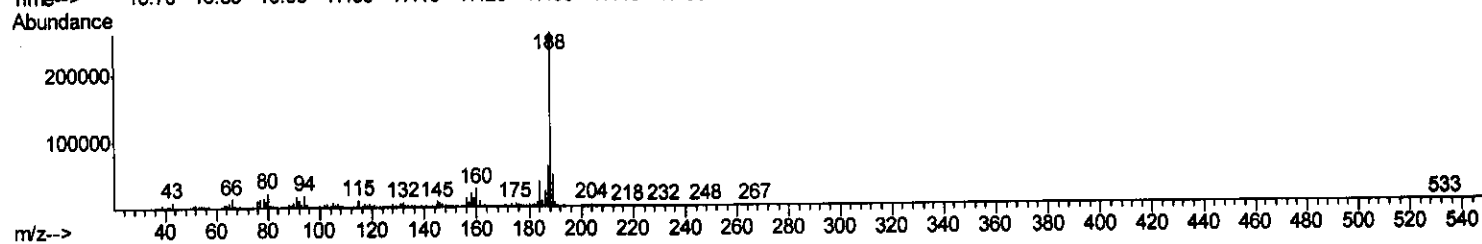
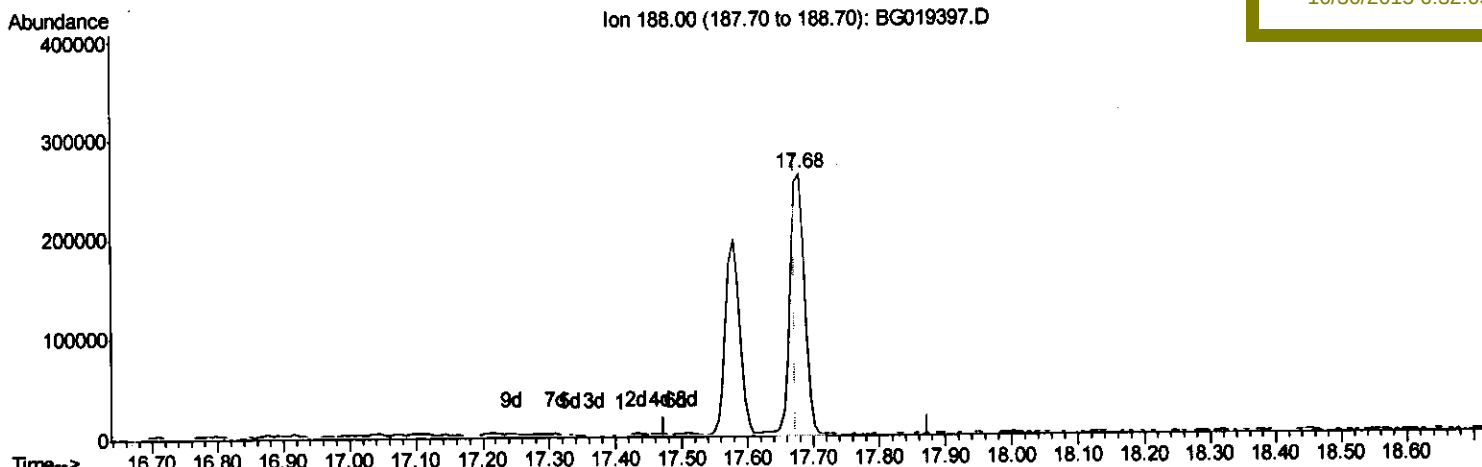
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019397.D
 Acq On : 29 Oct 2015 1:29
 Operator : UM/NP
 Sample : G4120-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT4

Quant Time: Oct 29 03:48:10 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 01:04:20 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:05 PM



(71) Anthracene-d10 (S)

17.679min (+0.005) 29.30ng/ul m

response 403738

Ion Exp% Act%

188.00 100 100

94.00 6.30 7.21

80.00 7.00 8.56#

0.00 0.00 0.00

U.M
 10/31/15

Quantitation Report (Qedit)

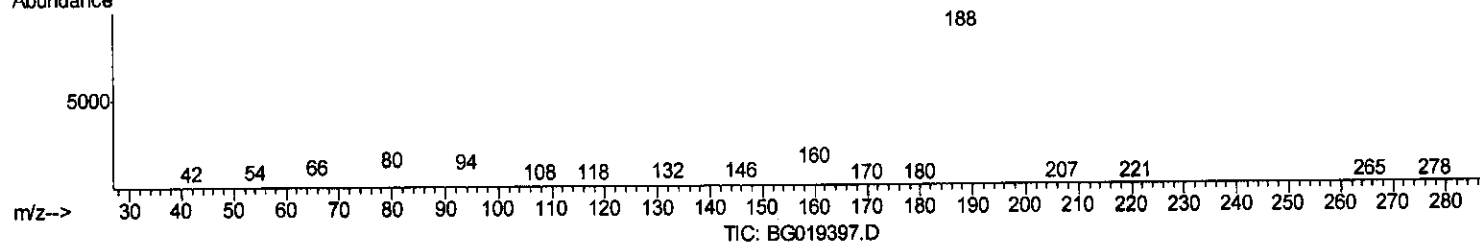
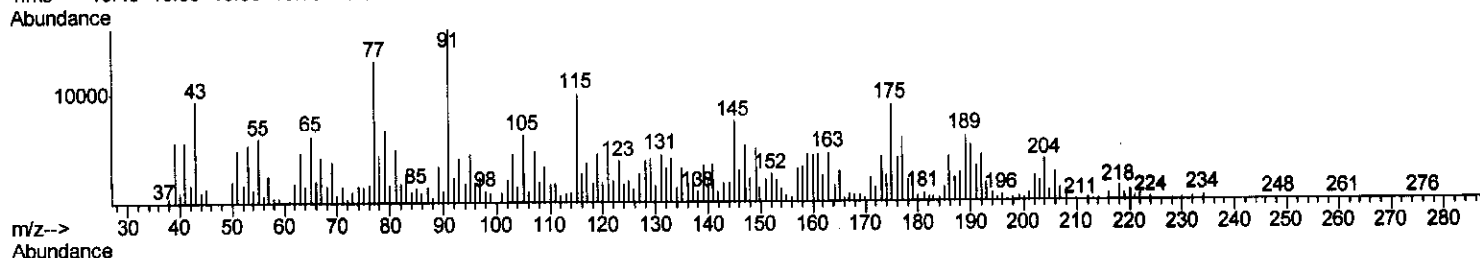
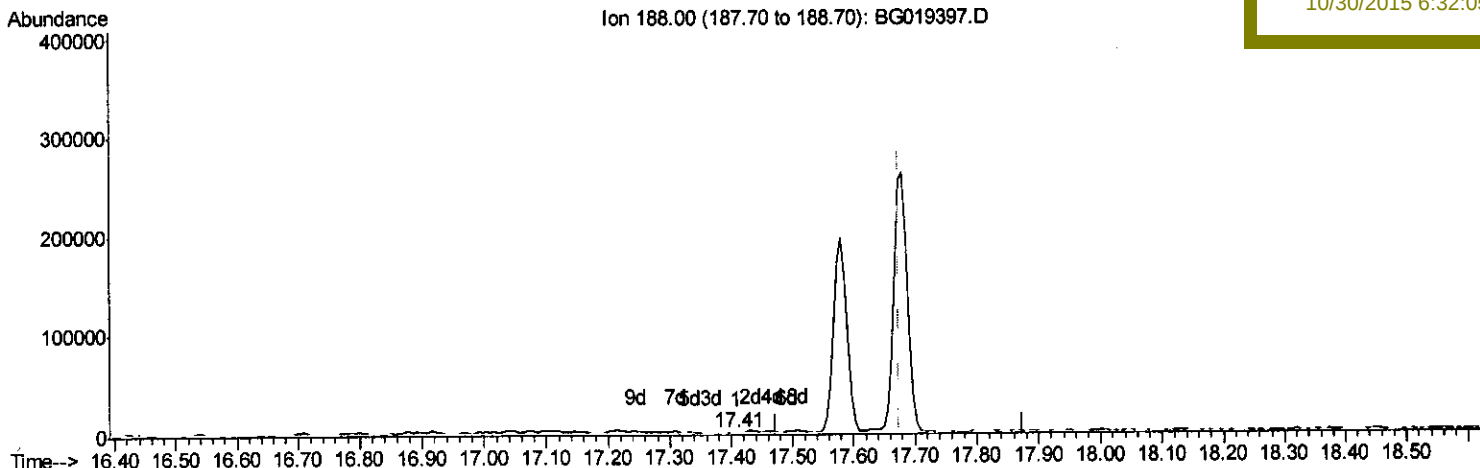
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019397.D
 Acq On : 29 Oct 2015 1:29
 Operator : UM/NP
 Sample : G4120-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT4

Quant Time: Oct 29 03:48:10 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 01:04:20 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:05 PM



(71) Anthracene-d10 (S)

17.408min (-0.265) 0.08ng/ul

response 1151

Ion	Exp%	Act%
188.00	100	100
94.00	6.30	67.63#
80.00	7.00	65.04#
0.00	0.00	0.00

Quantitation Report (Qedit)

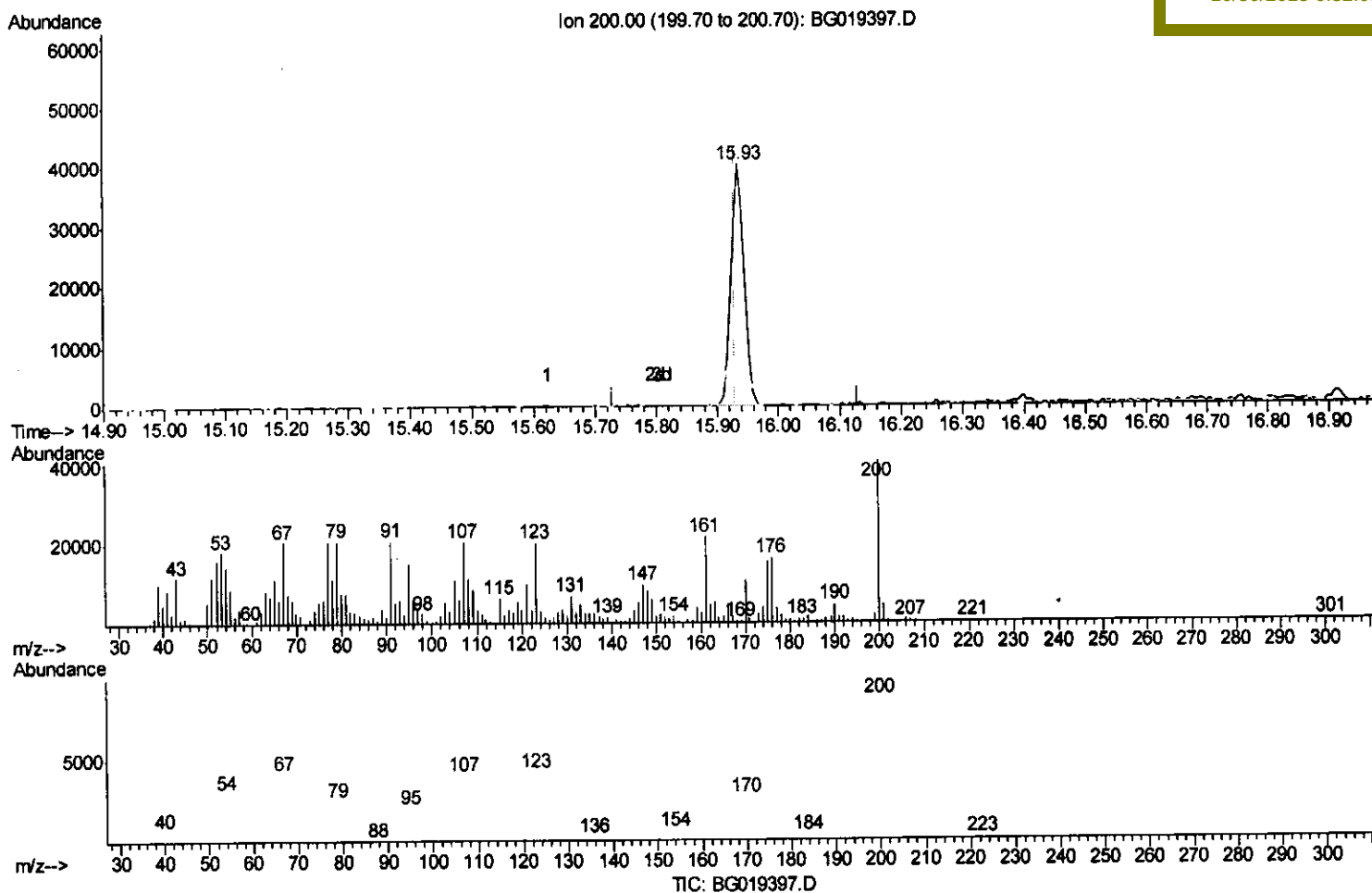
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019397.D
Acq On : 29 Oct 2015 1:29
Operator : UM/NP
Sample : G4120-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LT4

Quant Time: Oct 29 03:48:10 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 29 01:04:20 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

Mmdadoda
10/30/2015 6:32:05 PM



(63) 4,6-Dinitro-2-methylphenol-d2 (S)

15.934min (+0.005) 30.22ng/ul m

response 59112

Ion	Exp%	Act%
200.00	100	100
170.00	20.10	26.51#
52.00	35.30	39.64
0.00	0.00	0.00

U.M
10/31/15

Quantitation Report (Qedit)

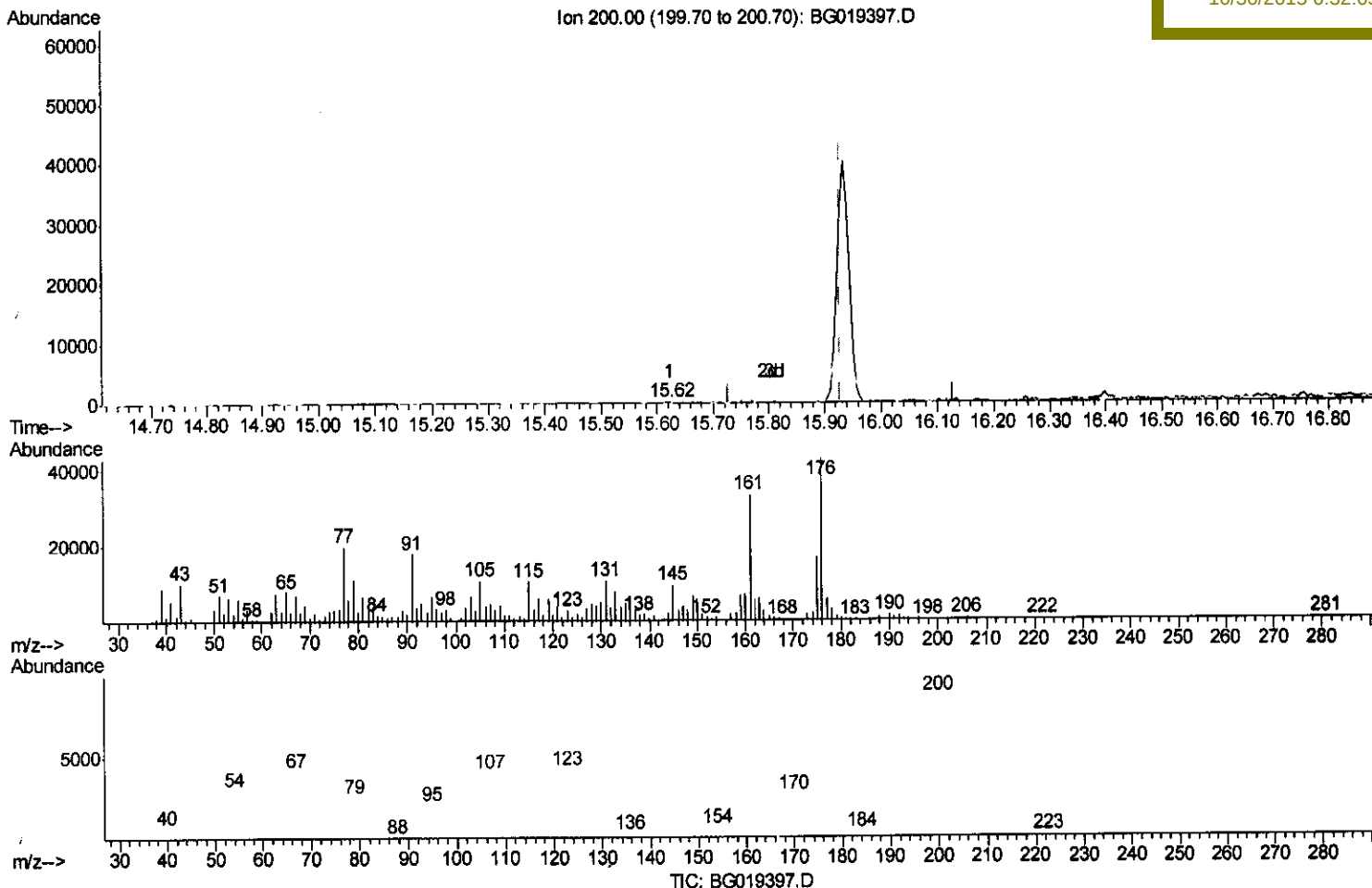
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019397.D
 Acq On : 29 Oct 2015 1:29
 Operator : UM/NP
 Sample : G4120-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT4

Quant Time: Oct 29 03:48:10 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 01:04:20 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:05 PM



(63) 4,6-Dinitro-2-methylphenol-d2 (S)

15.622min (-0.306) 0.07ng/ui

response 130

Ion	Exp%	Act%
200.00	100	100
170.00	20.10	160.49#
52.00	35.30	1196.10#
0.00	0.00	0.00

Quantitation Report (Qedit)

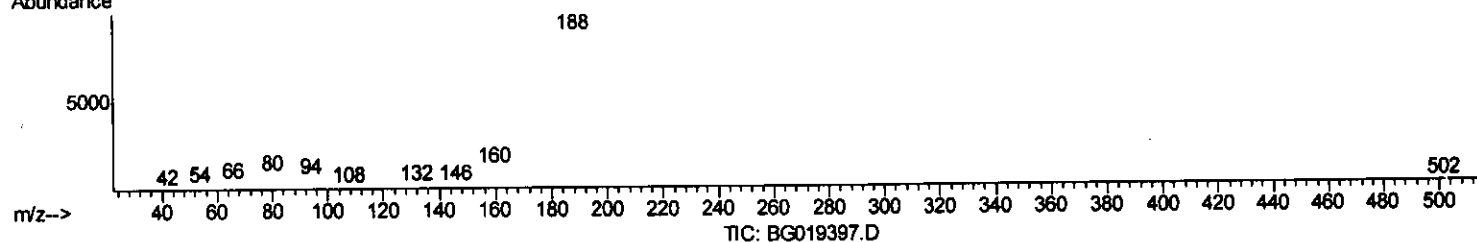
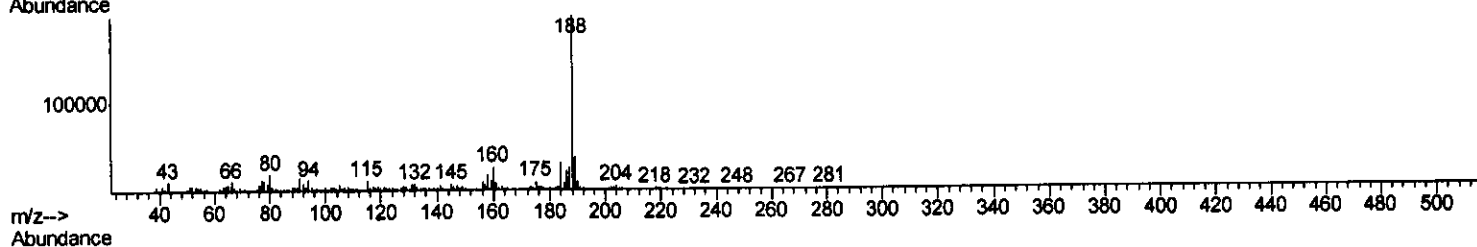
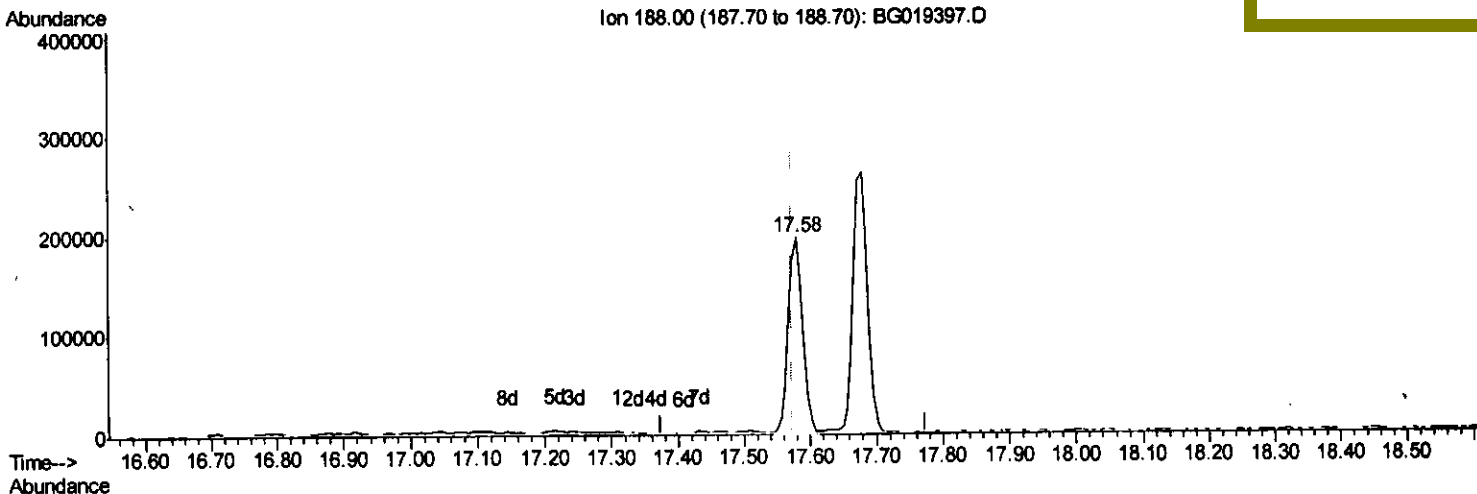
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019397.D
 Acq On : 29 Oct 2015 1:29
 Operator : UM/NP
 Sample : G4120-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT4

Quant Time: Oct 29 03:40:47 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 01:04:20 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:05 PM



(62) Phenanthrene-d10 (I)

17.579min (+0.005) 20.00ng/ul m

response 302257

U.M
 10/31/15

Ion	Exp%	Act%
188.00	100	100
94.00	4.30	6.03#
80.00	7.20	9.43#
0.00	0.00	0.00

Quantitation Report (Qedit)

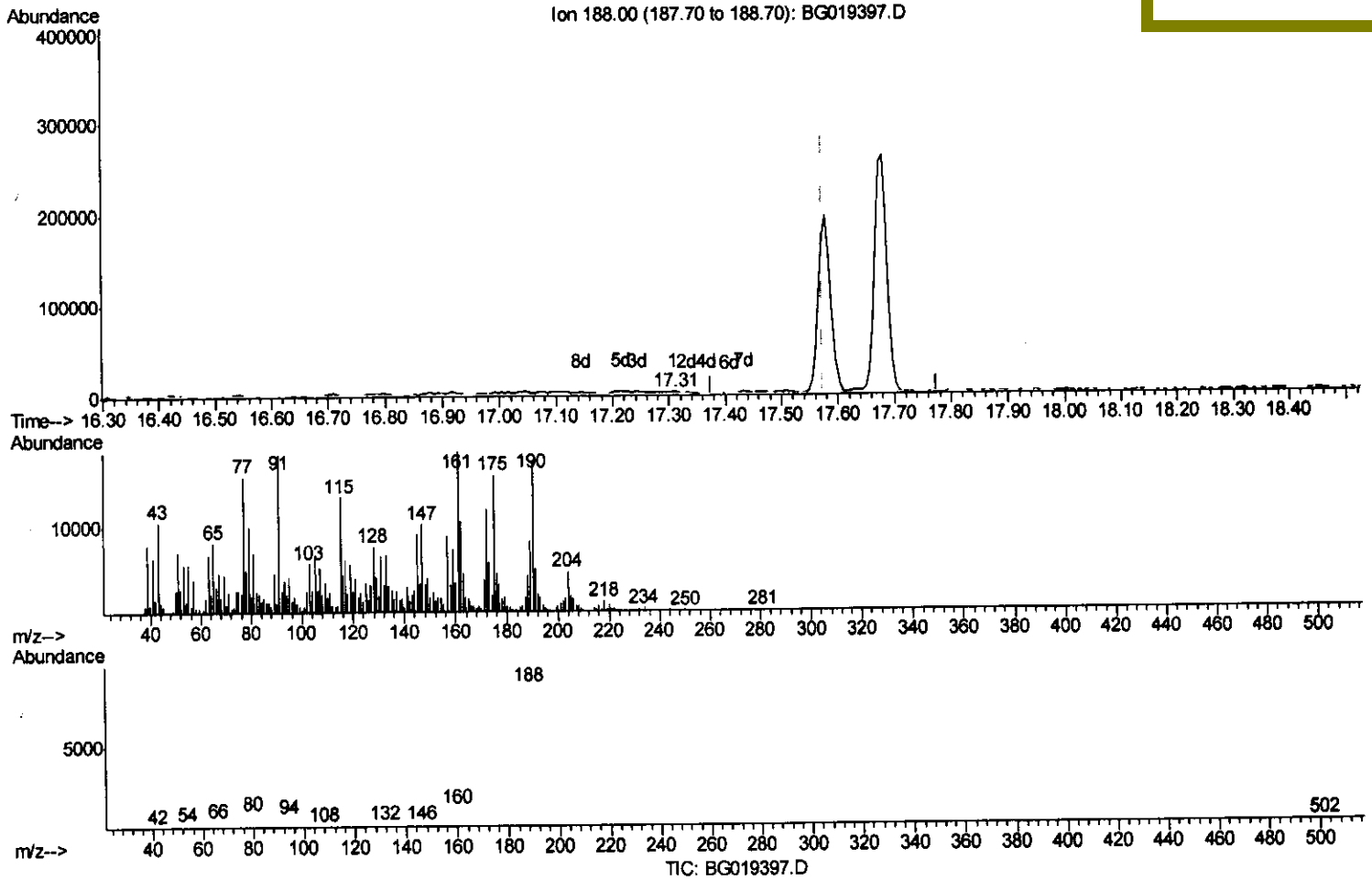
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019397.D
 Acq On : 29 Oct 2015 1:29
 Operator : UM/NP
 Sample : G4120-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT4

Quant Time: Oct 29 03:40:47 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 01:04:20 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:05 PM



(62) Phenanthrene-d10 (I)

17.308min (-0.265) 20.00ng/ul

response 1364

Ion	Exp%	Act%
188.00	100	100
94.00	4.30	50.85#
80.00	7.20	47.02#
0.00	0.00	0.00

Quantitation Report (Qedit)

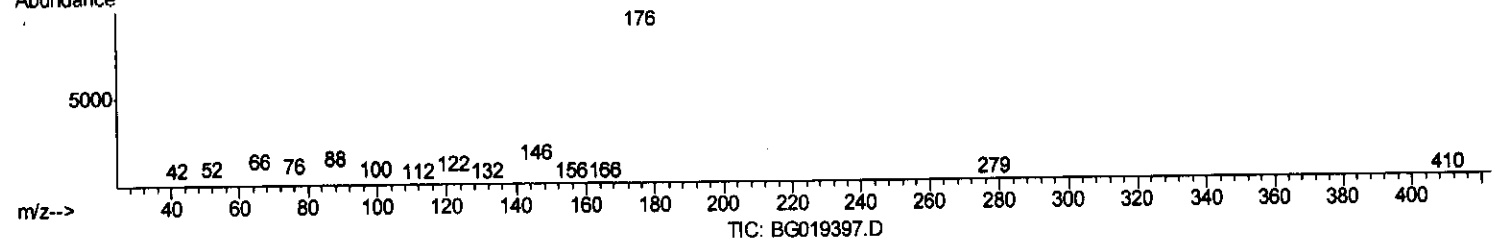
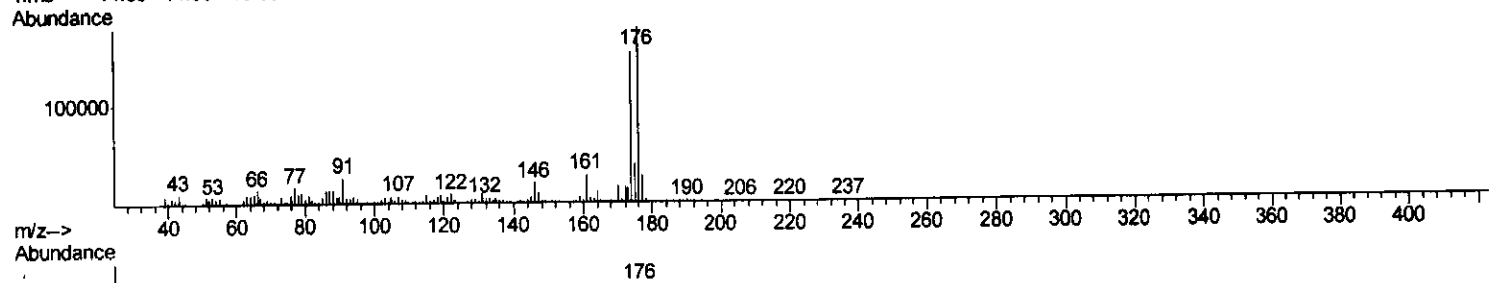
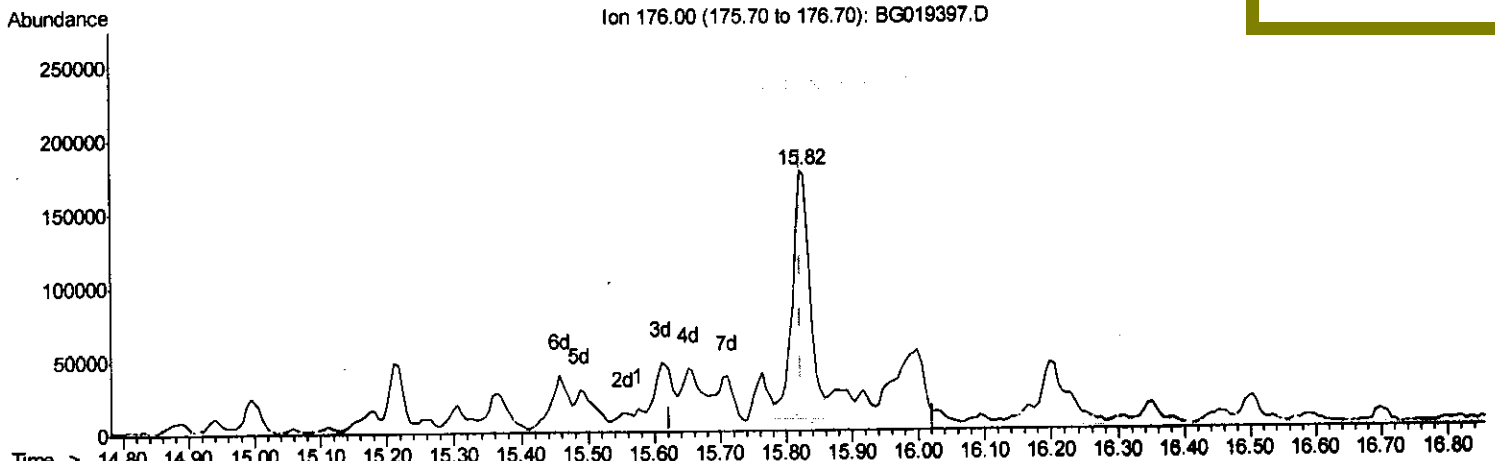
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019397.D
 Acq On : 29 Oct 2015 1:29
 Operator : UM/NP
 Sample : G4120-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT4

Quant Time: Oct 29 03:40:47 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 01:04:20 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:05 PM



(58) Fluorene-d10 (S)

15.822min (-0.001) 27.48ng/ul m

response 313362

Ion Exp% Act%

176.00	100	100
174.00	88.10	85.73
87.00	5.70	7.56#
86.00	6.30	7.48

U.M
 10/31/15

Quantitation Report (Qedit)

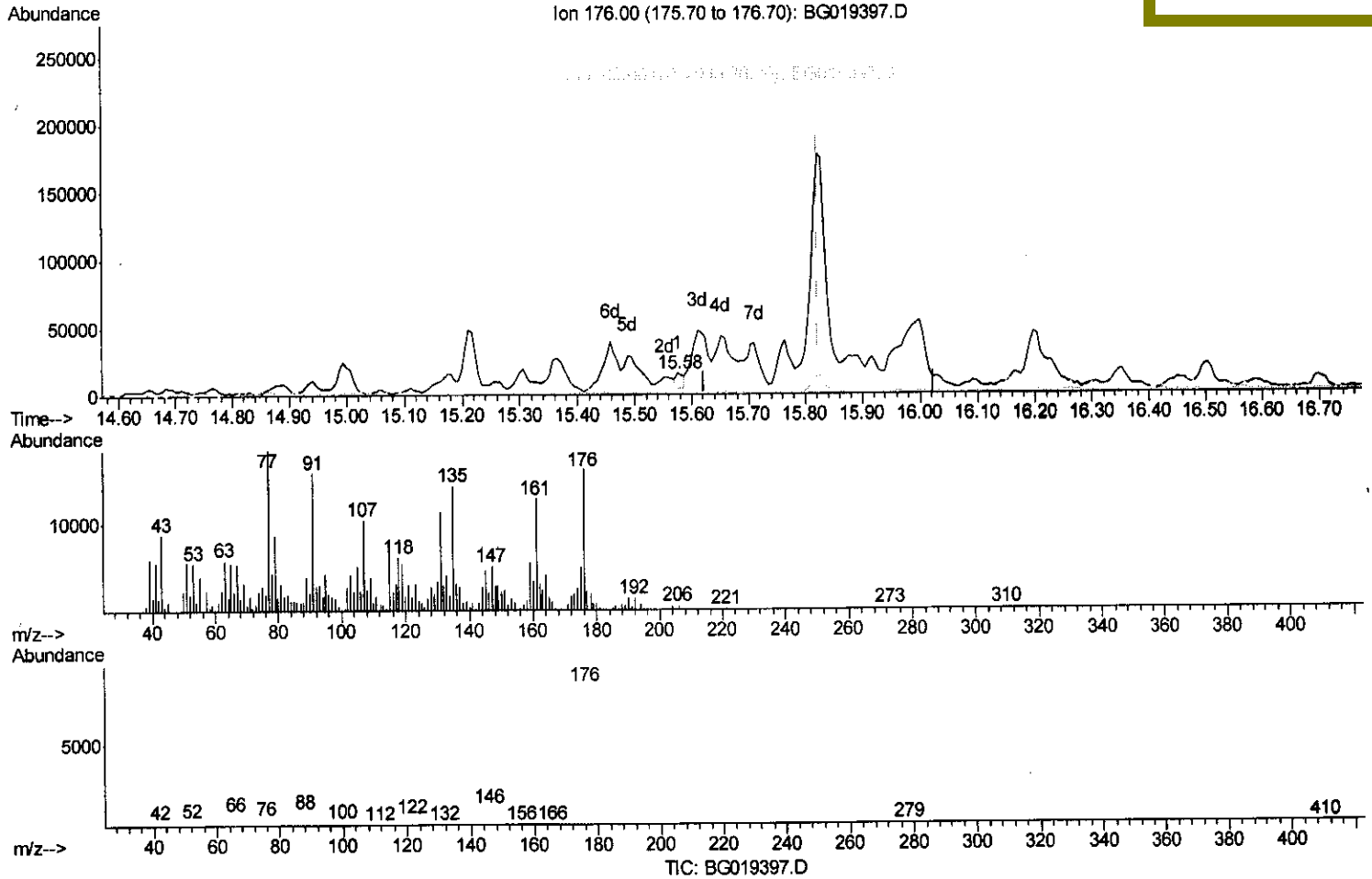
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019397.D
 Acq On : 29 Oct 2015 1:29
 Operator : UM/NP
 Sample : G4120-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT4

Quant Time: Oct 29 03:40:47 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 01:04:20 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:05 PM



(58) Fluorene-d10 (S)

15.575min (-0.248) 0.92ng/ul

response 10482

Ion	Exp%	Act%
176.00	100	100
174.00	88.10	16.35#
87.00	5.70	6.11
86.00	6.30	7.00

Quantitation Report (Qedit)

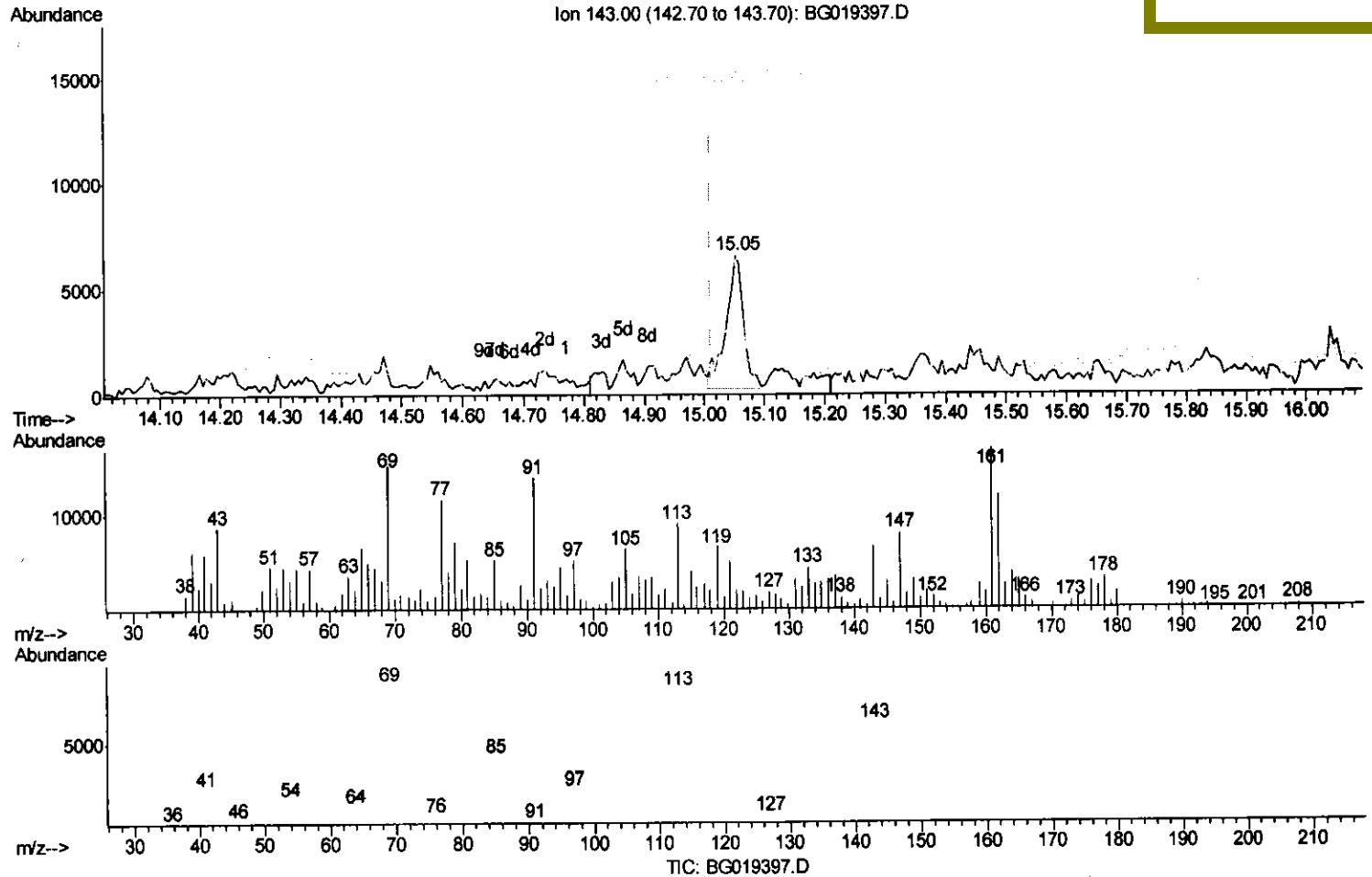
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019397.D
 Acq On : 29 Oct 2015 1:29
 Operator : UM/NP
 Sample : G4120-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT4

Quant Time: Oct 29 03:40:47 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 01:04:20 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:05 PM



(52) 4-Nitrophenol-d4 (S)

15.052min (+0.040) 6.39ng/ul m

response 12524

Ion	Exp%	Act%
143.00	100	100
113.00	166.10	138.13
41.00	40.70	90.11#
42.00	28.20	48.13#

U.M
 10/31/15

Quantitation Report (Qedit)

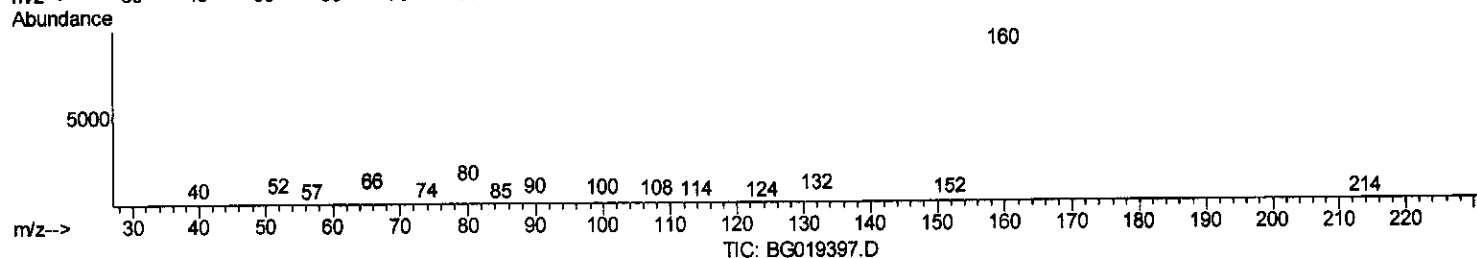
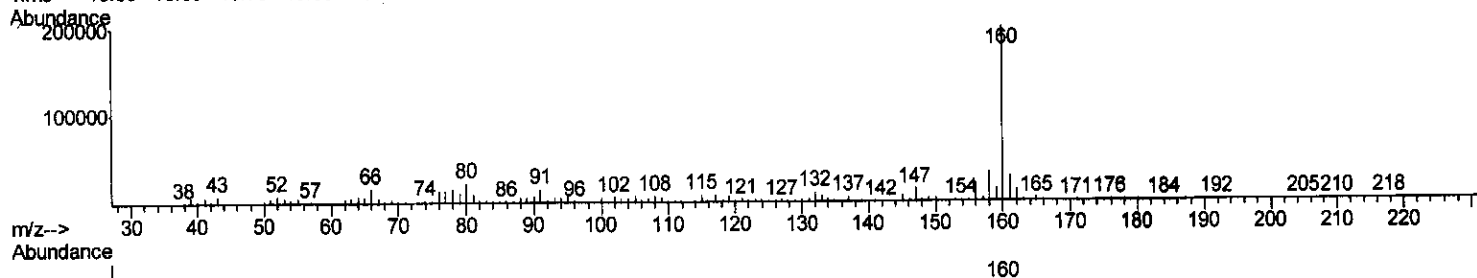
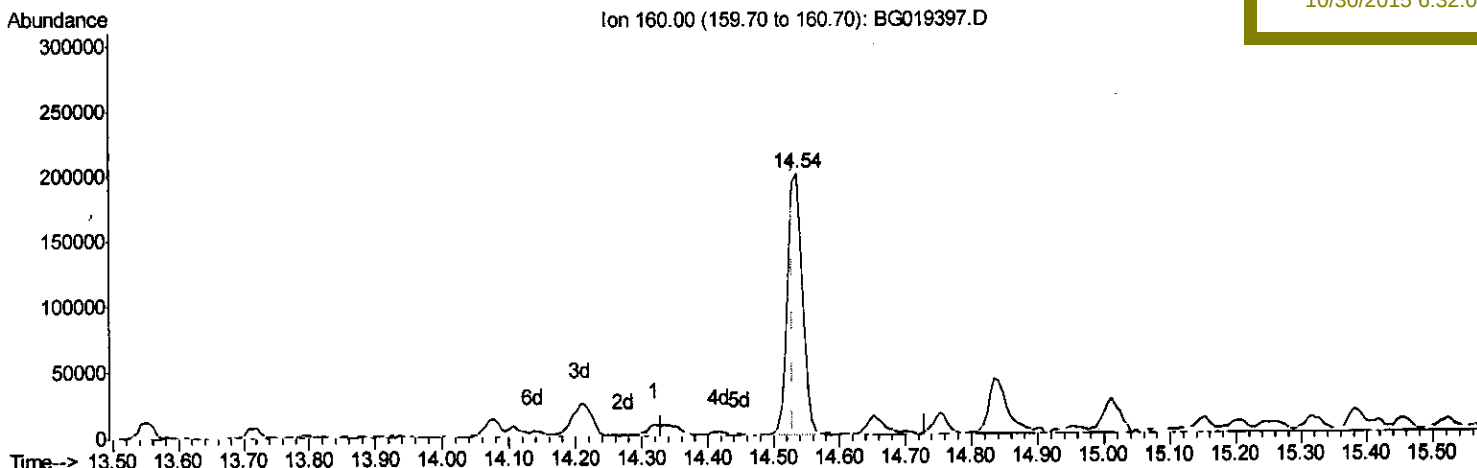
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019397.D
 Acq On : 29 Oct 2015 1:29
 Operator : UM/NP
 Sample : G4120-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT4

Quant Time: Oct 29 03:38:49 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 01:04:20 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:05 PM



(47) Acenaphthylene-d8 (S)

14.535min (+0.005) 23.06ng/ul m U.M
 response 314969
 10/31/15

Ion	Exp%	Act%
160.00	100	100
80.00	7.40	11.14#
158.00	13.90	16.62
0.00	0.00	0.00

Quantitation Report (Qedit)

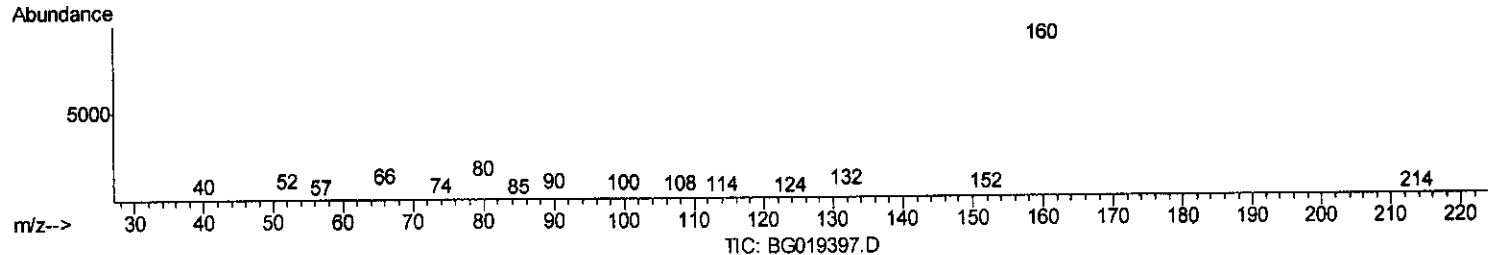
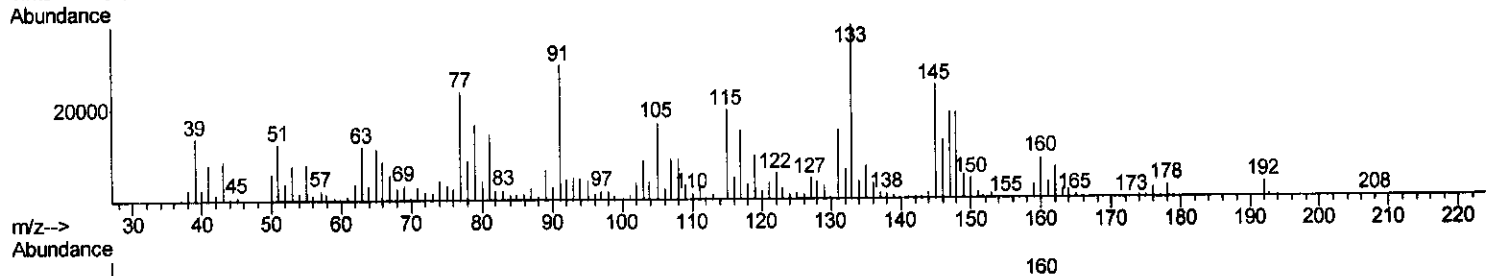
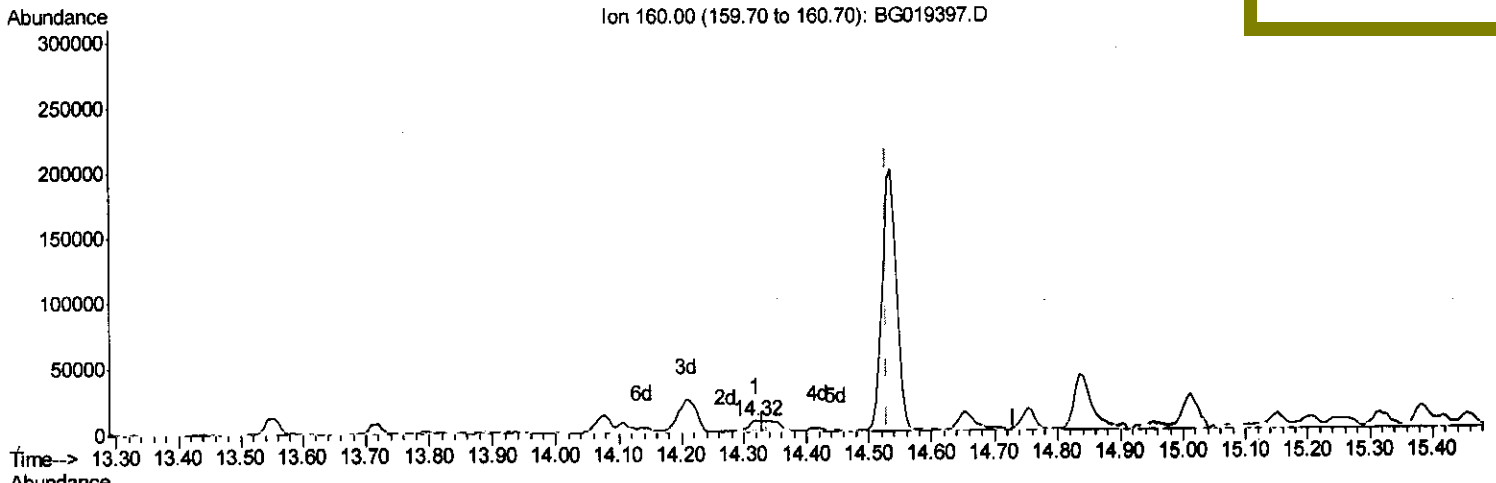
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019397.D
 Acq On : 29 Oct 2015 1:29
 Operator : UM/NP
 Sample : G4120-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT4

Quant Time: Oct 29 03:38:49 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 01:04:20 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:05 PM



(47) Acenaphthylene-d8 (S)

14.318min (-0.212) 1.07ng/ul

response 14674

Ion	Exp%	Act%
160.00	100	100
80.00	7.40	50.12#
158.00	13.90	2.82#
0.00	0.00	0.00

Quantitation Report (Qedit)

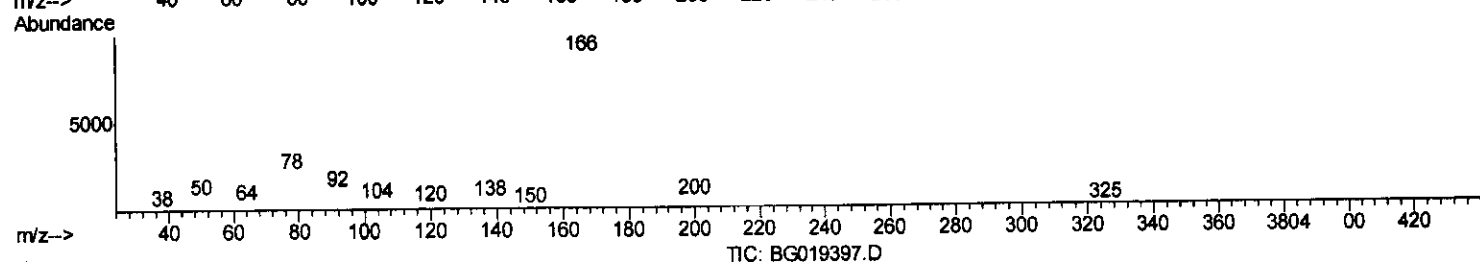
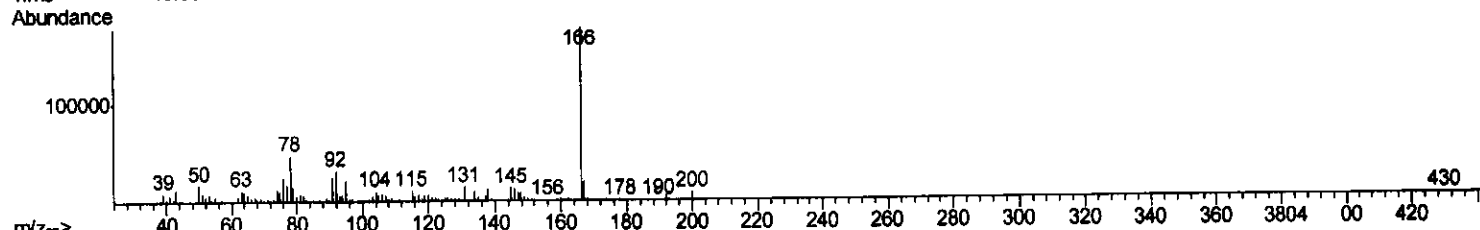
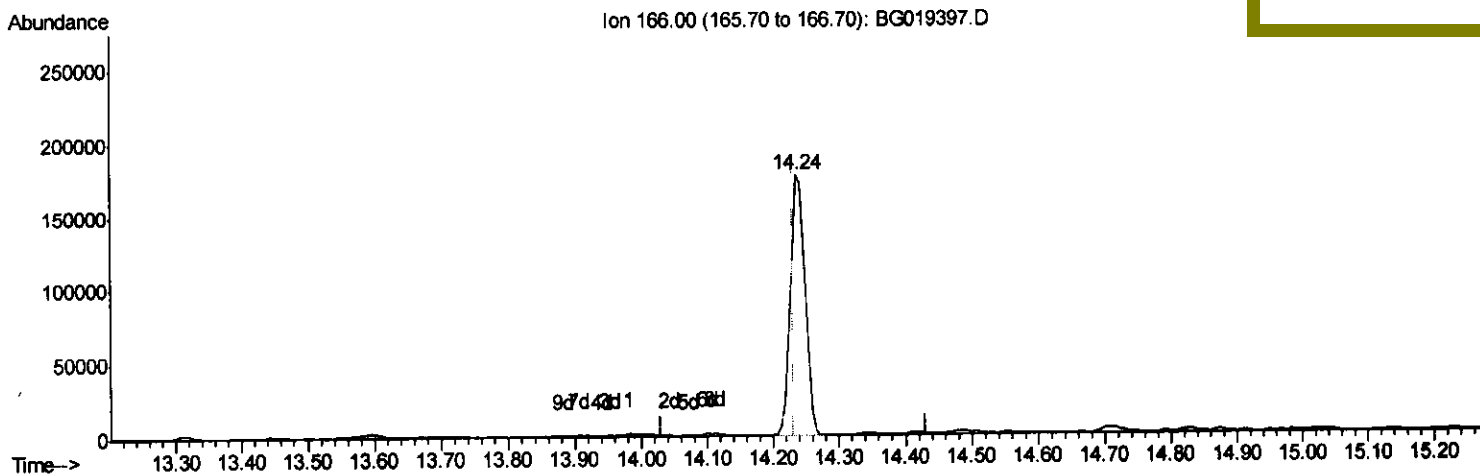
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019397.D
 Acq On : 29 Oct 2015 1:29
 Operator : UM/NP
 Sample : G4120-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT4

Quant Time: Oct 29 03:38:49 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 01:04:20 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:05 PM



(44) Dimethylphthalate-d6 (S)

14.236min (+0.005) 22.18ng/ul m

response 273341

Ion	Exp%	Act%
166.00	100	100
78.00	19.20	26.13#
0.00	0.00	0.00
0.00	0.00	0.00

U.M
 10/31/15

Quantitation Report (Qedit)

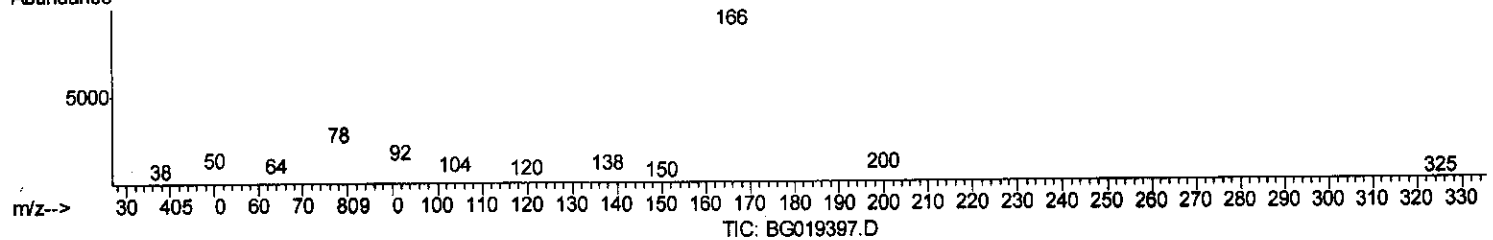
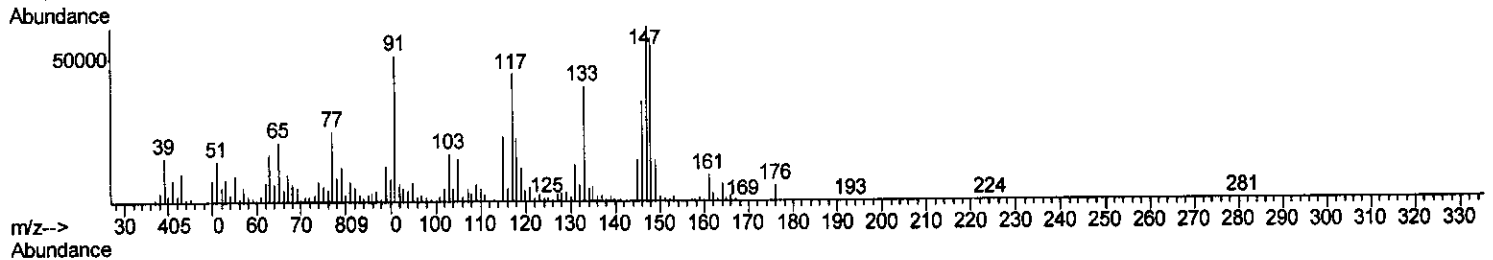
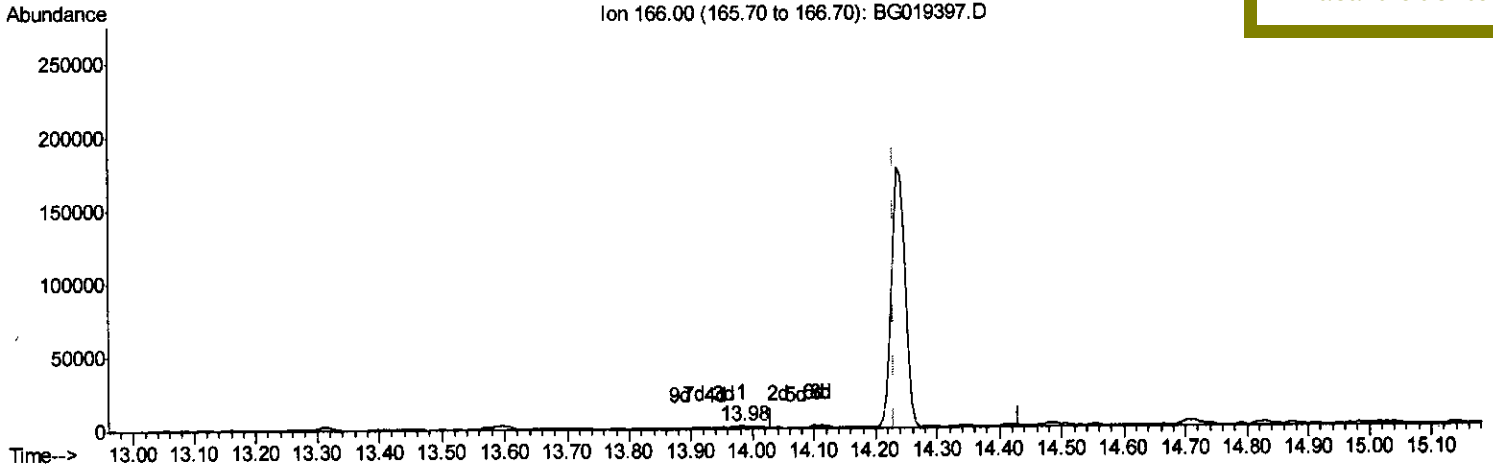
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019397.D
 Acq On : 29 Oct 2015 1:29
 Operator : UM/NP
 Sample : G4120-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT4

Quant Time: Oct 29 03:38:49 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 01:04:20 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:05 PM



(44) Dimethylphthalate-d6 (S)

13.983min (-0.248) 0.10ng/ul

response 1279

Ion	Exp%	Act%
166.00	100	100
78.00	19.20	389.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

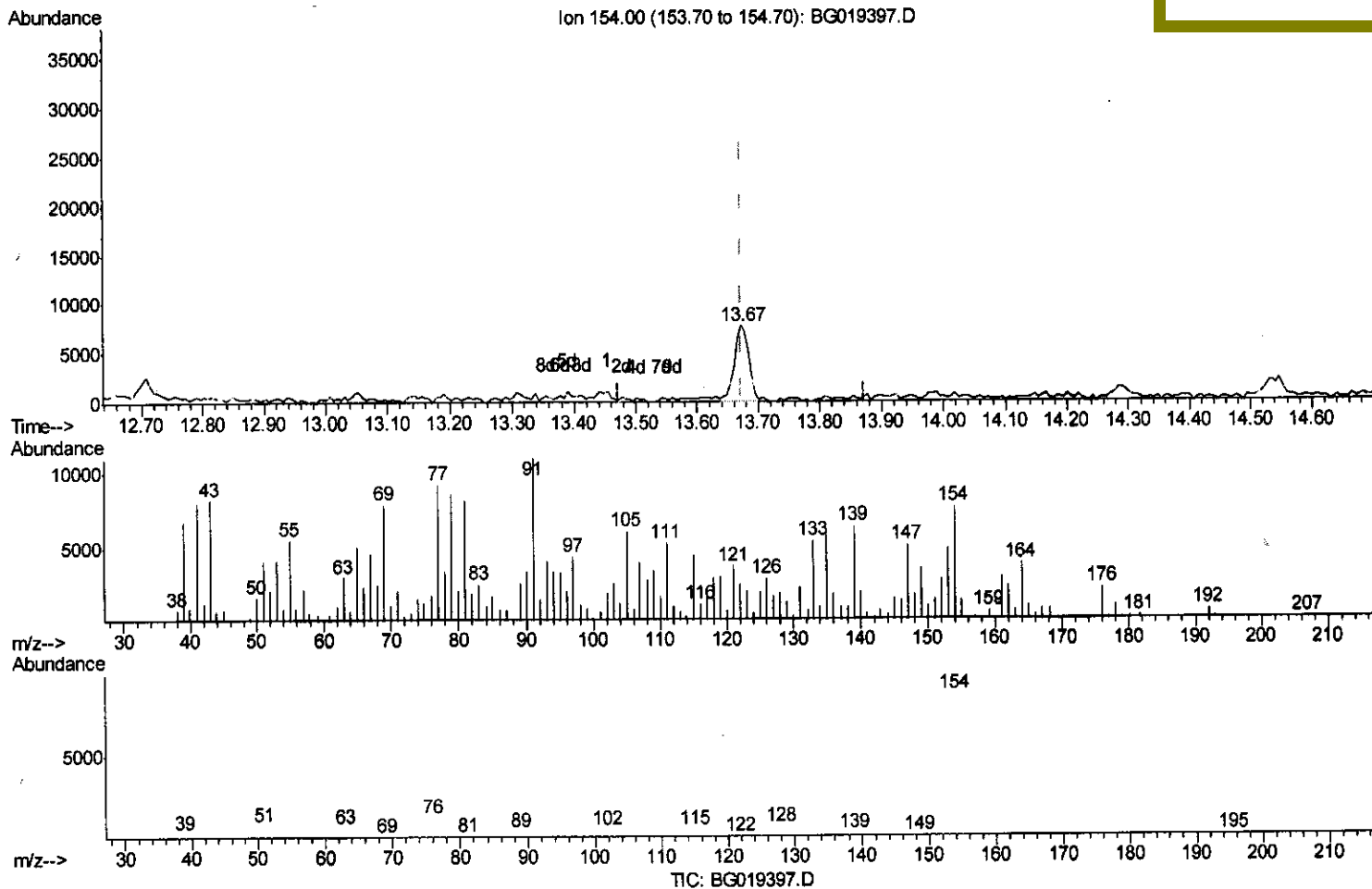
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019397.D
 Acq On : 29 Oct 2015 1:29
 Operator : UM/NP
 Sample : G4120-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT4

Quant Time: Oct 29 03:38:49 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 01:04:20 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:05 PM



(41) 1,1'-Biphenyl

13.672min (-0.001) 1.20ng/ul m

response 12653

Ion Exp% Act%

154.00 100 100

153.00 41.00 64.18#

76.00 9.60 23.84#

0.00 0.00 0.00

U.M
 10/31/15

Quantitation Report (Qedit)

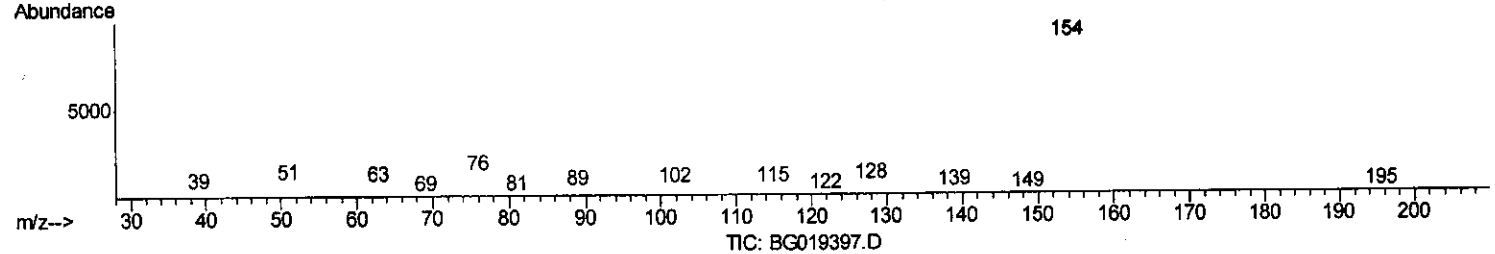
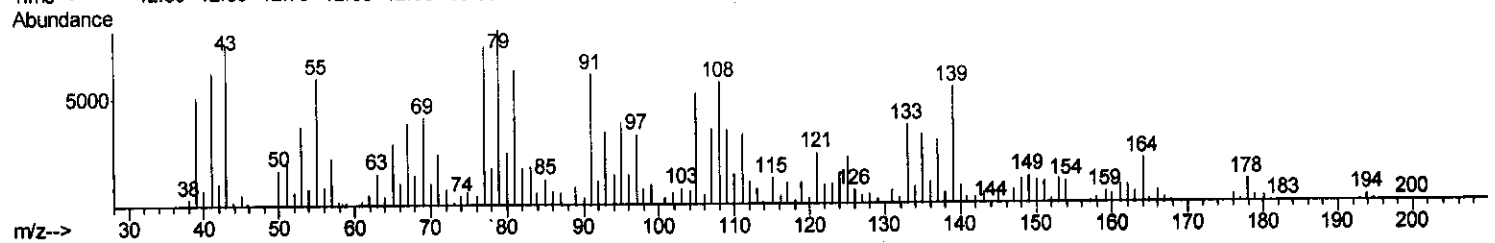
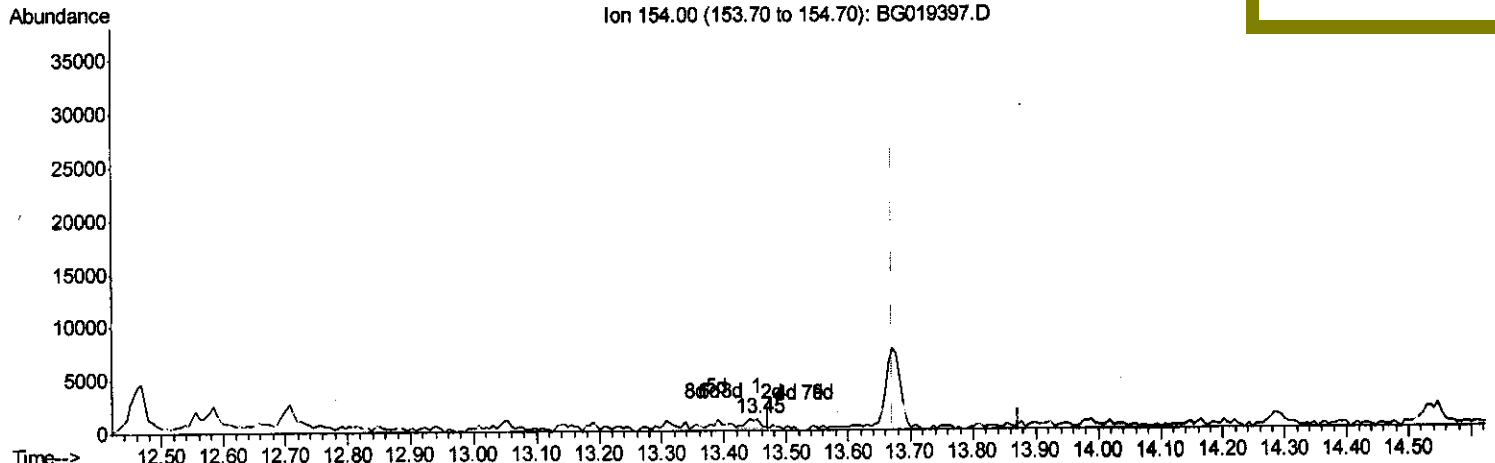
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019397.D
 Acq On : 29 Oct 2015 1:29
 Operator : UM/NP
 Sample : G4120-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT4

Quant Time: Oct 29 03:38:49 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 01:04:20 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:05 PM



(41) 1,1'-Biphenyl

13.454min (-0.218) 0.13ng/ul

response 1403

Ion	Exp%	Act%
154.00	100	100
153.00	41.00	105.80#
76.00	9.60	53.20#
0.00	0.00	0.00

Quantitation Report (Qedit)

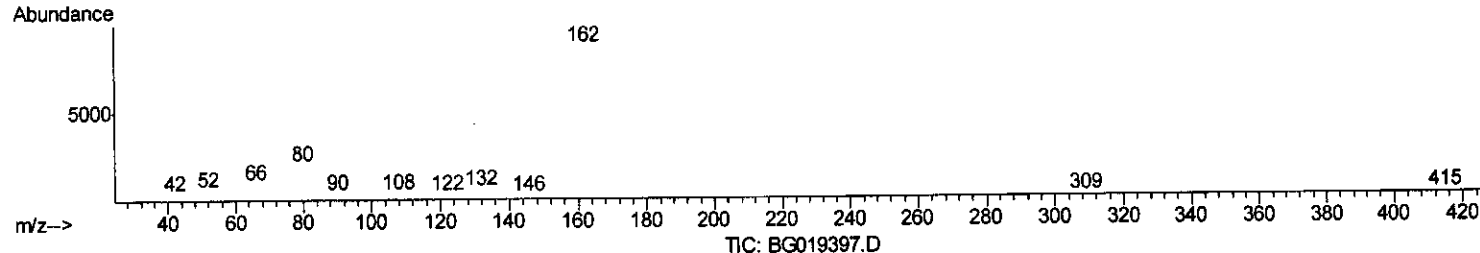
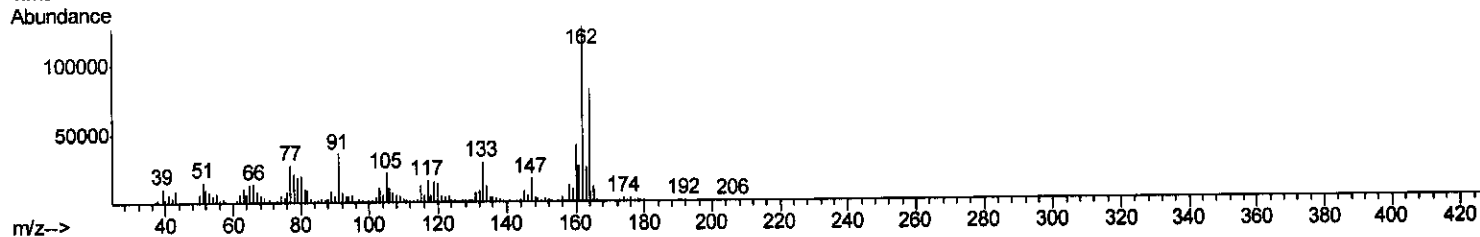
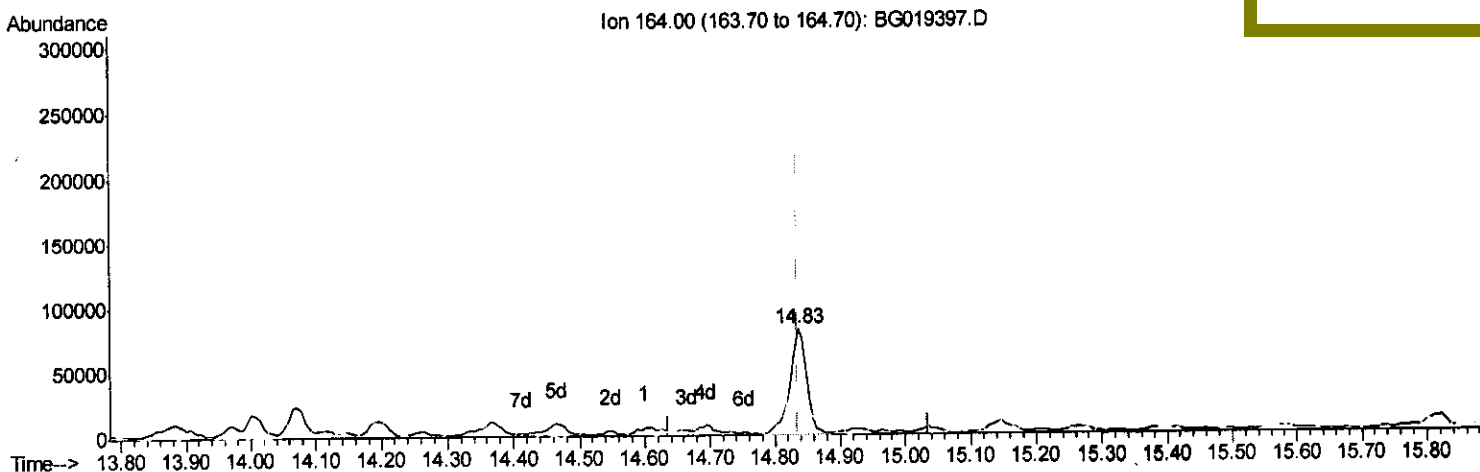
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019397.D
 Acq On : 29 Oct 2015 1:29
 Operator : UM/NP
 Sample : G4120-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT4

Quant Time: Oct 29 03:08:25 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 01:04:20 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:05 PM



(36) Acenaphthene-d10 (I)

14.835min (-0.001) 20.00ng/ul m

response 149588

U.M
 10/31/15

Ion	Exp%	Act%
164.00	100	100
162.00	96.80	155.07#
160.00	41.90	50.58#
0.00	0.00	0.00

Quantitation Report (Qedit)

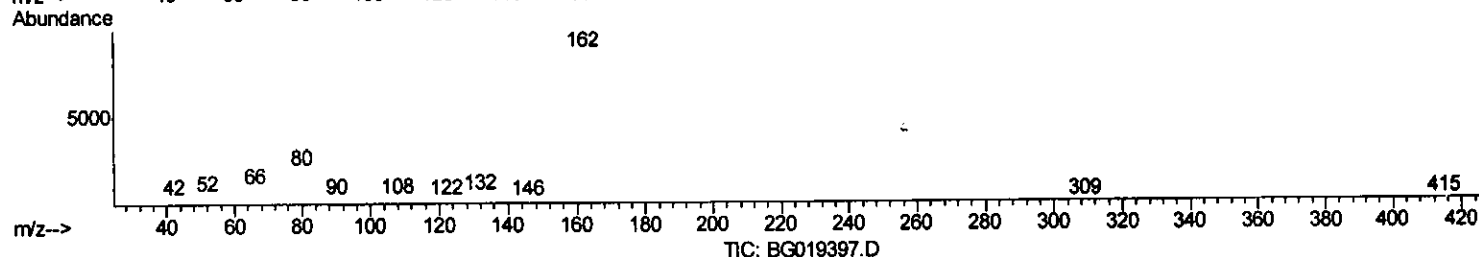
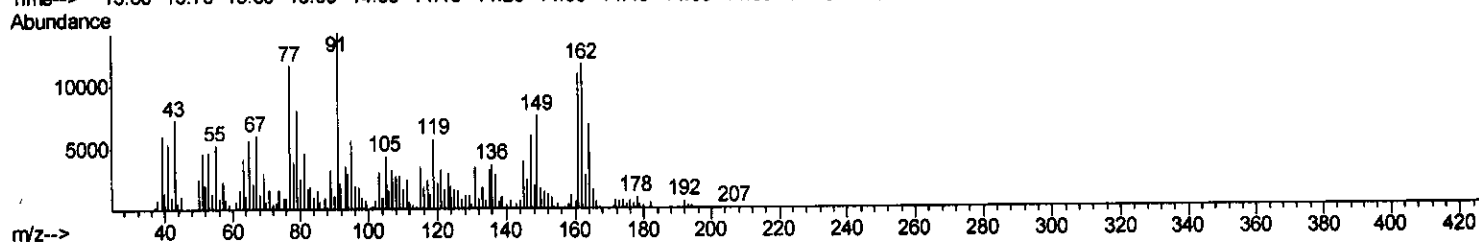
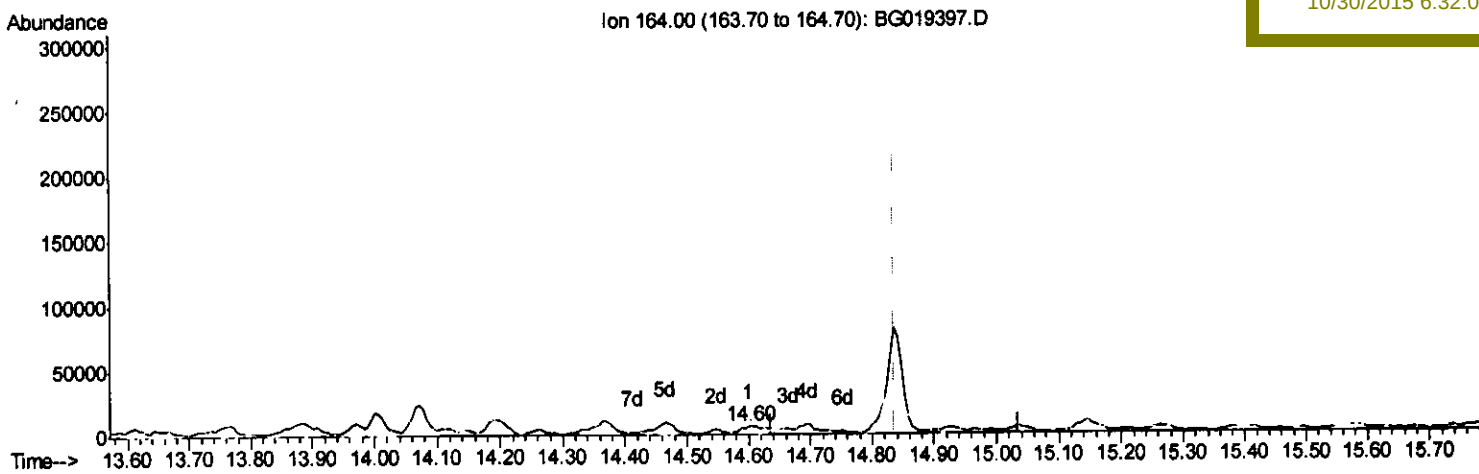
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019397.D
 Acq On : 29 Oct 2015 1:29
 Operator : UM/NP
 Sample : G4120-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT4

Quant Time: Oct 29 03:08:25 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 01:04:20 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:05 PM



(36) Acenaphthene-d10 (I)

14.600min (-0.236) 20.00ng/ul

response 13836

Ion	Exp%	Act%
164.00	100	100
162.00	96.80	169.99#
160.00	41.90	10.38#
0.00	0.00	0.00

Quantitation Report (Qedit)

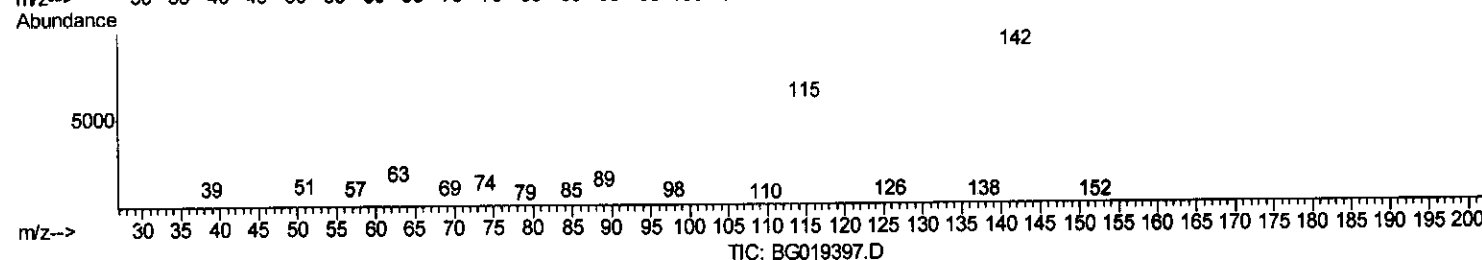
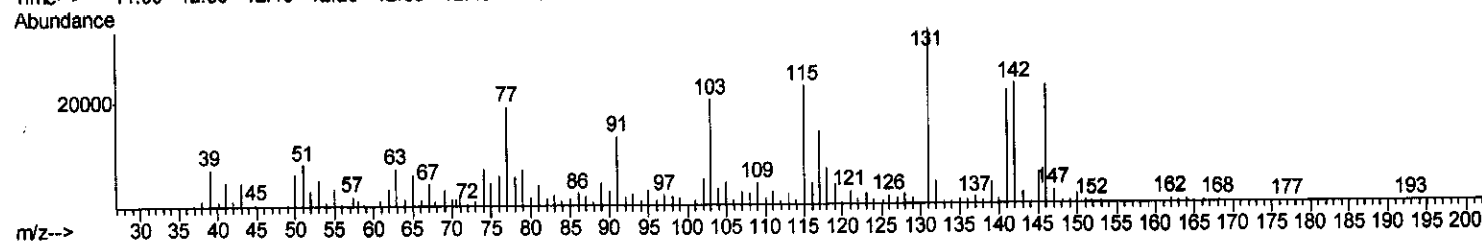
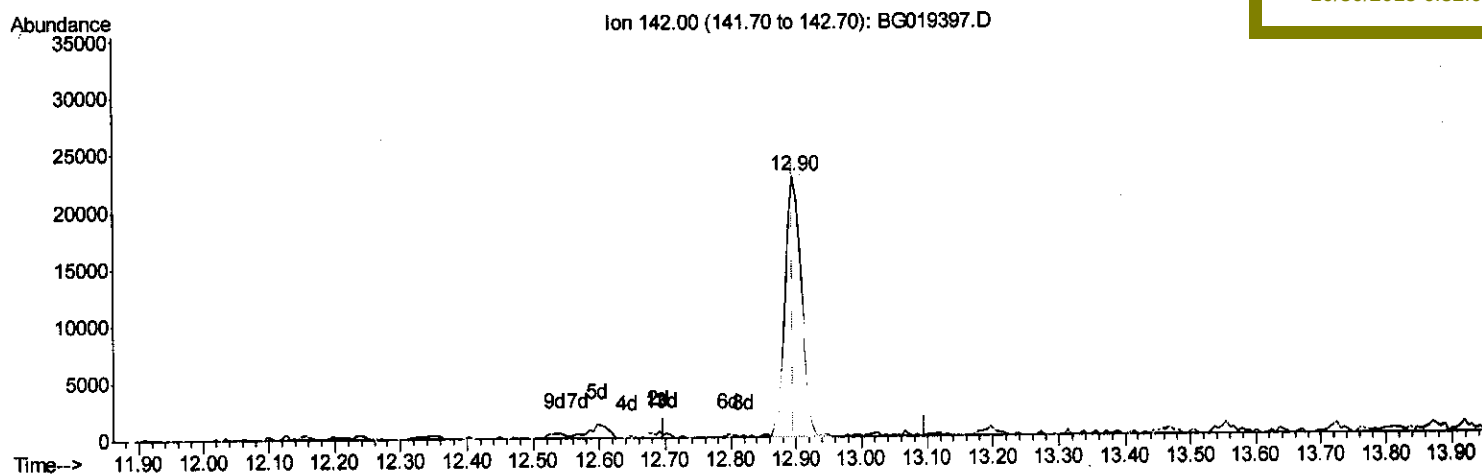
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019397.D
Acq On : 29 Oct 2015 1:29
Operator : UM/NP
Sample : G4120-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ESLT4

Quant Time: Oct 29 03:08:25 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 29 01:04:20 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

Mmdadoda
10/30/2015 6:32:05 PM



(35) 1-Methylnaphthalene

12.896min (-0.001) 6.42ng/ul m

response 39052

Ion	Exp%	Act%
142.00	100	100
141.00	95.60	94.37
116.00	6.70	19.06#
0.00	0.00	0.00

U.M
10/31/15

Quantitation Report (Qedit)

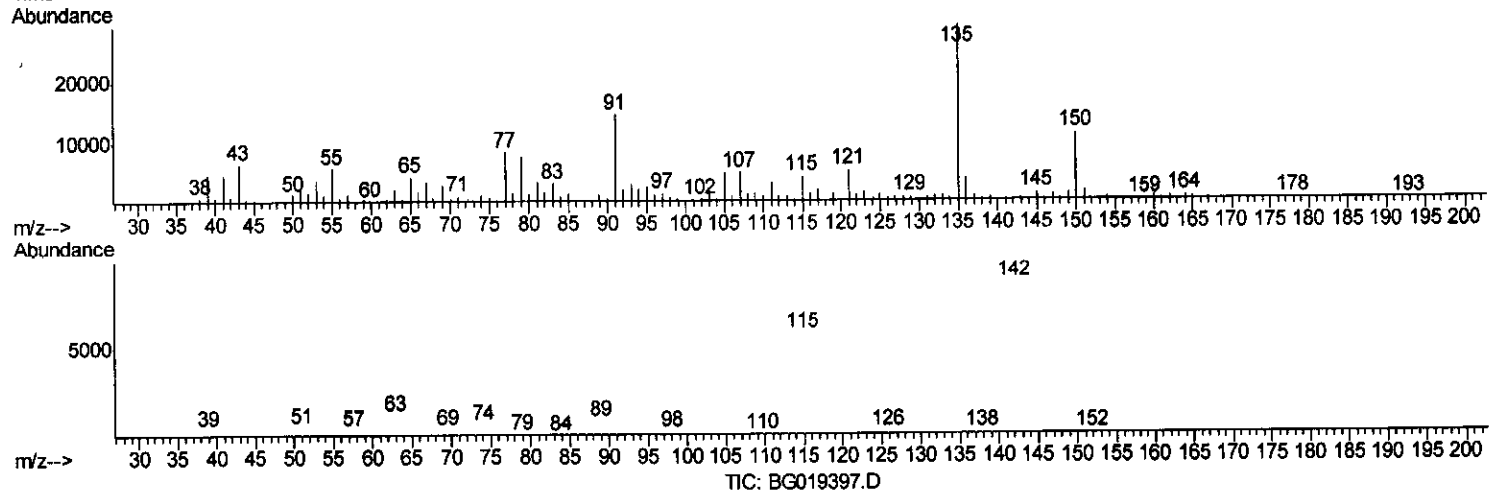
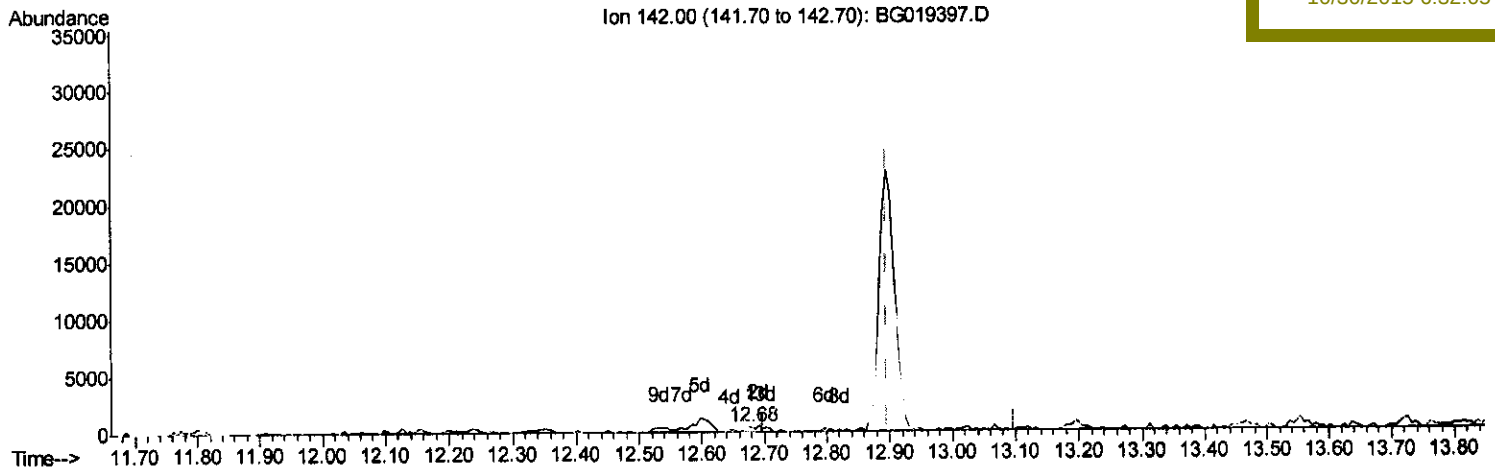
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019397.D
 Acq On : 29 Oct 2015 1:29
 Operator : UM/NP
 Sample : G4120-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT4

Quant Time: Oct 29 03:08:25 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 01:04:20 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:05 PM



(35) 1-Methylnaphthalene

12.679min (-0.218) 0.08ng/ul

response 474

Ion	Exp%	Act%
142.00	100	100
141.00	95.60	73.29#
116.00	6.70	301.32#
0.00	0.00	0.00

Quantitation Report (Qedit)

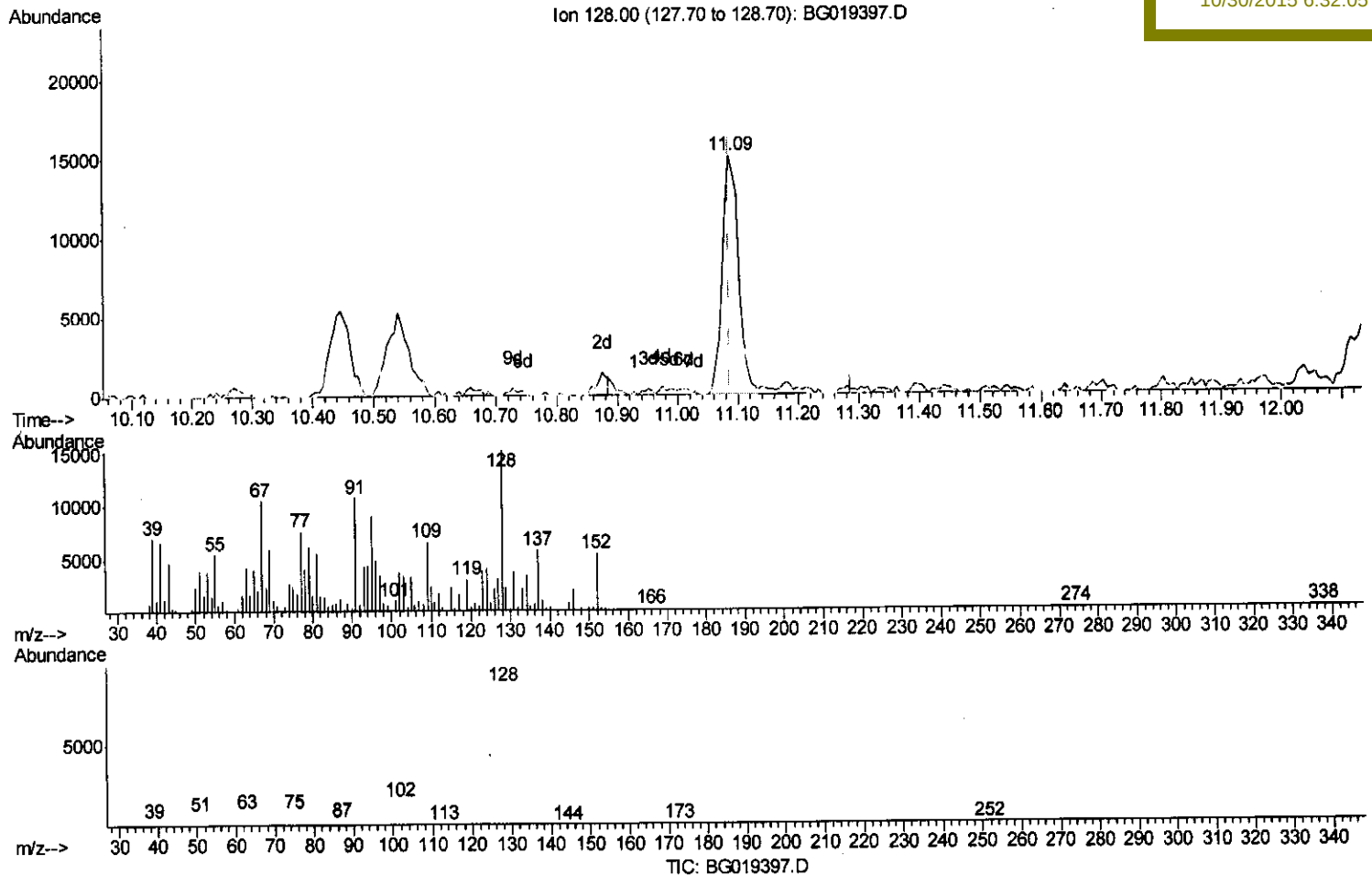
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019397.D
Acq On : 29 Oct 2015 1:29
Operator : UM/NP
Sample : G4120-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Oct 29 03:08:25 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 29 01:04:20 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
E5LT4

Manual Integrations
APPROVED

Mmdadoda
10/30/2015 6:32:05 PM



(28) Naphthalene

11.086min (-0.001) 3.52ng/ul m

response 28169

Ion	Exp%	Act%
128.00	100	100
129.00	11.10	15.20#
127.00	16.40	21.03#
0.00	0.00	0.00

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Quantitation Report (Qedit)

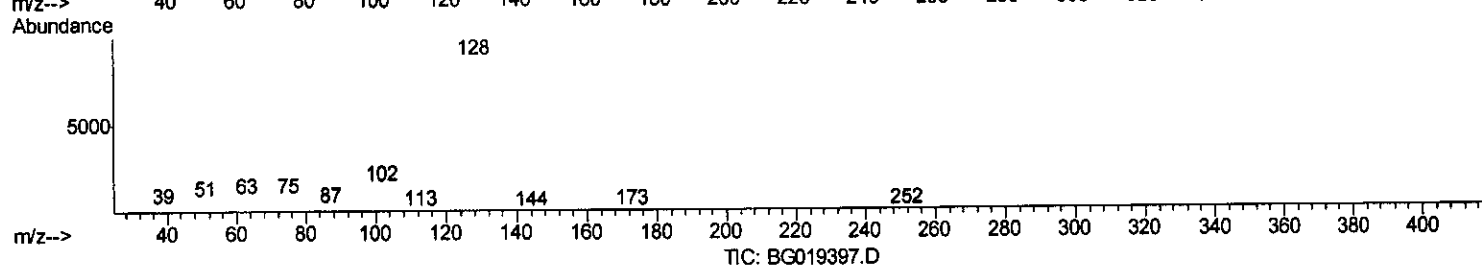
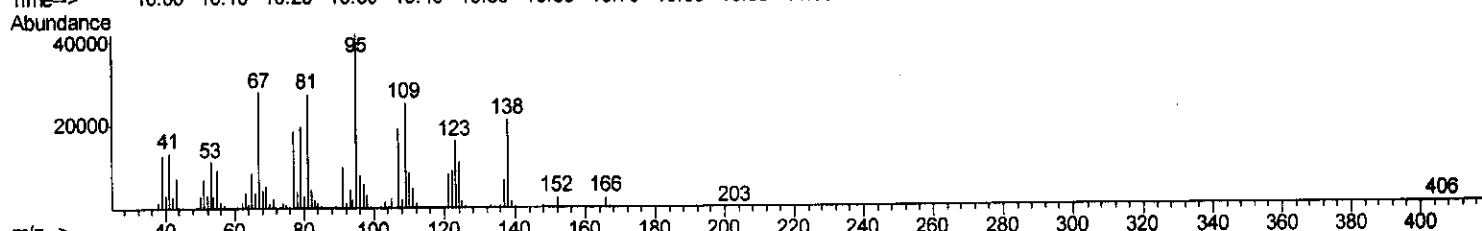
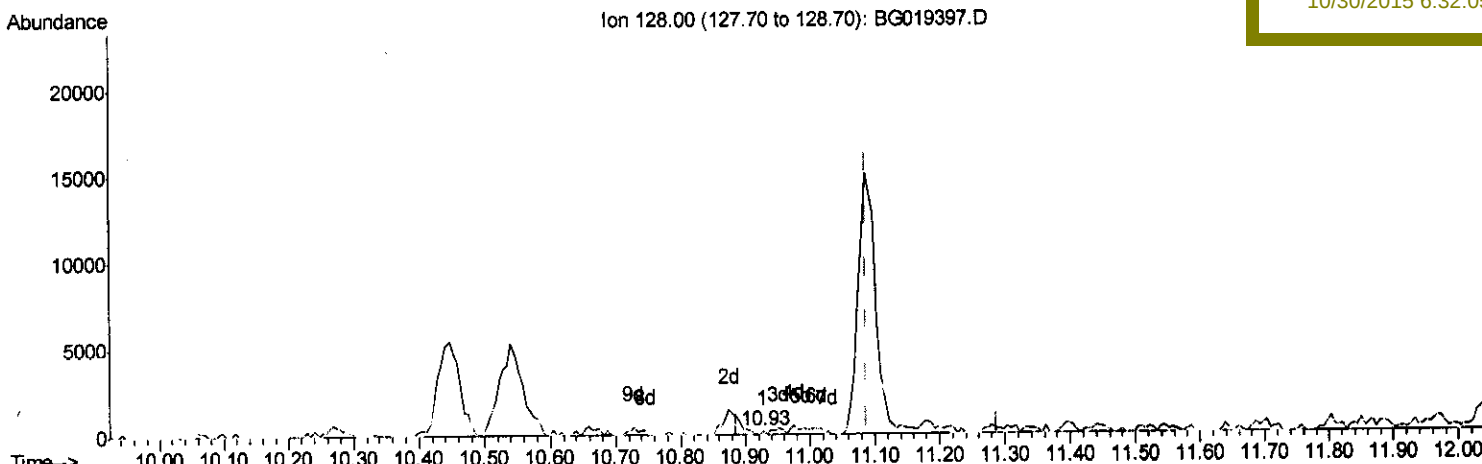
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019397.D
 Acq On : 29 Oct 2015 1:29
 Operator : UM/NP
 Sample : G4120-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA G
 ClientSampleId :
 E5LT4

Quant Time: Oct 29 03:08:25 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 01:04:20 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:05 PM



(28) Naphthalene

10.928min (-0.159) 0.01ng/ul

response 78

Ion	Exp%	Act%
128.00	100	100
129.00	11.10	0.00#
127.00	16.40	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

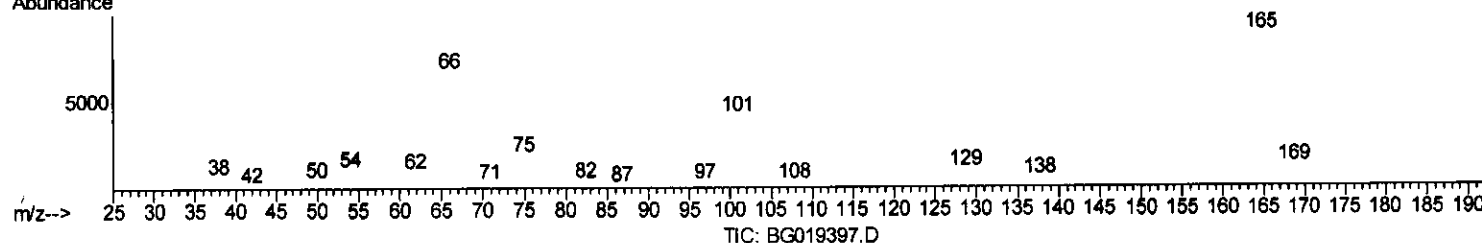
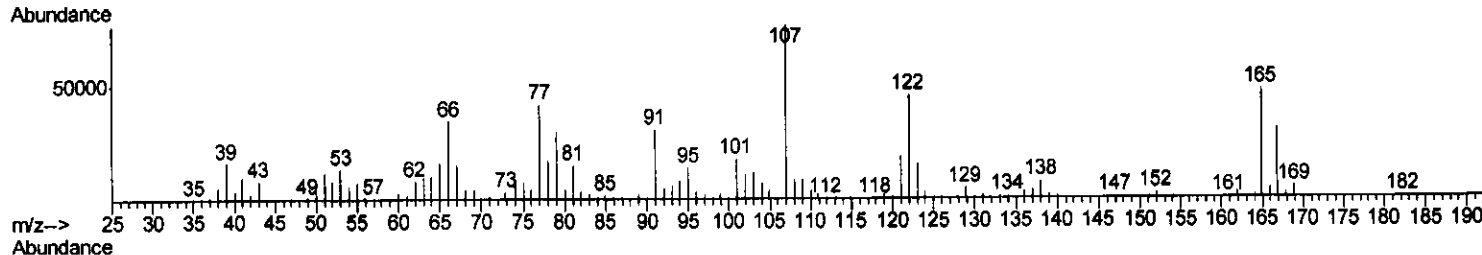
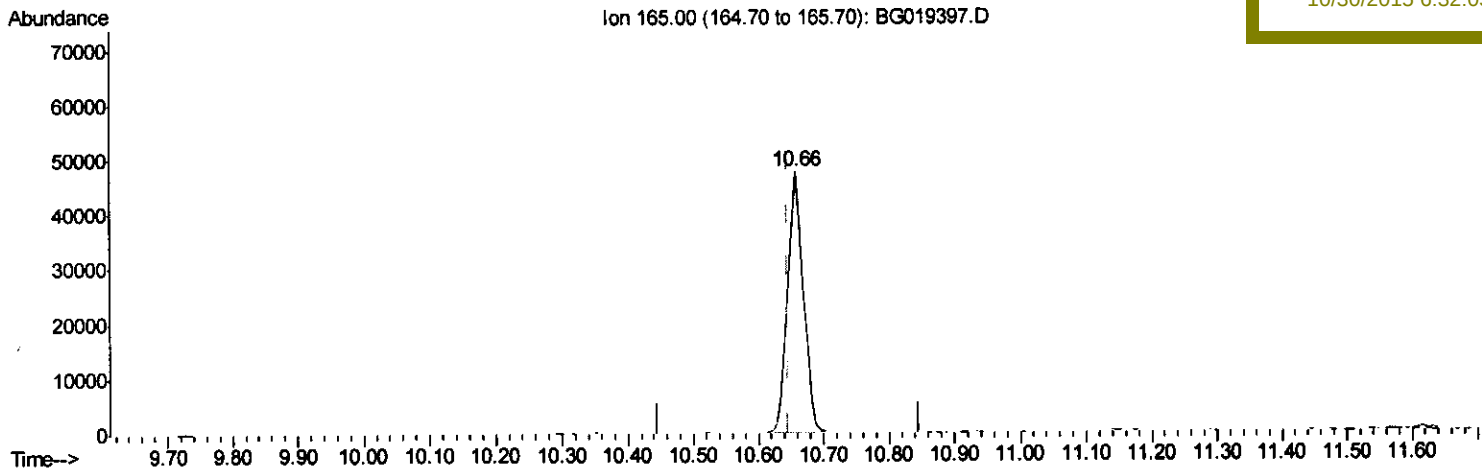
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019397.D
 Acq On : 29 Oct 2015 1:29
 Operator : UM/NP
 Sample : G4120-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT4

Quant Time: Oct 29 03:05:41 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 01:04:20 2015
 Response via : Initial Calibration

Manual Integrations
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(26) 2,4-Dichlorophenol-d3 (S)

10.657min (+0.011) 26.48ng/ul m

response 80151

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 10/31/15

Ion	Exp%	Act%
165.00	100	100
167.00	62.50	63.96
101.00	41.90	36.91
0.00	0.00	0.00

Quantitation Report (Qedit)

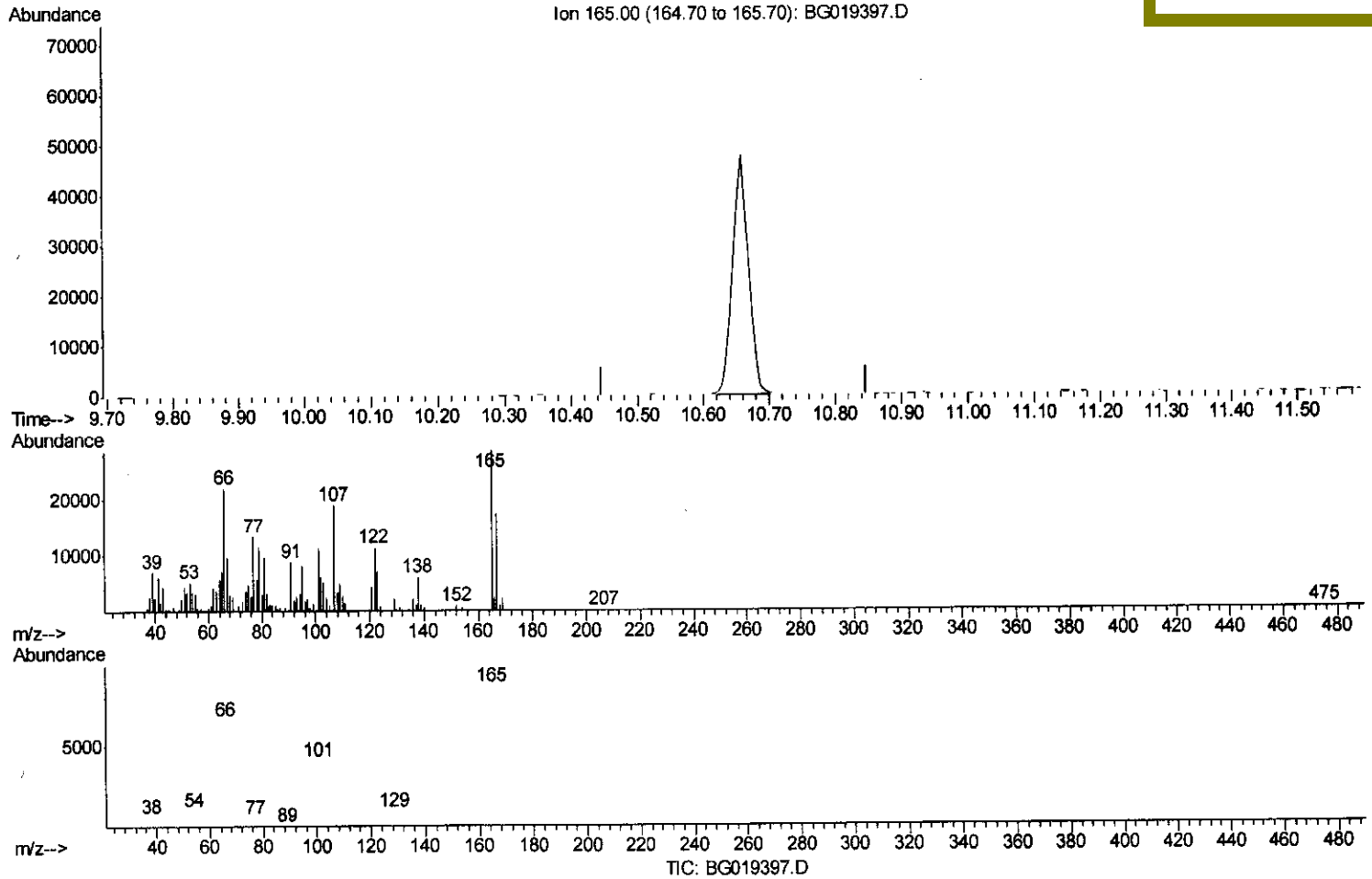
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019397.D
 Acq On : 29 Oct 2015 1:29
 Operator : UM/NP
 Sample : G4120-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT4

Quant Time: Oct 29 03:05:41 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 01:04:20 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:05 PM



(26) 2,4-Dichlorophenol-d3 (S)

10.646min (-10.646) 0.00ng/ul

response 0

Ion	Exp%	Act%
165.00	100	0.00
167.00	62.50	0.00#
101.00	41.90	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

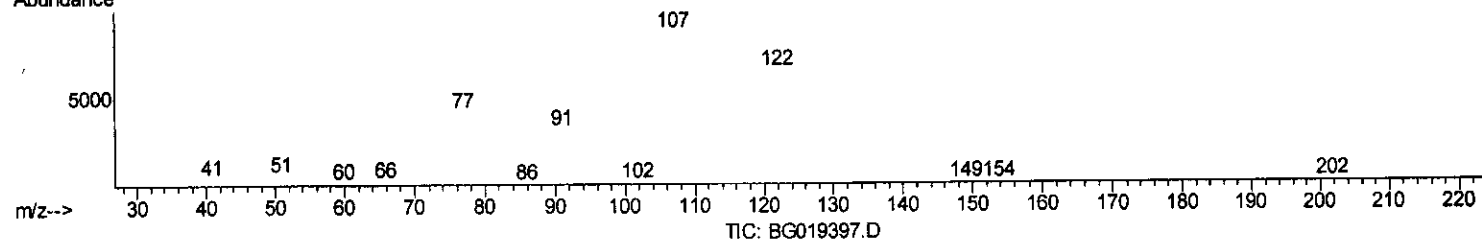
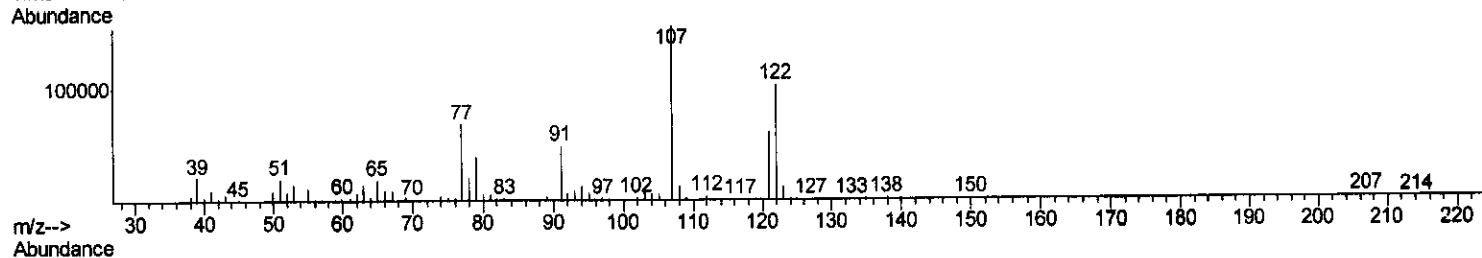
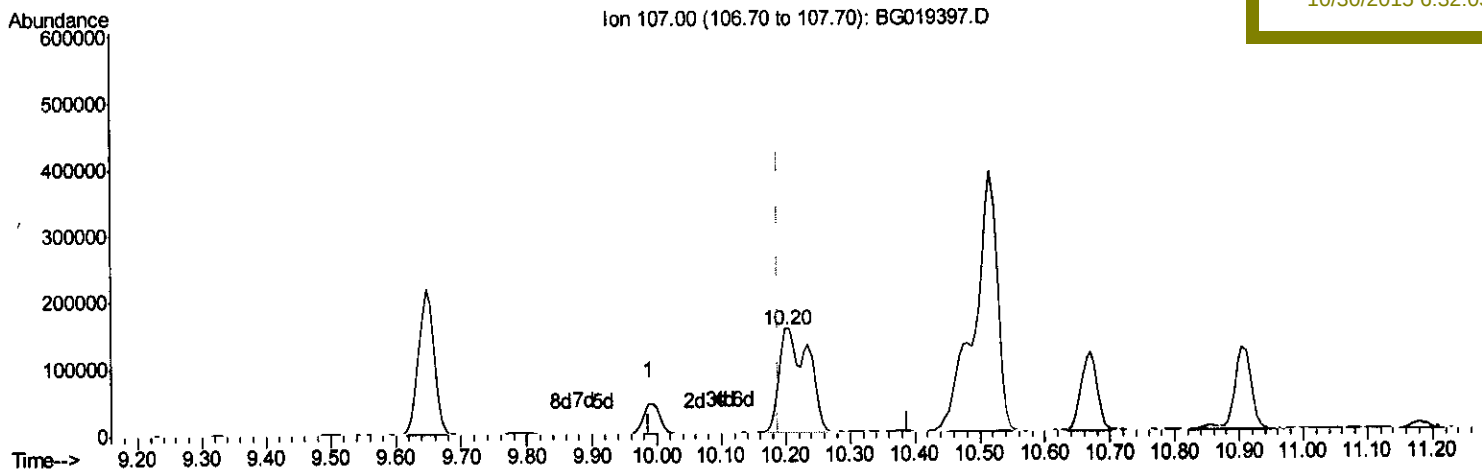
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019397.D
 Acq On : 29 Oct 2015 1:29
 Operator : UM/NP
 Sample : G4120-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT4

Quant Time: Oct 29 03:05:41 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 01:04:20 2015
 Response via : Initial Calibration

Manual Integrations
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(24) 2,4-Dimethylphenol

10.199min (+0.011) 116.66ng/ul m

response 482810

Ion	Exp%	Act%
107.00	100	100
121.00	41.20	38.93
122.00	67.70	66.06
0.00	0.00	0.00

U.M
 10/31/15

Quantitation Report (Qedit)

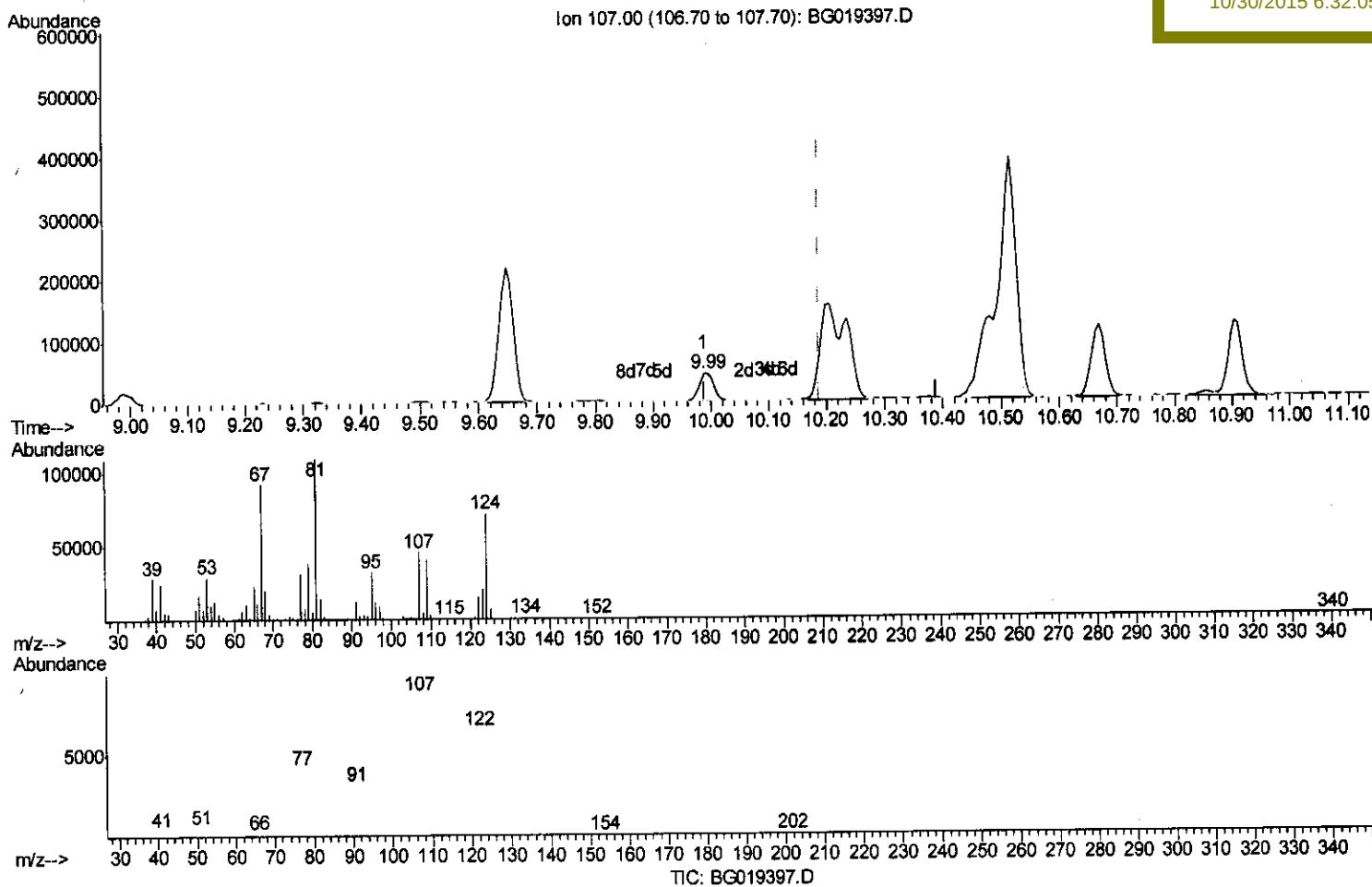
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019397.D
Acq On : 29 Oct 2015 1:29
Operator : UM/NP
Sample : G4120-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LT4

Quant Time: Oct 29 03:05:41 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 29 01:04:20 2015
Response via : Initial Calibration

Manual Integrations
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Mmdadoda
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(24) 2,4-Dimethylphenol

9.988min (-0.200) 19.37ng/ul

response 80170

Ion	Exp%	Act%
107.00	100	100
121.00	41.20	3.44#
122.00	67.70	32.65#
0.00	0.00	0.00

Quantitation Report (Qedit)

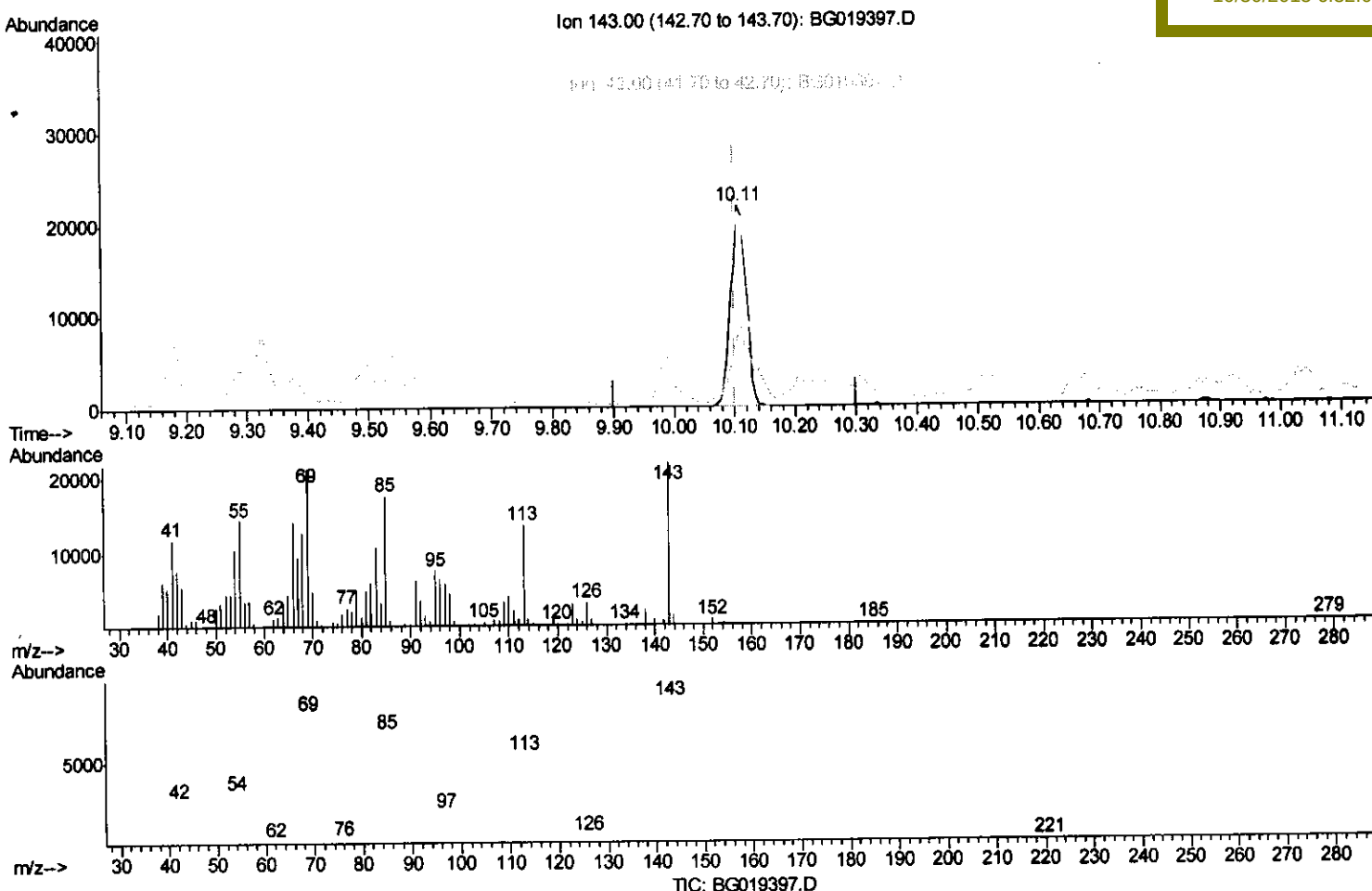
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019397.D
 Acq On : 29 Oct 2015 1:29
 Operator : UM/NP
 Sample : G4120-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT4

Quant Time: Oct 29 03:05:41 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 01:04:20 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
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(22) 2-Nitrophenol-d4 (S)

10.105min (+0.005) 27.49ng/ul m

response 38347

Ion Exp% Act%

143.00 100 100

69.00 78.10 97.62#

41.00 23.40 54.04#

42.00 15.40 34.65#

U.M
 10/31/15

Quantitation Report (Qedit)

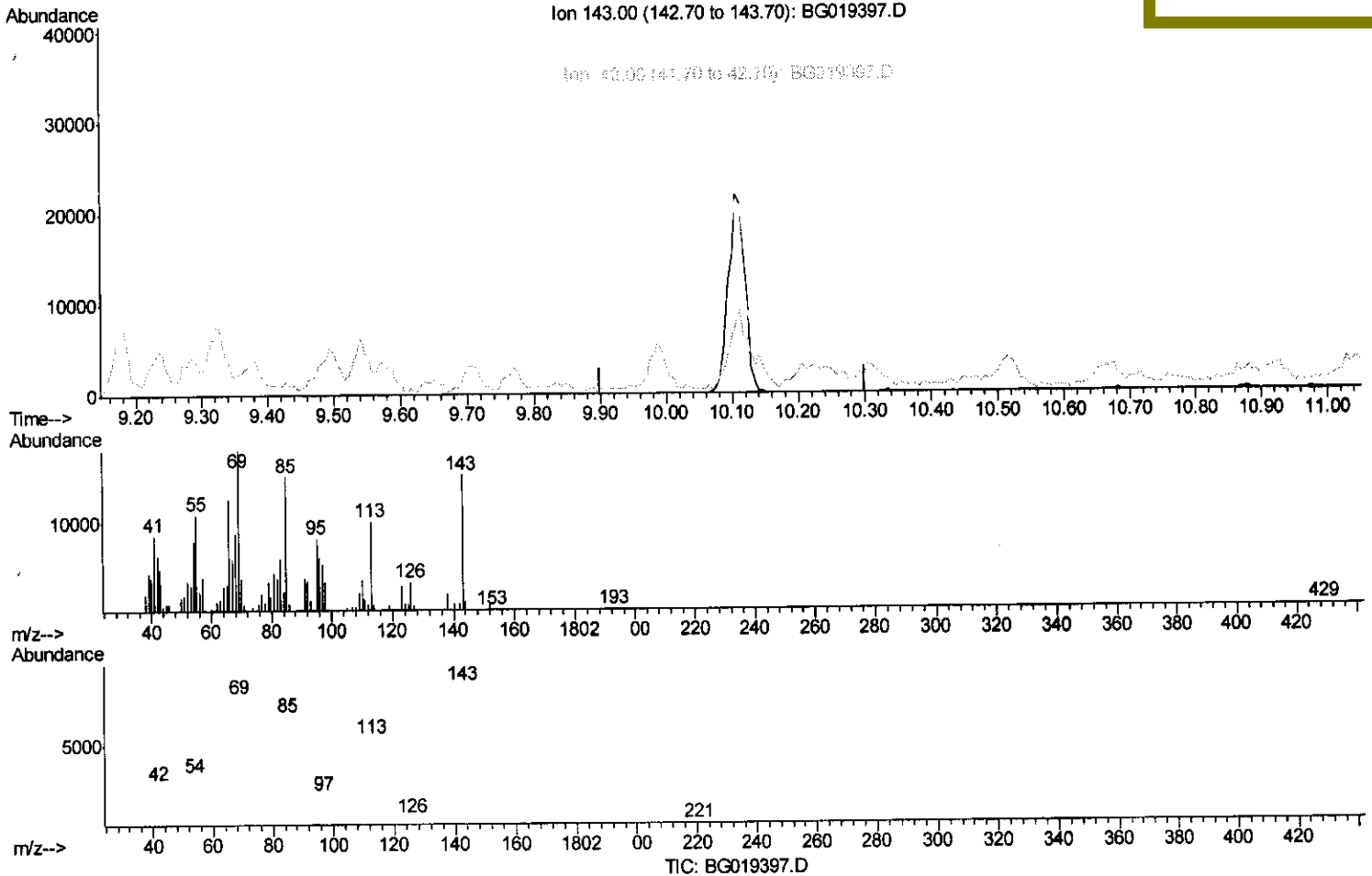
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019397.D
 Acq On : 29 Oct 2015 1:29
 Operator : UM/NP
 Sample : G4120-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT4

Quant Time: Oct 29 03:05:41 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 01:04:20 2015
 Response via : Initial Calibration

Manual Integrations
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Mmdadoda
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(22) 2-Nitrophenol-d4 (S)

10.100min (-10.100) 0.00ng/ul

response 0

Ion	Exp%	Act%
143.00	100	0.00
69.00	78.10	0.00#
41.00	23.40	0.00#
42.00	15.40	0.00#

Quantitation Report (Qedit)

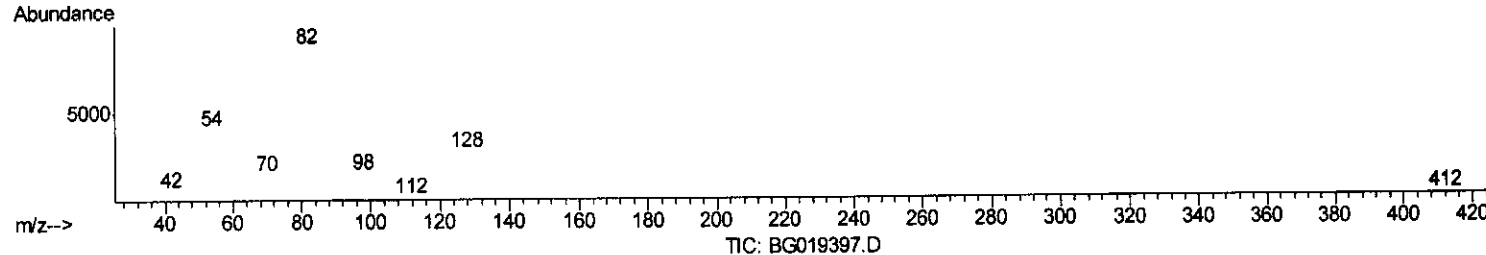
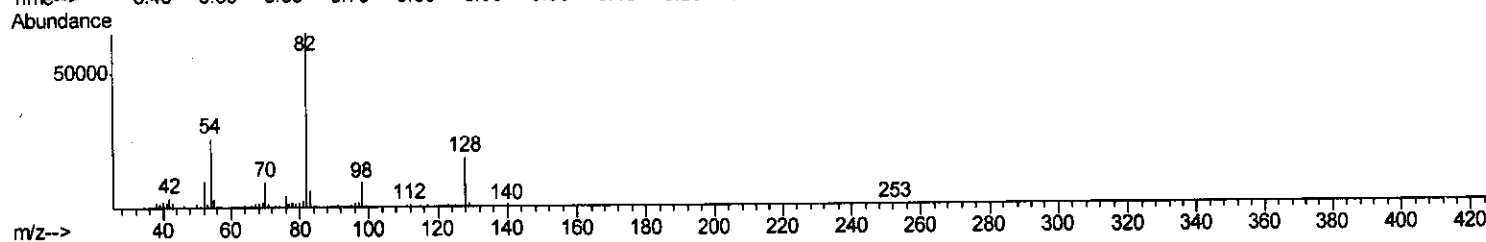
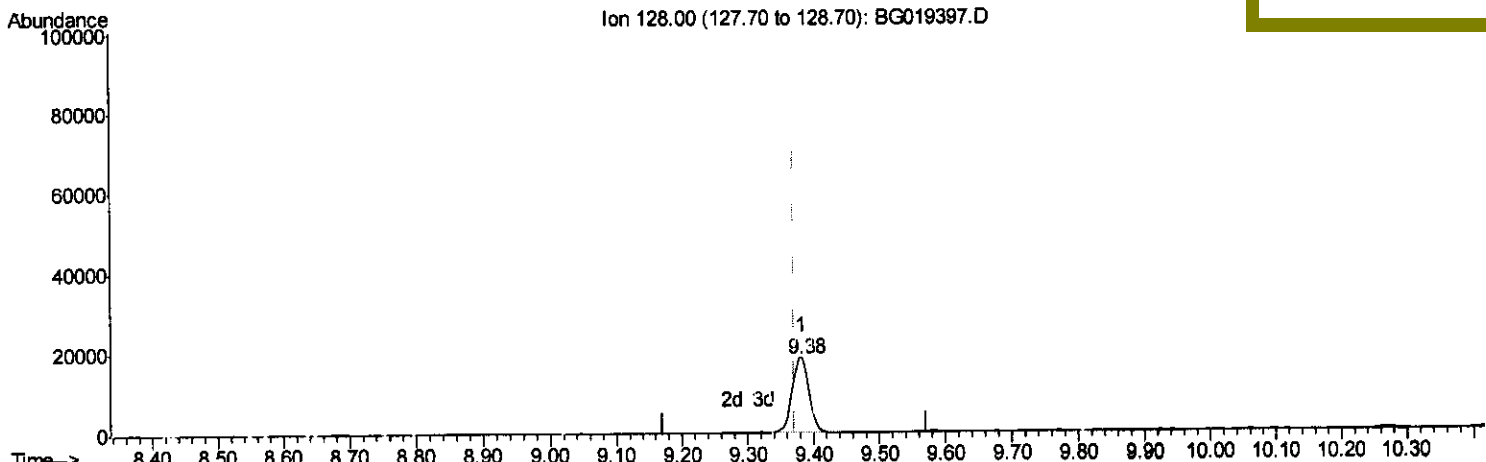
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019397.D
 Acq On : 29 Oct 2015 1:29
 Operator : UM/NP
 Sample : G4120-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT4

Quant Time: Oct 29 03:05:41 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 01:04:20 2015
 Response via : Initial Calibration

Manual Integrations
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(19) Nitrobenzene-d5 (S)

9.382min (+0.011) 28.86ng/ul m

response 33911

U.M
10/31/15

Ion	Exp%	Act%
128.00	100	100
82.00	333.00	350.11
54.00	138.70	139.83
0.00	0.00	0.00

Quantitation Report (Qedit)

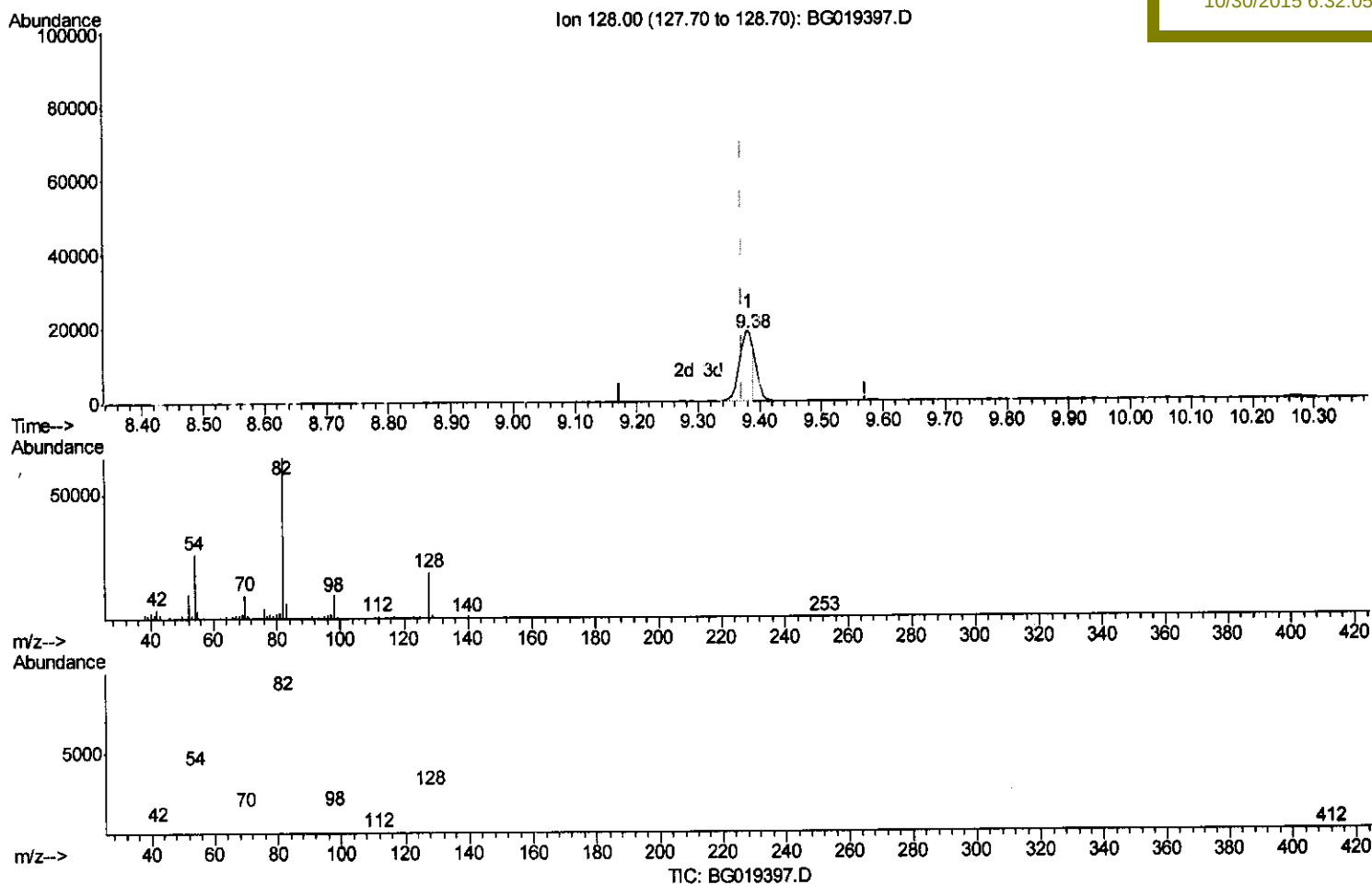
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019397.D
Acq On : 29 Oct 2015 1:29
Operator : UM/NP
Sample : G4120-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LT4

Quant Time: Oct 29 03:05:41 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 29 01:04:20 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

Mmdadoda
10/30/2015 6:32:05 PM



(19) Nitrobenzene-d5 (S)

9.382min (+0.011) 24.22ng/ul

response 28465

Ion	Exp%	Act%
128.00	100	100
82.00	333.00	350.11
54.00	138.70	139.83
0.00	0.00	0.00

Quantitation Report (Qedit)

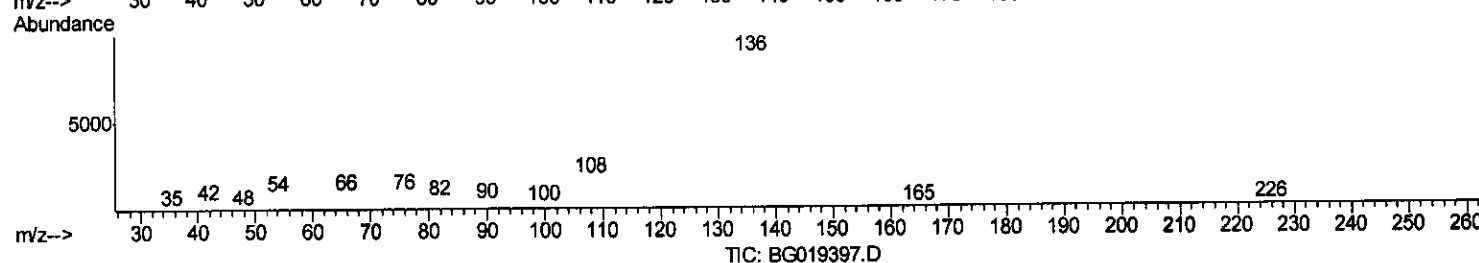
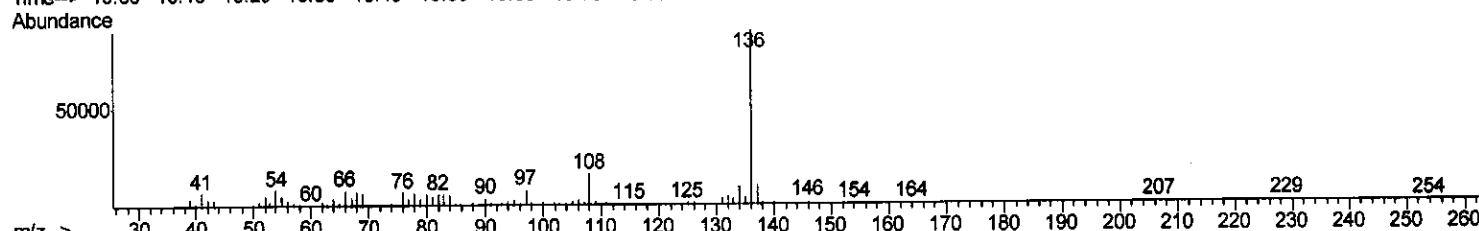
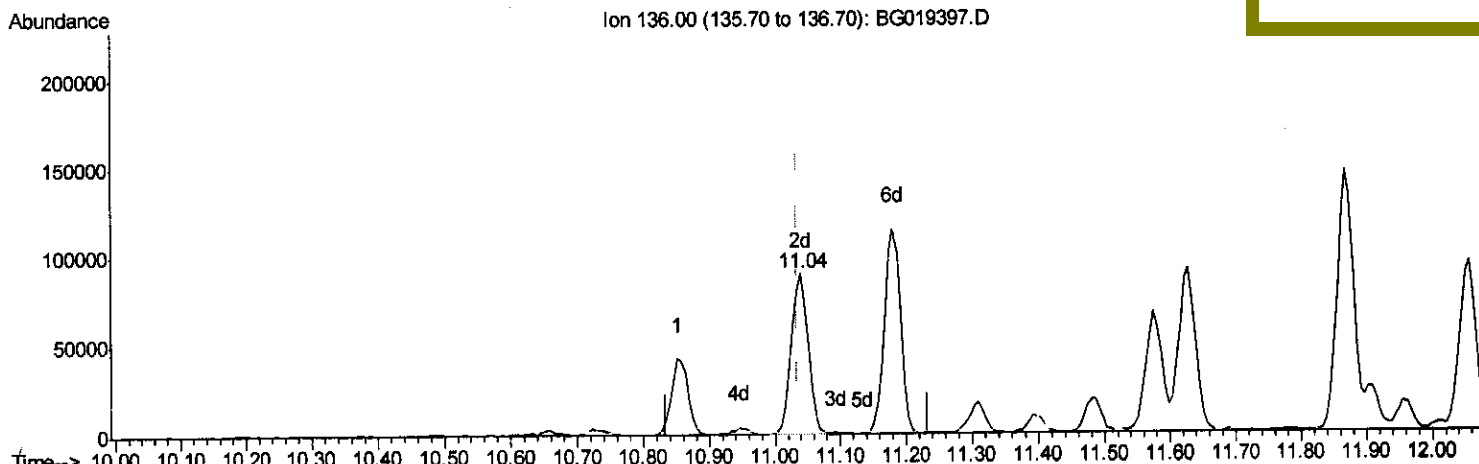
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019397.D
 Acq On : 29 Oct 2015 1:29
 Operator : UM/NP
 Sample : G4120-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 E5LT4

Quant Time: Oct 29 03:04:32 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 01:04:20 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:05 PM



(18) Naphthalene-d8 (I)

11.039min (+0.005) 20.00ng/ul m

response 159901

Ion	Exp%	Act%
136.00	100	100
68.00	5.00	7.60#
0.00	0.00	0.00
0.00	0.00	0.00

U.M
 10/31/15

Quantitation Report (Qedit)

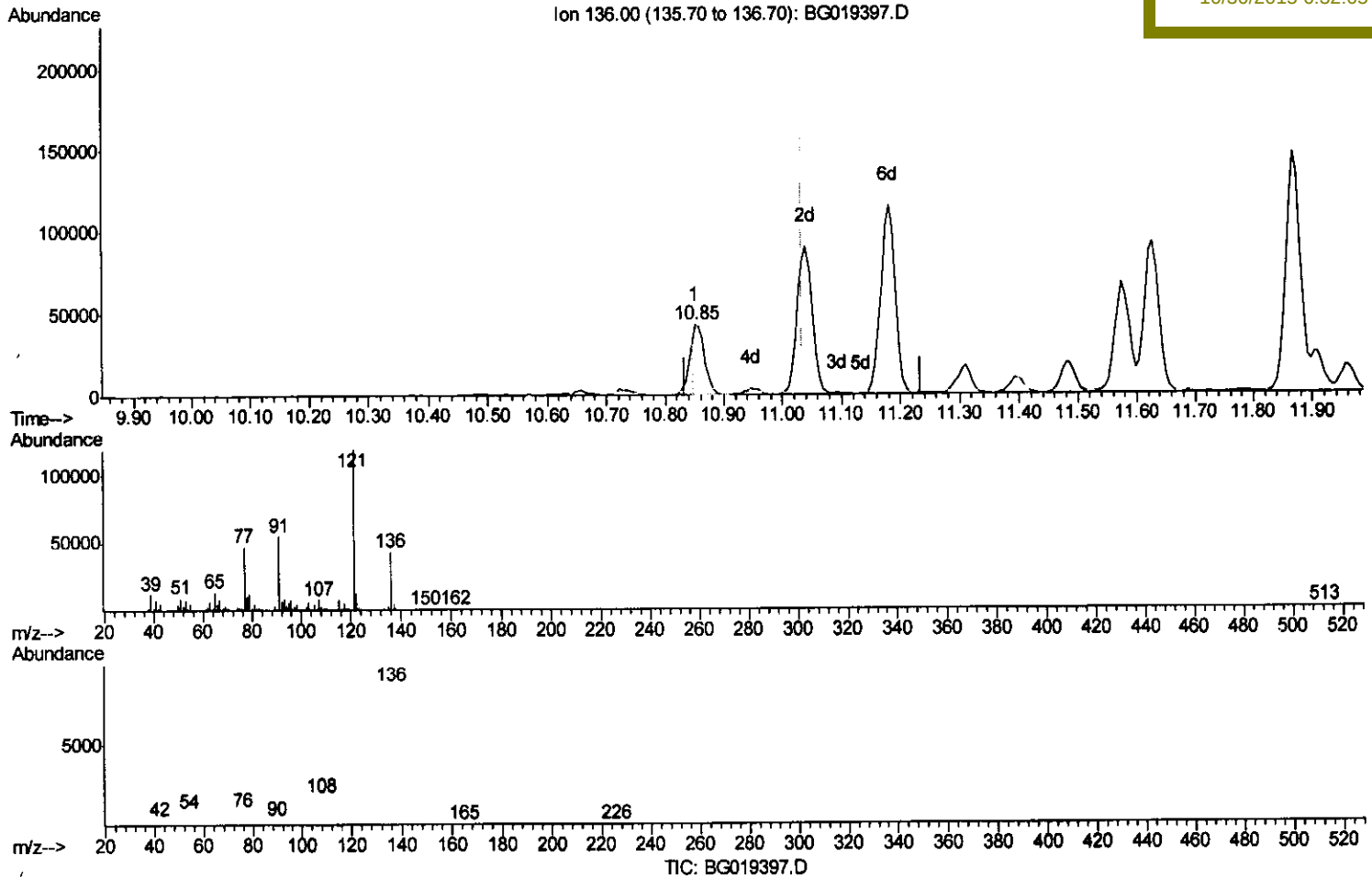
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019397.D
 Acq On : 29 Oct 2015 1:29
 Operator : UM/NP
 Sample : G4120-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT4

Quant Time: Oct 29 03:04:32 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 01:04:20 2015
 Response via : Initial Calibration

Manual Integrations
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Mmdadoda
 10/30/2015 6:32:05 PM



(18) Naphthalene-d8 (I)

10.851min (-0.183) 20.00ng/ui

response 53994

Ion	Exp%	Act%
136.00	100	100
68.00	5.00	4.24
0.00	0.00	0.00
0.00	0.00	0.00