

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011516\
Data File : BG020745.D
Acq On : 15 Jan 2016 10:09
Operator : SJ/IZ
Sample : H1101-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jan 15 22:36:58 2016

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M

Quant Title : SVOA CALIBRATION

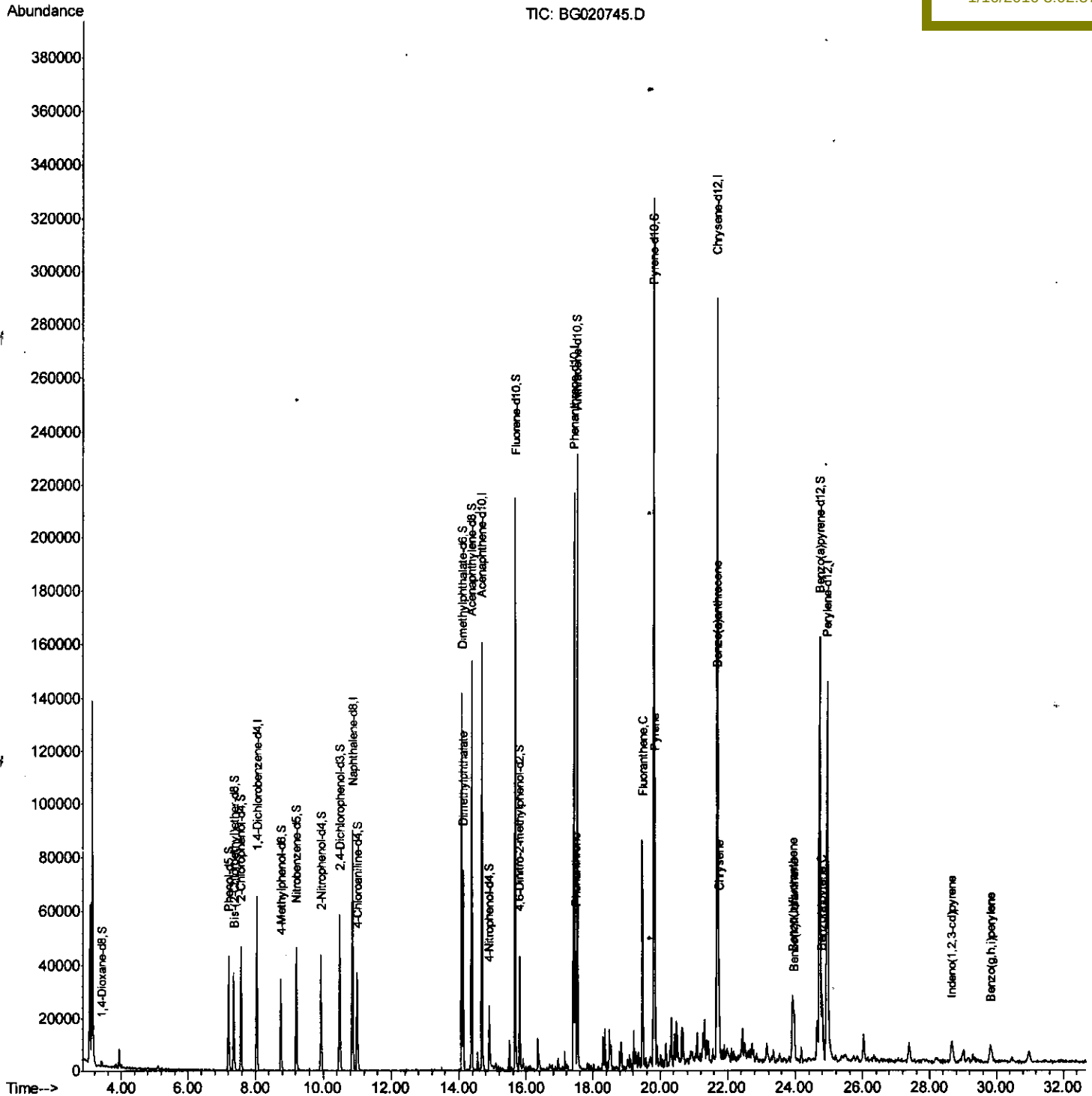
QLast Update : Fri Jan 15 22:12:27 2016

Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BC9A9

Manual Integrations
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Sohil
1/16/2016 3:02:37 AM



Quantitation Report (Qedit)

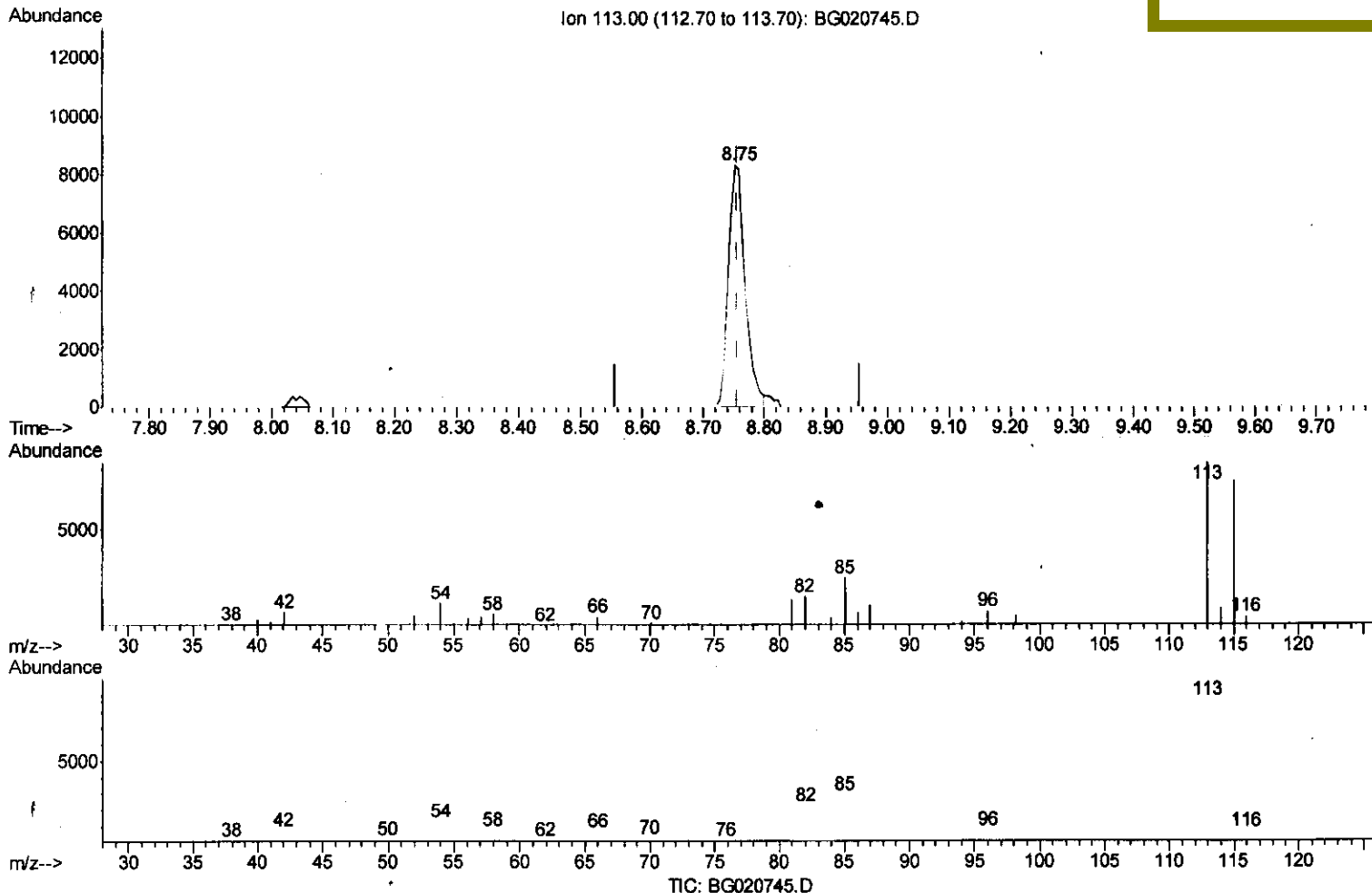
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011516\
 Data File : BG020745.D
 Acq On : 15 Jan 2016 10:09
 Operator : SJ/IZ
 Sample : H1101-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC9A9

Quant Time: Jan 15 22:15:53 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 15 22:12:27 2016
 Response via : Initial Calibration

Manual Integrations
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(13) 4-Methylphenol-d8 (S)

8.752min (-0.005) 11.08ng/ul

response 15477

Ion	Exp%	Act%
113.00	100	100
115.00	89.70	88.78
54.00	13.30	15.27
0.00	0.00	0.00

Quantitation Report (Qedit)

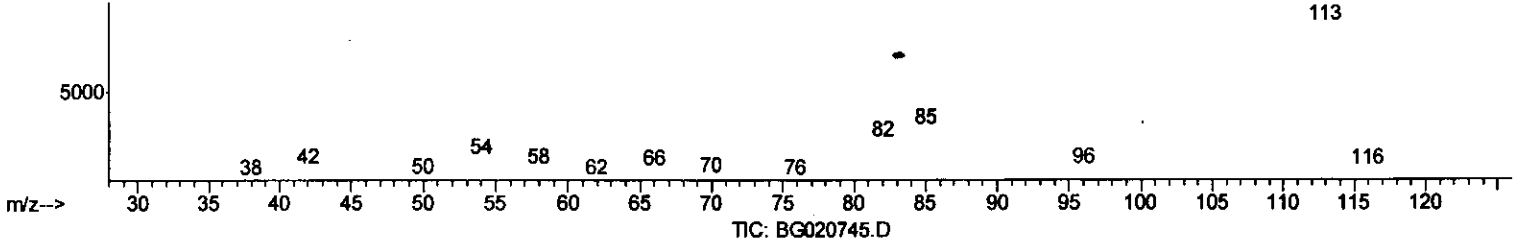
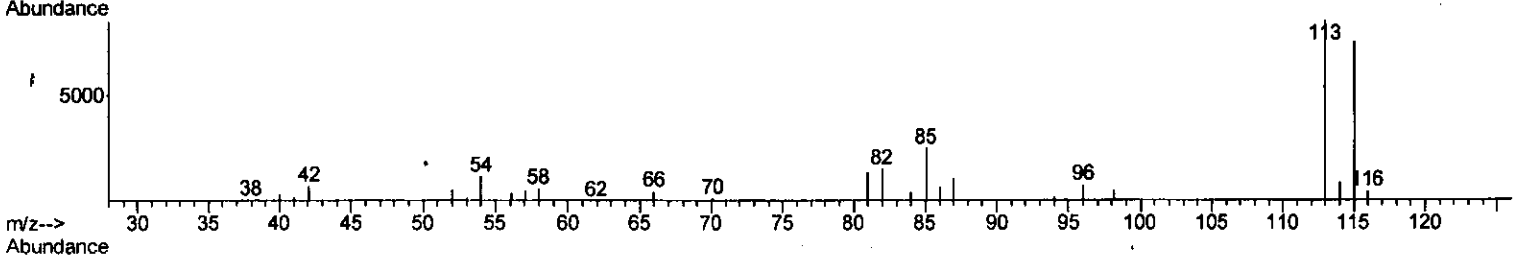
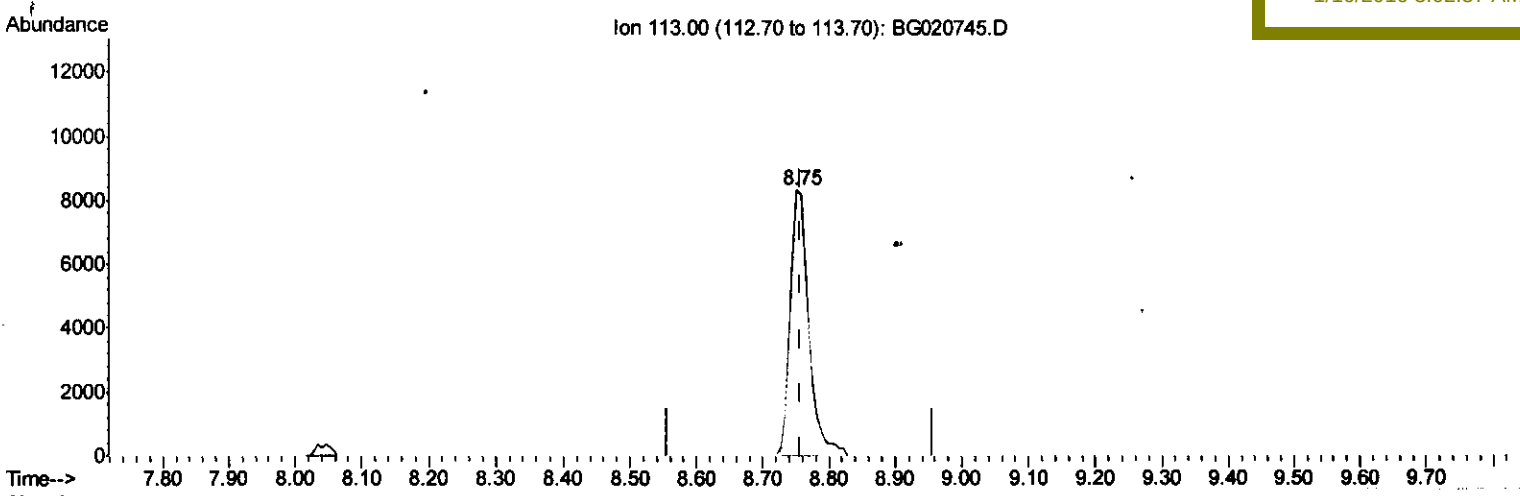
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011516\
 Data File : BG020745.D
 Acq On : 15 Jan 2016 10:09
 Operator : SJ/IZ
 Sample : H1101-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC9A9

Manual Integrations
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Sohil
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Quant Time: Jan 15 22:15:53 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 15 22:12:27 2016
 Response via : Initial Calibration



(13) 4-Methylphenol-d8 (S)

8.752min (-0.005) 11.38ng/ul m

response 15892

Ion	Exp%	Act%
113.00	100	100
115.00	89.70	88.78
54.00	13.30	15.27
0.00	0.00	0.00

S. J
 1/16/16

Quantitation Report (Qedit)

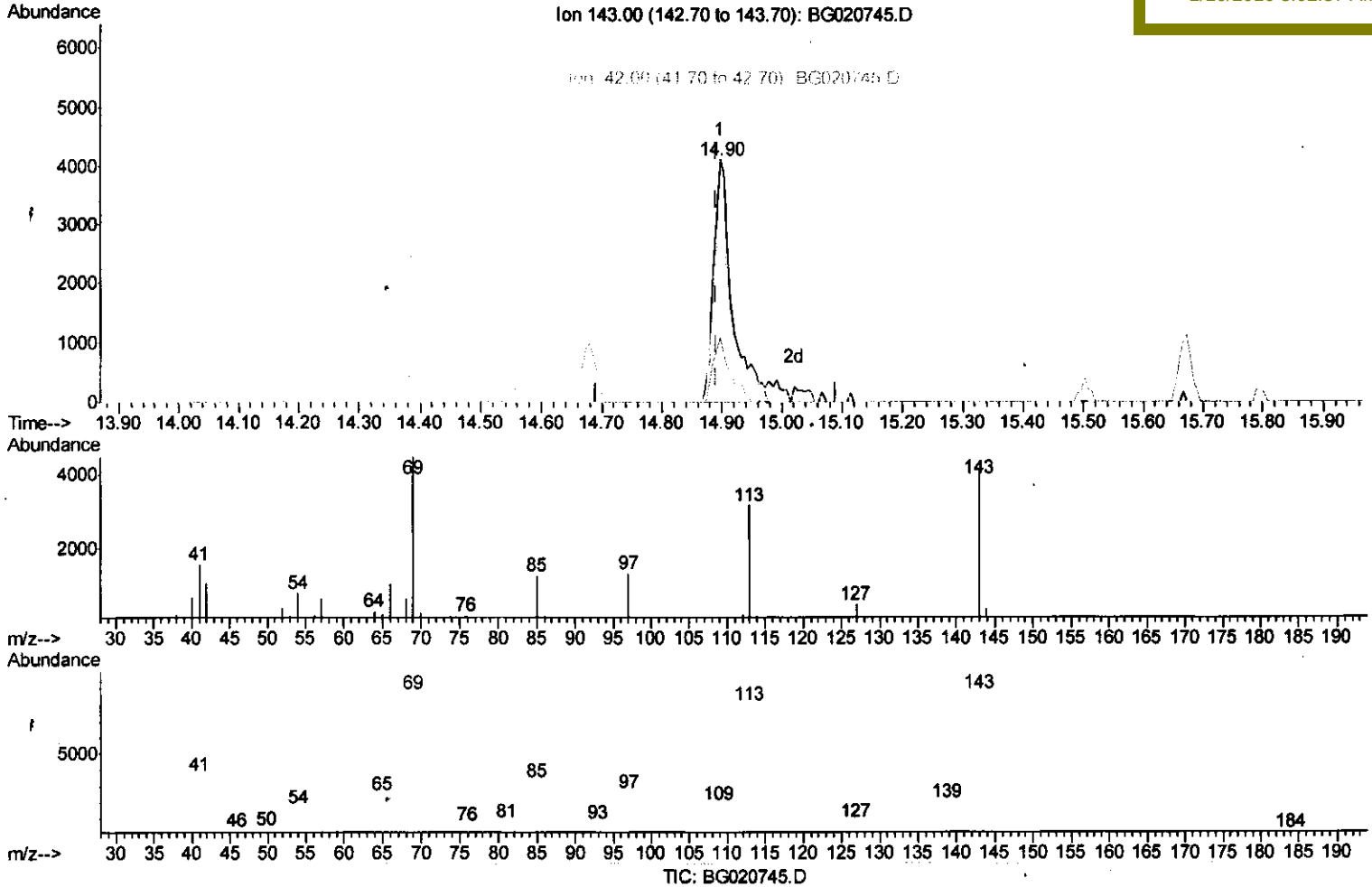
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011516\
 Data File : BG020745.D
 Acq On : 15 Jan 2016 10:09
 Operator : SJ/IZ
 Sample : H1101-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC9A9

Quant Time: Jan 15 22:15:53 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 15 22:12:27 2016
 Response via : Initial Calibration

Manual Integrations
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(52) 4-Nitrophenol-d4 (S)

14.897min (+0.007) 13.15ng/ul

response 8789

Ion	Exp%	Act%
143.00	100	100
113.00	77.10	77.09
41.00	32.60	38.12
42.00	22.30	26.35

Quantitation Report (Qedit)

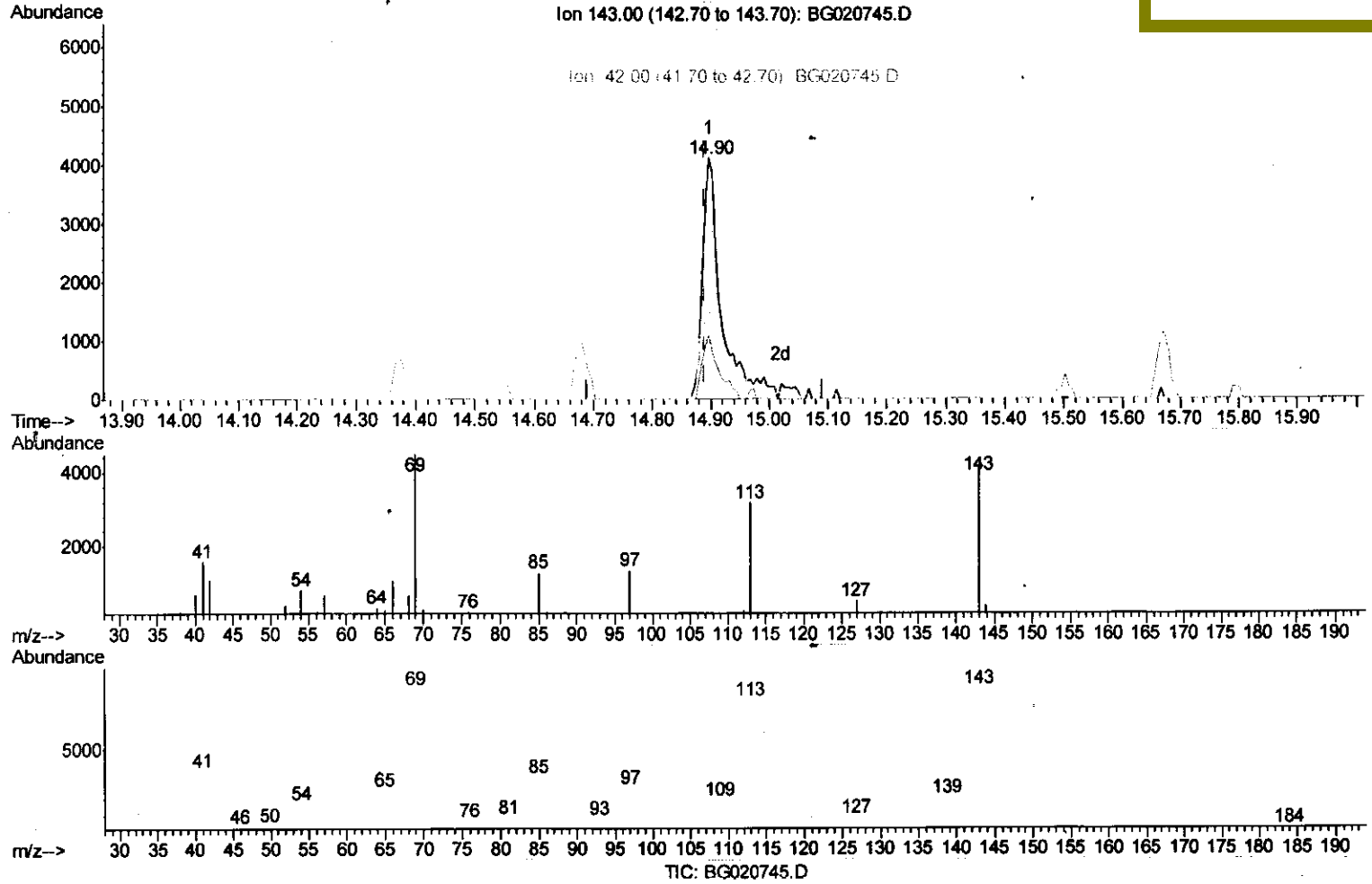
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011516\
 Data File : BG020745.D
 Acq On : 15 Jan 2016 10:09
 Operator : SJ/IZ
 Sample : H1101-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC9A9

Quant Time: Jan 15 22:15:53 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 15 22:12:27 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Sohil
 1/16/2016 3:02:37 AM



(52) 4-Nitrophenol-d4 (S)

14.897min (+0.007) 14.01ng/ul m

response 9363

Ion	Exp%	Act%
143.00	100	100
113.00	77.10	77.09
41.00	32.60	38.12
42.00	22.30	26.35

S.J
 1/15/16

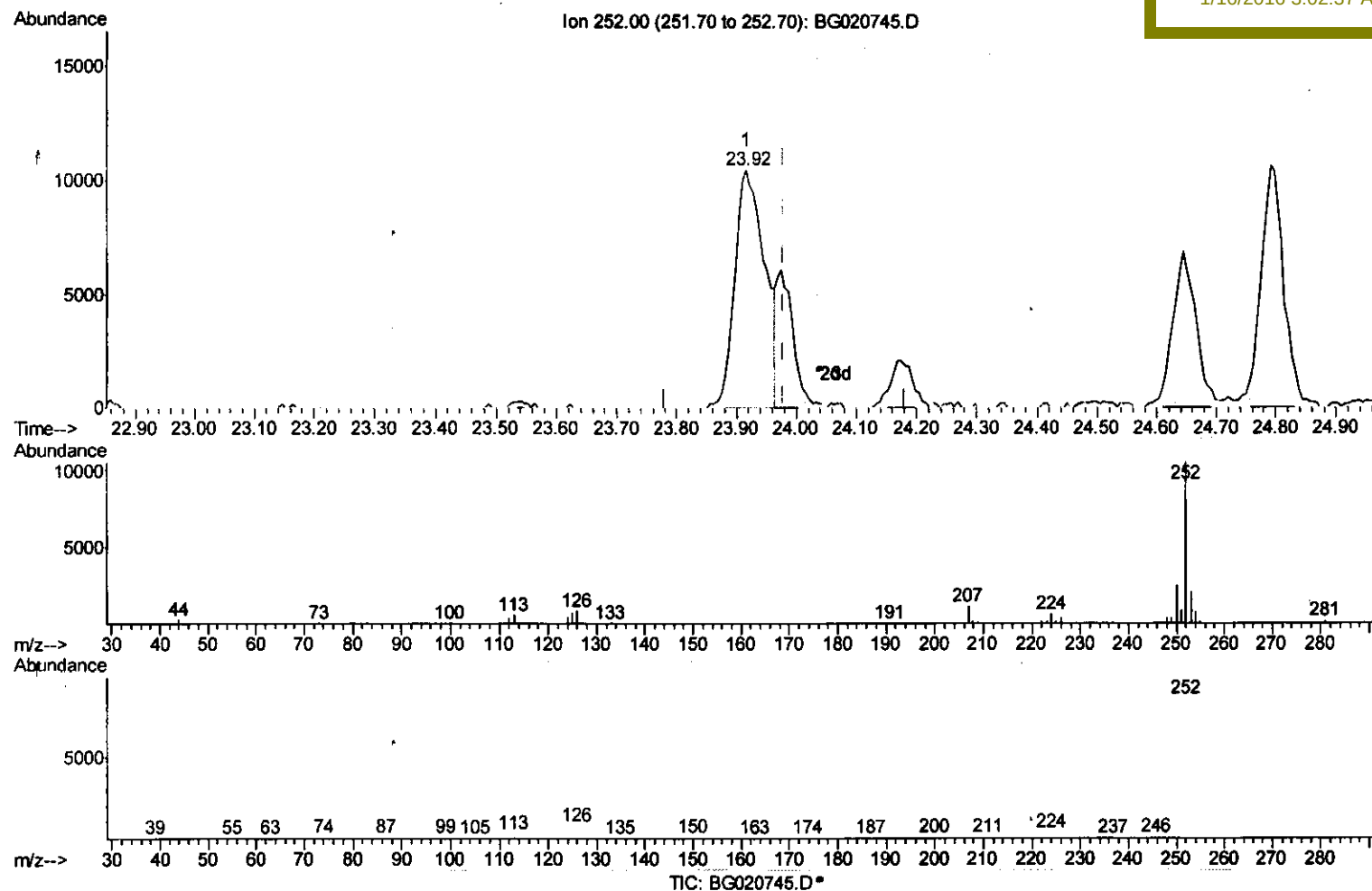
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011516\
Data File : BG020745.D
Acq On : 15 Jan 2016 .10:09
Operator : SJ/IZ
Sample : H1101-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
Client Sampled :
BC9A9

Quant Time: Jan 15 22:34:31 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 15 22:12:27 2016
Response via : Initial Calibration

Manual Integrations
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(89) Benzo(k)fluoranthene

23.916min (-0.064) 3.55ng/ul

response 36584

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	21.30
125.00	6.70	8.10#
0.00	0.00	0.00

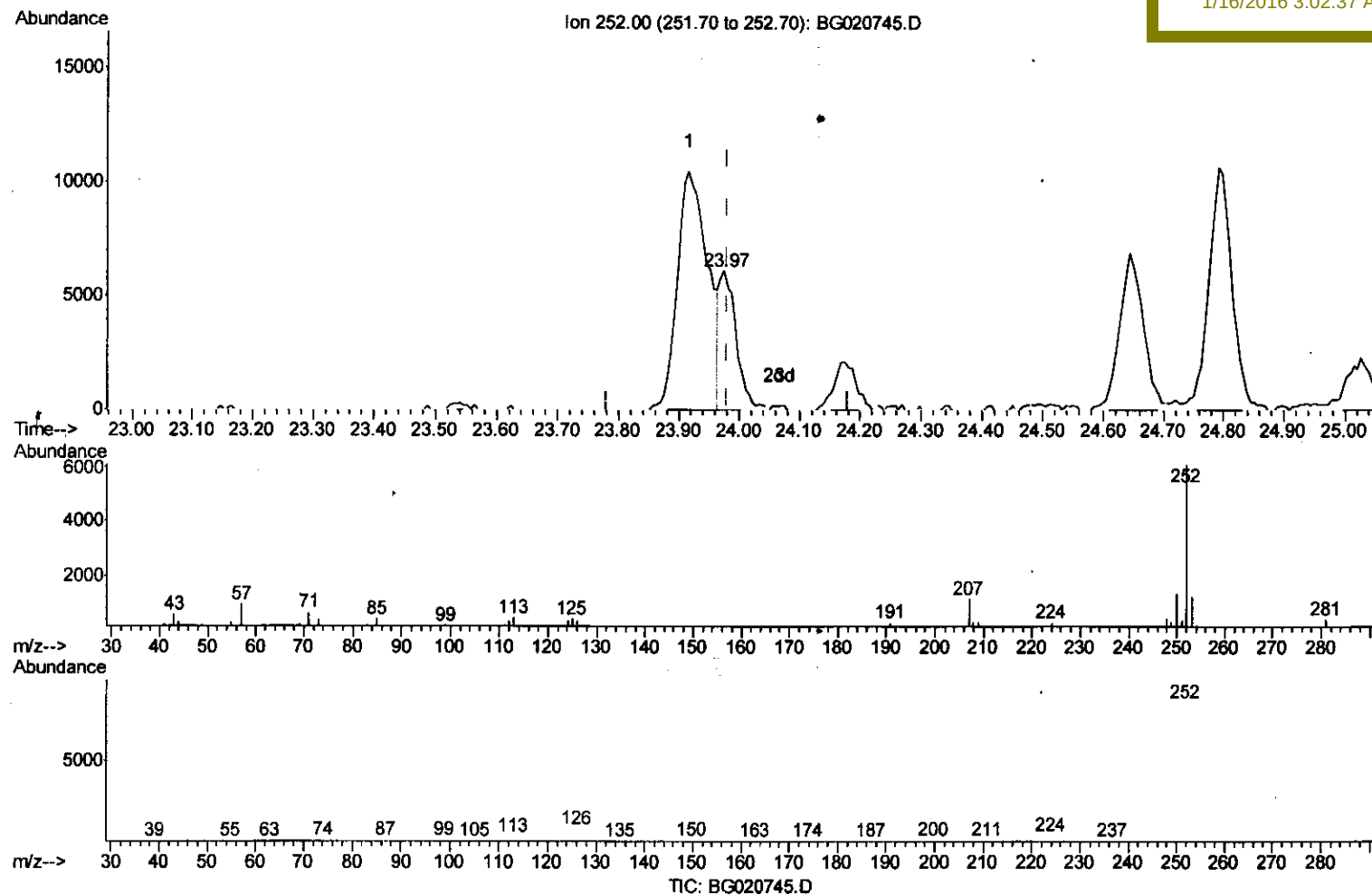
```
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011516\  
Data File : BG020745.D  
Acq On    : 15 Jan 2016 10:09  
Operator  : SJ/IZ  
Sample    : H1101-01  
Misc      :  
ALS Vial  : 15 Sample Multiplier: 1
```

Instrument :
BNA_G
ClientSampleId :
BC9A9

Manual Integrations APPROVED

Sohil
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Quant Time: Jan 15 22:34:31 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 15 22:12:27 2016
Response via : Initial Calibration



(89) Benzo(k)fluoranthene

23.975min (-0.005) 1.12ng/ul m

response 11575

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

252.00	100	100
--------	-----	-----

253.00	21.40	20.50
--------	-------	-------

125.00	6.70	6.97
--------	------	------

0.00 0.00 0.00

ul m S. J
11/16/16

Quantitation Report (Qedit)

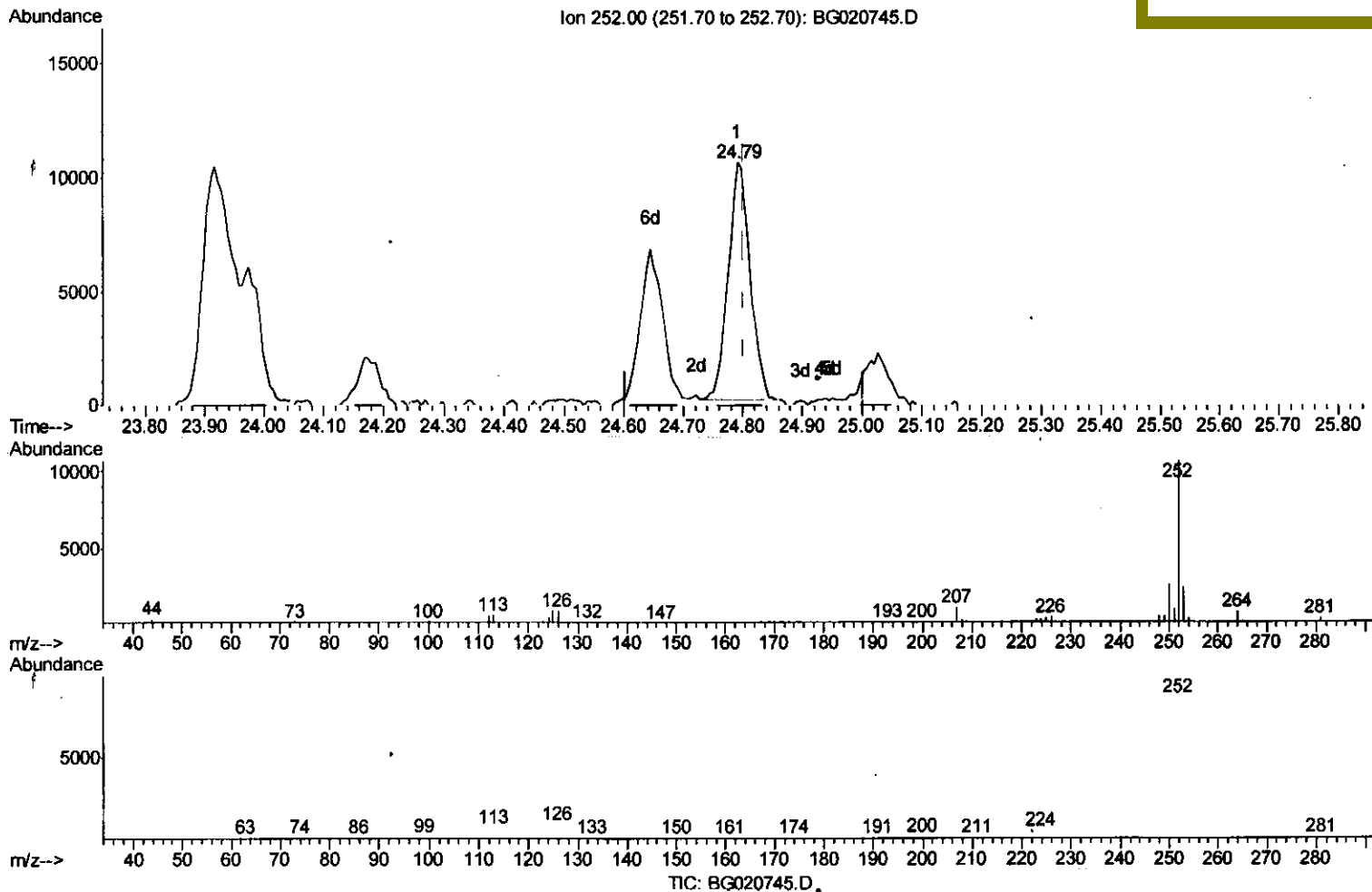
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011516\
 Data File : BG020745.D
 Acq On : 15 Jan 2016 10:09
 Operator : SJ/IZ
 Sample : H1101-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC9A9

Quant Time: Jan 15 22:34:31 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 15 22:12:27 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Sohil
 1/16/2016 3:02:37 AM



(91) Benzo(a)pyrene (C)

24.792min (-0.011) 2.67ng/ul

response 26828

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	23.07
125.00	7.20	8.65#
0.00	0.00	0.00

Quantitation Report (Qedit)

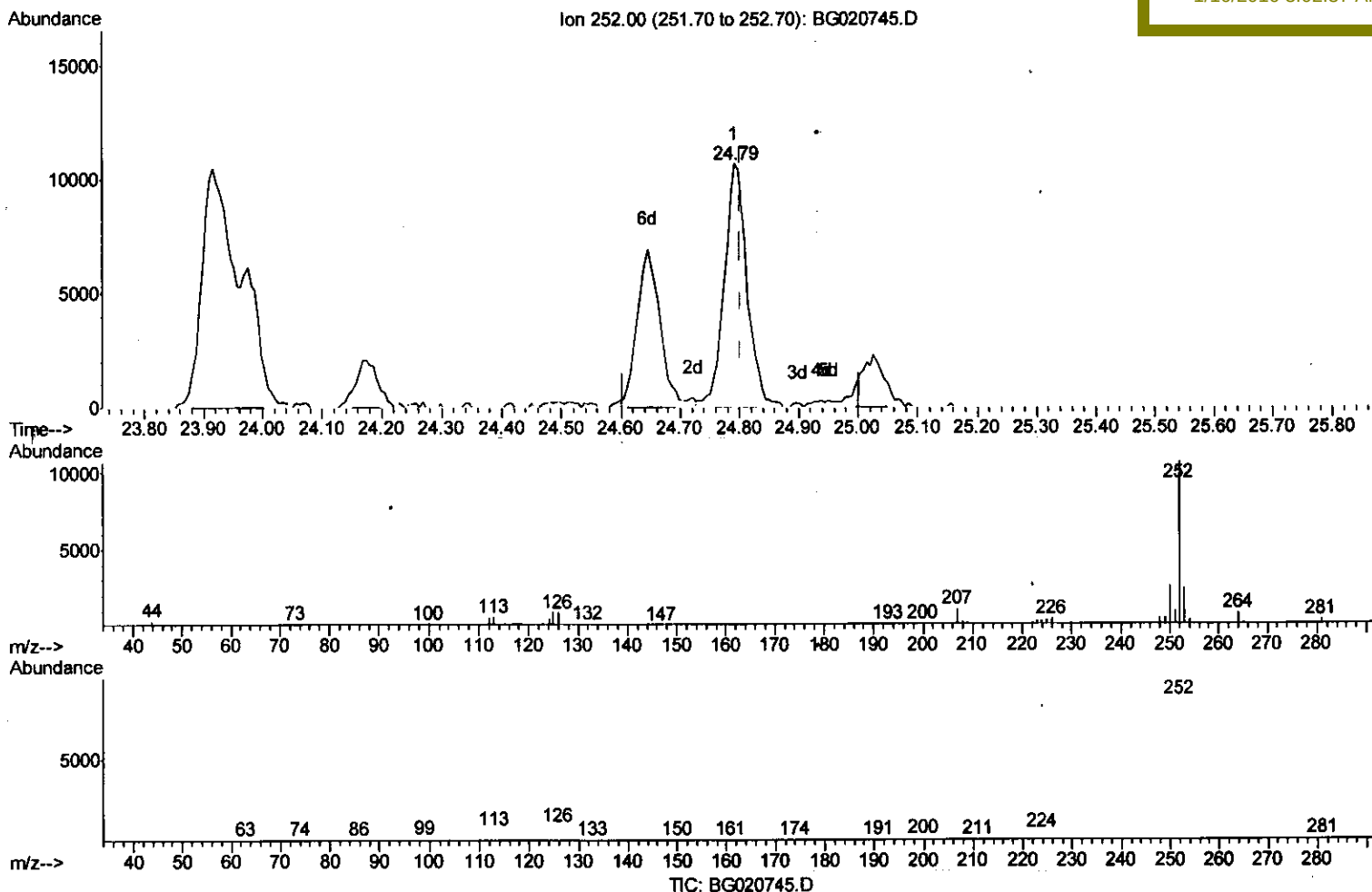
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011516\
 Data File : BG020745.D
 Acq On : 15 Jan 2016 10:09
 Operator : SJ/IZ
 Sample : H1101-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC9A9

Quant Time: Jan 15 22:34:31 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 15 22:12:27 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Sohil
 1/16/2016 3:02:37 AM



(91) Benzo(a)pyrene (C)

24.792min (-0.011) 2.87ng/ul m

response 28857

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	23.07
125.00	7.20	8.65#
0.00	0.00	0.00

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Quantitation Report (Qedit)

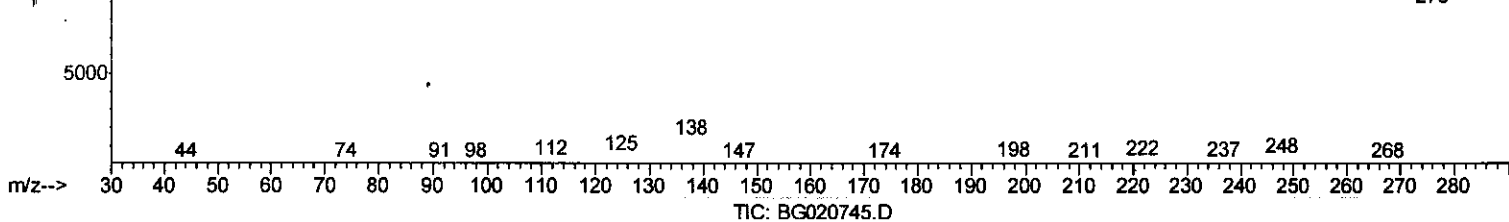
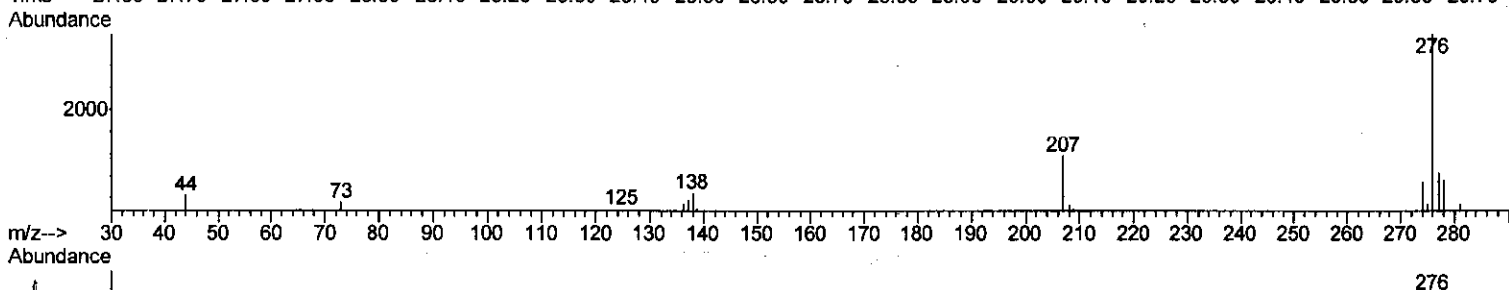
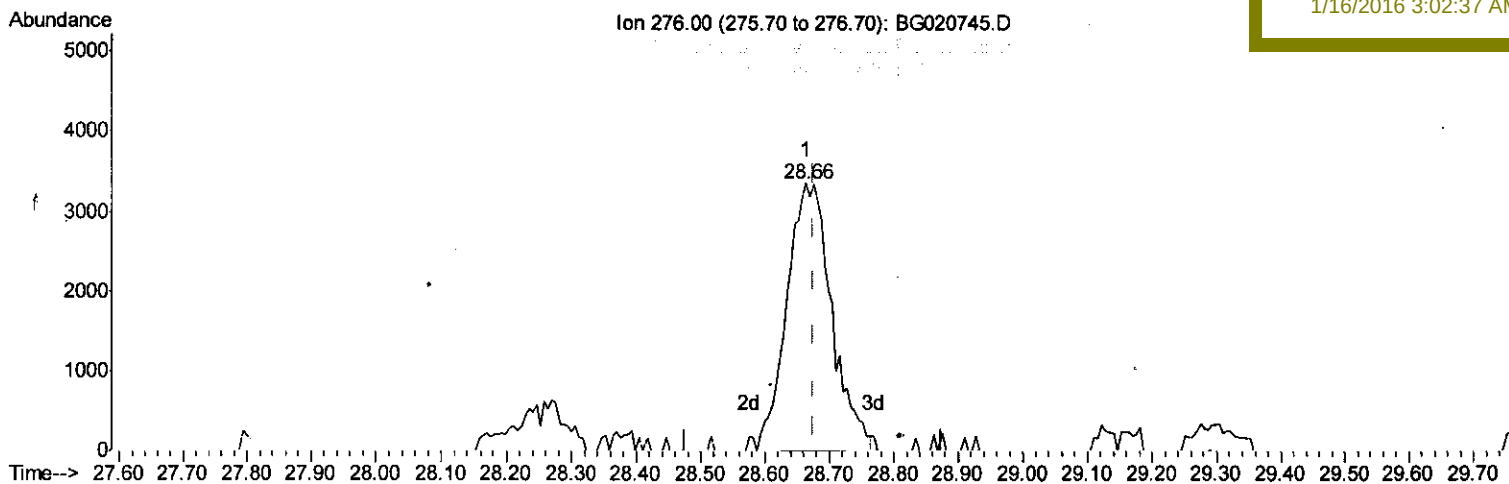
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011516\
 Data File : BG020745.D
 Acq On : 15 Jan 2016 10:09
 Operator : SJ/IZ
 Sample : H1101-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jan 15 22:34:31 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 15 22:12:27 2016
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 BC9A9

Manual Integrations
 APPROVED

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 1/16/2016 3:02:37 AM



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

28.663min (-0.011) 1.38ng/ul

response 16301

Ion	Exp%	Act%
276.00	100	100
138.00	13.60	20.08#
277.00	23.60	25.59
0.00	0.00	0.00

Quantitation Report (Qedit)

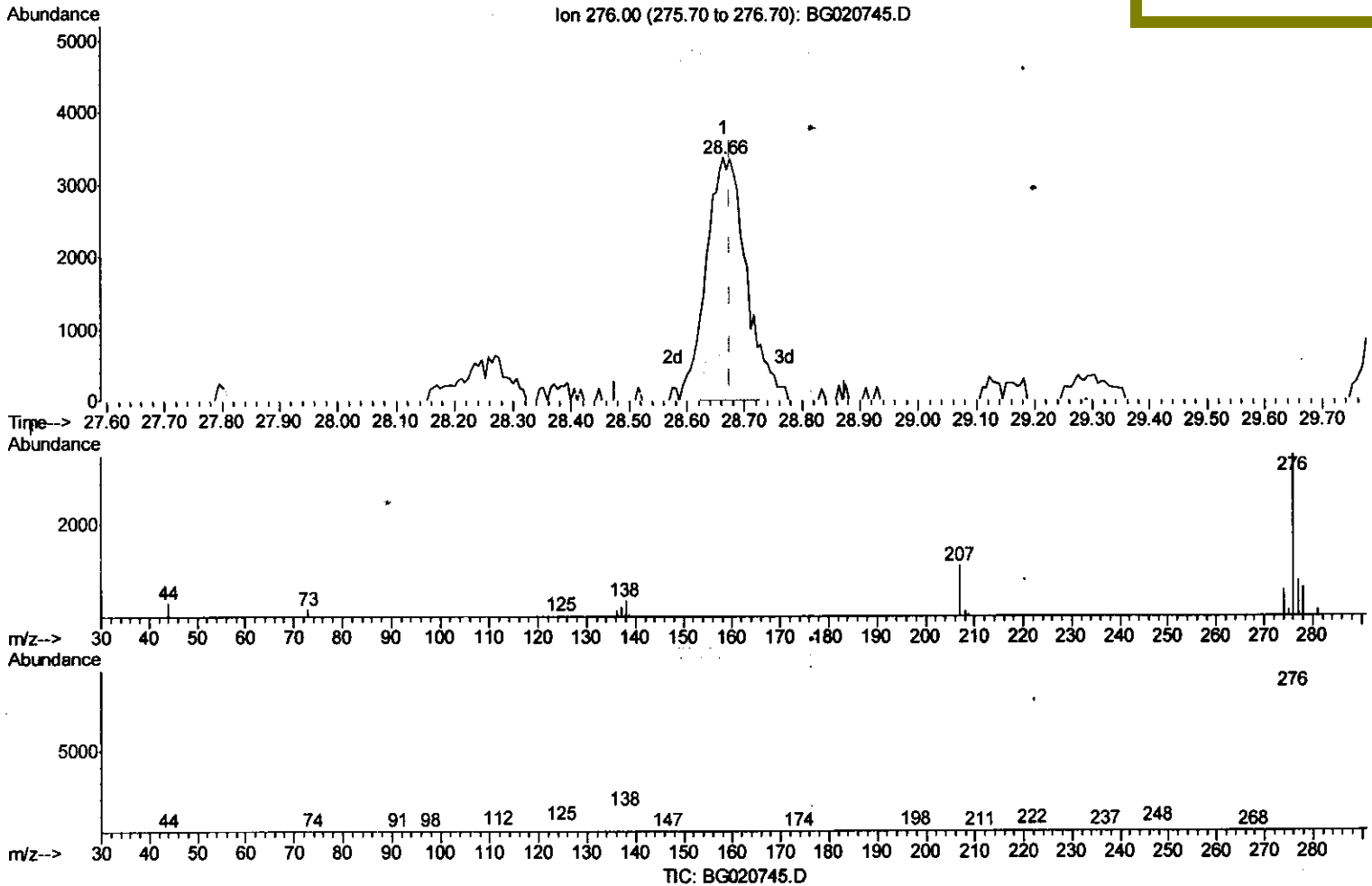
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011516\
 Data File : BG020745.D
 Acq On : 15 Jan 2016 10:09
 Operator : SJ/IZ
 Sample : H1101-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC9A9

Quant Time: Jan 15 22:34:31 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 15 22:12:27 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Sohil
 1/16/2016 3:02:37 AM



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

28.663min (-0.011) 1.38ng/ul m

response 16367

Ion	Exp%	Act%
276.00	100	100
138.00	13.60	14.31
277.00	23.60	25.59
0.00	0.00	0.00

S. J
 1/16/16

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011516\
 Data File : BG020745.D
 Acq On : 15 Jan 2016 10:09
 Operator : SJ/IZ
 Sample : H1101-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC9A9

Manual Integrations
 APPROVED

Sohil
 1/16/2016 3:02:37 AM

Quant Time: Jan 15 22:36:58 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	19317	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	81247	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	57034	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	146128	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	174093	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	161995	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.40	96	1274	3.22	ng/uL	0.00
5) Phenol-d5	7.21	99	27537	16.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	19351	19.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	24375	18.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	15892m	11.38	ng/ul	0.00
19) Nitrobenzene-d5	9.21	128	12854	20.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	15279	20.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	26609	18.77	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	24806	17.67	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	99823	20.06	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	117546	21.03	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	9363m	14.01	ng/ul	0.00
58) Fluorene-d10	15.67	176	92481	20.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	12270	15.44	ng/ul	0.00
71) Anthracene-d10	17.52	188	148359	20.71	ng/ul	0.00
79) Pyrene-d10	19.82	212	177264	21.40	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	186058	21.55	ng/ul	0.00

Target Compounds

						Qvalue
45) Dimethylphthalate	14.13	163	50066	9.36	ng/ul	100
70) Phenanthrene	17.47	178	30174	3.47	ng/ul	99
77) Fluoranthene	19.47	202	58250	5.51	ng/ul	98
80) Pyrene	19.84	202	65901	5.97	ng/ul	98
83) Benzo(a)anthracene	21.68	228	33673	3.10	ng/ul	98
85) Chrysene	21.74	228	35209	3.43	ng/ul	98
88) Benzo(b)fluoranthene	23.92	252	36584	3.51	ng/ul#	98
89) Benzo(k)fluoranthene	23.97	252	11575m	1.12	ng/ul	
91) Benzo(a)pyrene	24.79	252	28857m	2.87	ng/ul	
92) Indeno(1,2,3-cd)pyrene	28.66	276	16367m	1.38	ng/ul	
94) Benzo(g,h,i)perylene	29.83	276	15340	1.57	ng/ul	97

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