

Data Path : Z:\HPCHEM1\BNA_G\Data\BG122215\
Data File : BG020457.D
Acq On : 24 Dec 2015 00:04
Operator : UM/SJ
Sample : G4767-15MEDL 25X

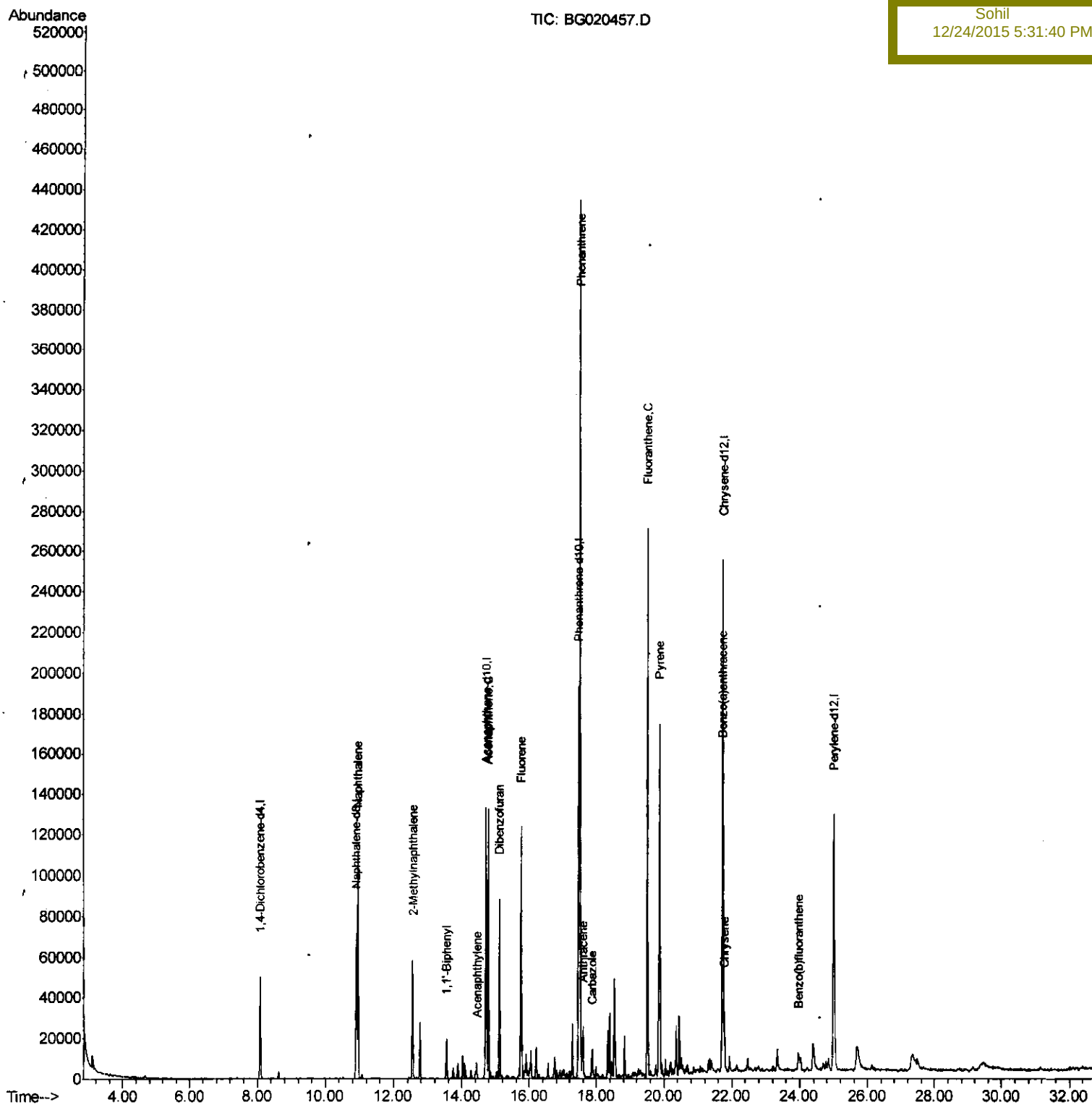
Misc :
ALS Vial : 47 Sample Multiplier: 1

Quant Time: Dec 24 05:54:09 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 24 02:43:25 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9N37MEDL

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Data Path : Z:\HPCHEM1\BNA_G\Data\BG122215\

Data File : BG020457.D

Acq On : 24 Dec 2015 00:04

Operator : UM/SJ

Sample : G4767-15MEDL 25X

Misc :

ALS Vial : 47 Sample Multiplier: 1

Quant Time: Dec 24 05:52:31 2015

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Dec 24 02:43:25 2015

Response via : Initial Calibration

Instrument :

BNA_G

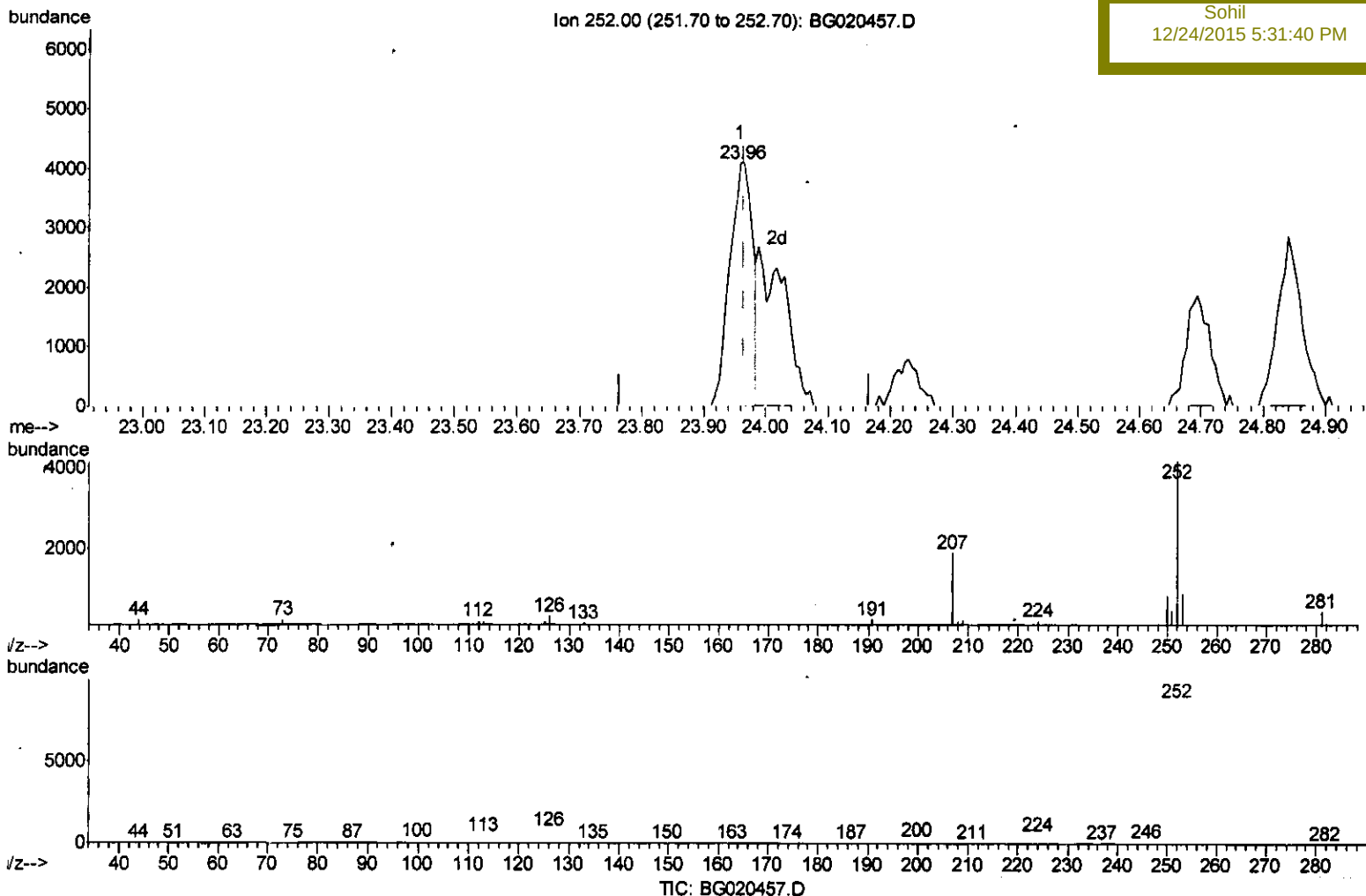
ClientSampleId :

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(88) Benzo(b)fluoranthene

23.959min (-0.006) 1.15ng/ul

response 10403

Ion	Exp%	Act%
252.00	100	100
253.00	20.90	22.35
125.00	7.70	6.12#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG122215\
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 Acq On : 24 Dec 2015 00:04
 Operator : UM/SJ
 Sample : G4767-15MEDL 25X

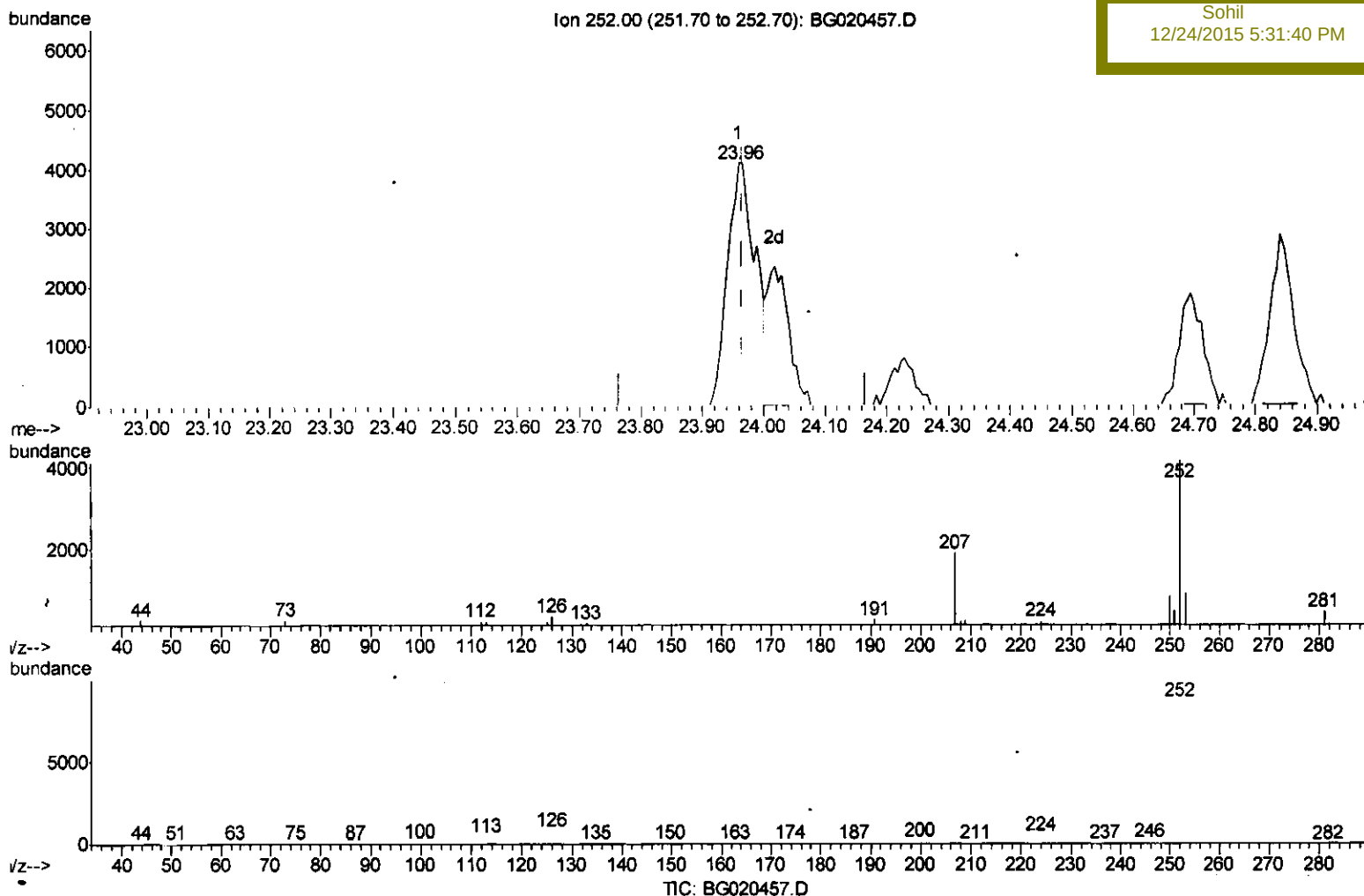
Misc :
 ALS Vial : 47 Sample Multiplier: 1

Quant Time: Dec 24 05:52:31 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 24 02:43:25 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampled :
 D9N37MEDL

Manual Integrations
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Sohil
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(88) Benzo(b)fluoranthene

23.959min (-0.006) 1.41ng/ul m

response 12782

Ion	Exp%	Act%
252.00	100	100
253.00	20.90	22.35
125.00	7.70	6.12#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG122215\
Data File : BG020457.D
Acq. On : 24 Dec 2015 00:04
Operator : UM/SJ
Sample : G4767-15MEDL 25X

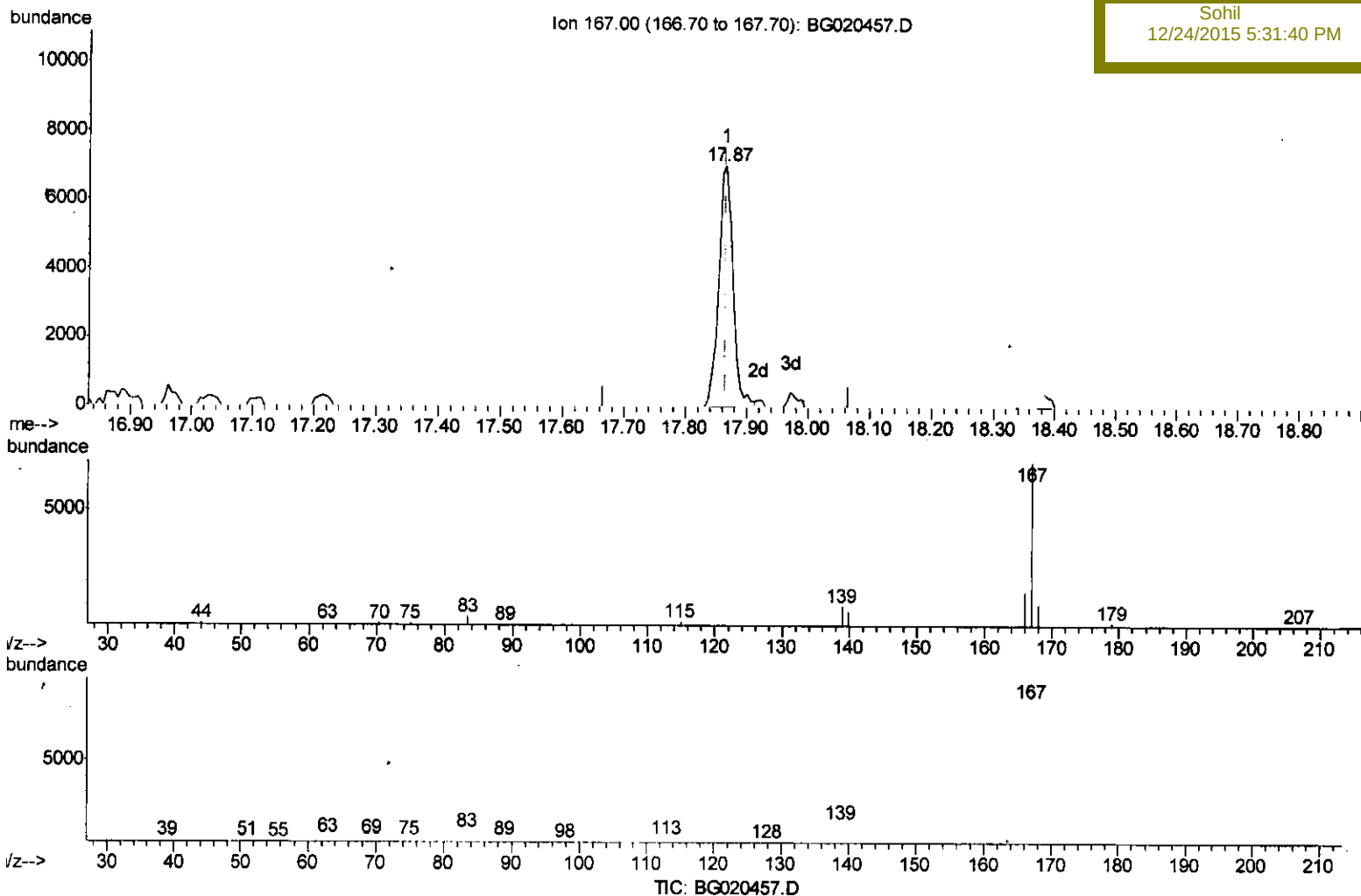
Misc :
ALS Vial : 47 Sample Multiplier: 1

Quant Time: Dec 24 02:53:06 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 24 02:43:25 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9N37MEDL

Manual Integrations
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(75) Carbazole

17.867min (-0.000) 1.89ng/ul

response 11368

Ion	Exp%	Act%
167.00	100	100
166.00	21.30	23.03
139.00	12.60	13.99
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG122215\
Data File : BG020457.D
Acq On : 24 Dec 2015 00:04
Operator : UM/SJ
Sample : G4767-15MEDL 25X

Misc :

ALS Vial : 47 Sample Multiplier: 1

Quant Time: Dec 24 02:53:06 2015

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M

Quant Title : SVOA CALIBRATION

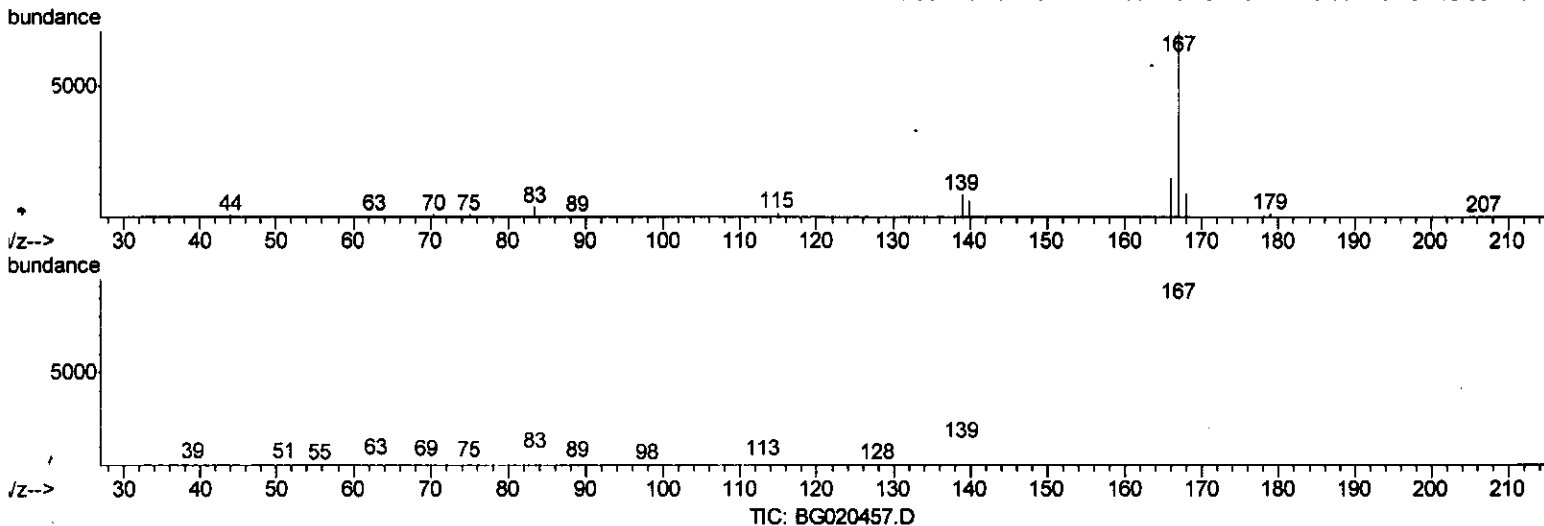
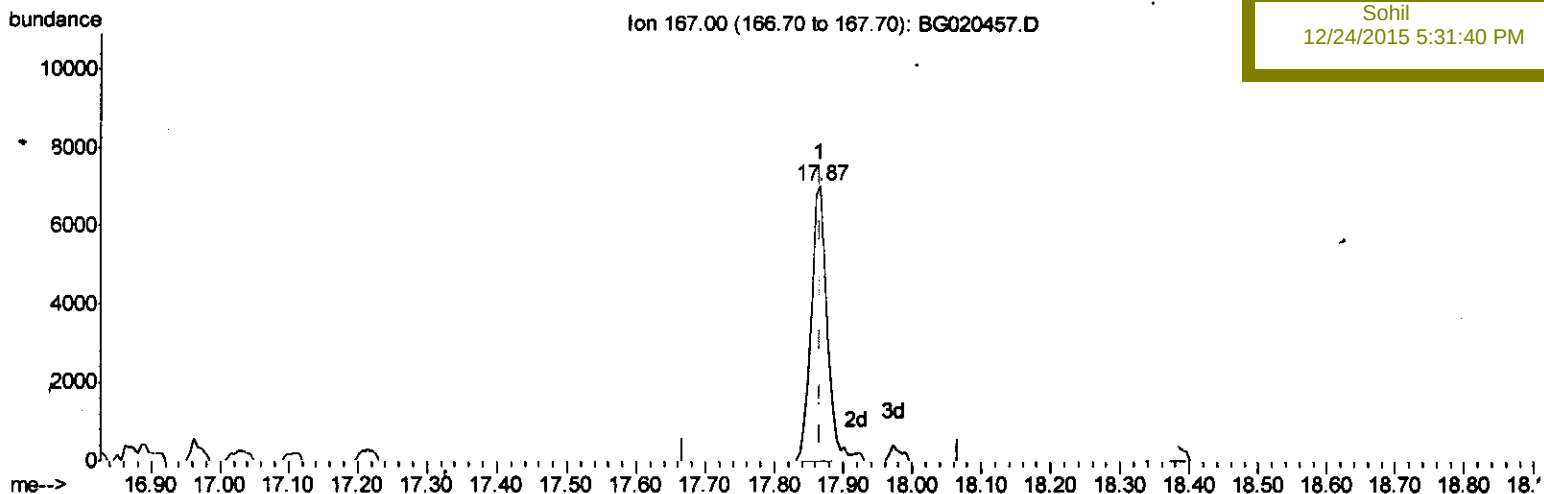
Last Update : Thu Dec 24 02:43:25 2015

Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9N37MEDL

Manual Integrations
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(75) Carbazole

17.867min (-0.000) 1.92ng/ul m

response 11503

Ion	Exp%	Act%
167.00	100	100
166.00	21.30	23.03
139.00	12.60	13.99
0.00	0.00	0.00

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Data Path : Z:\HPCHEM1\BNA_G\Data\BG122215\
Data File : BG020457.D
Acq On : 24 Dec 2015 00:04
Operator : UM/SJ
Sample : G4767-15MEDL 25X

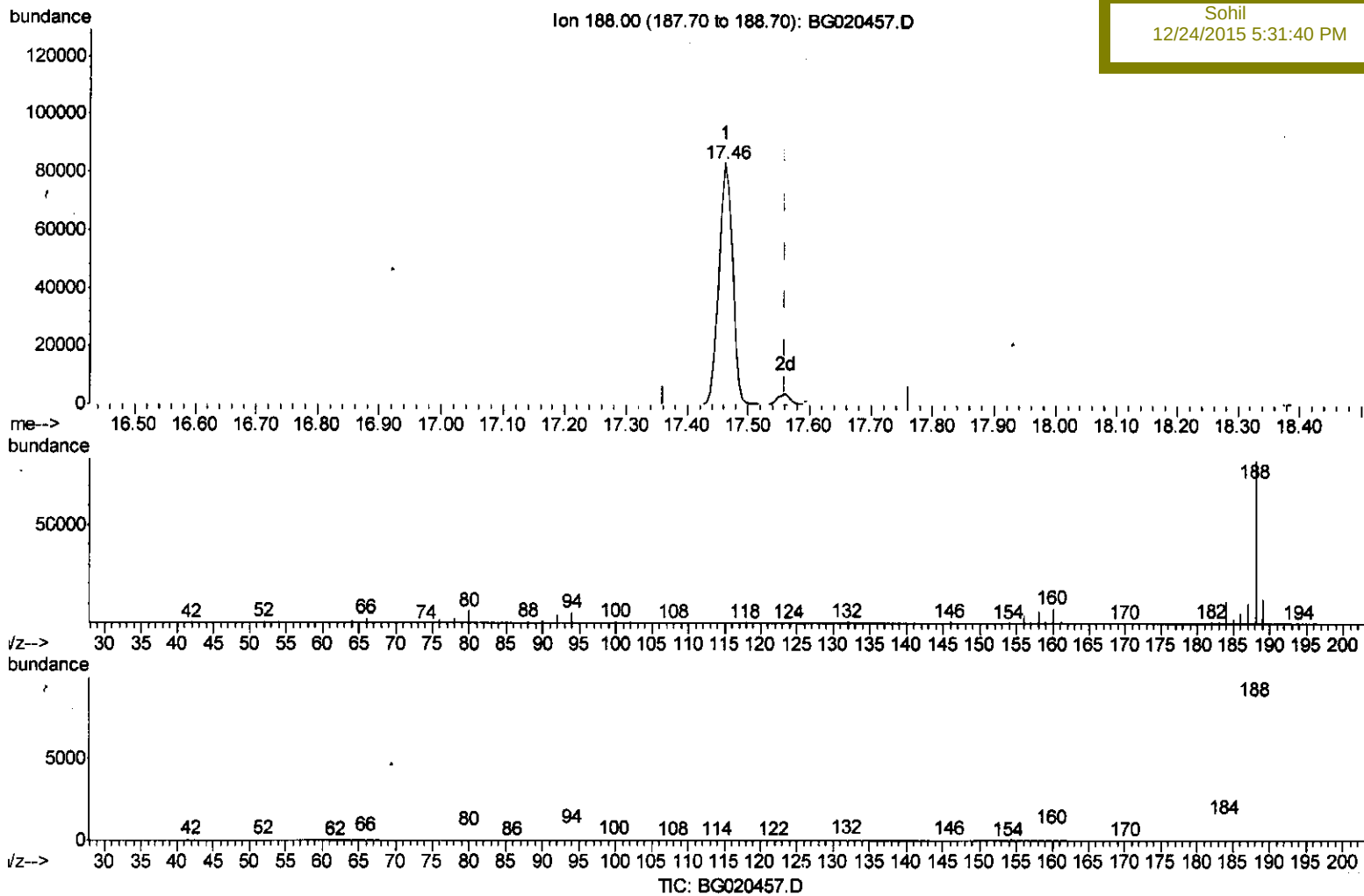
Misc :
ALS Vial : 47 Sample Multiplier: 1

Quant Time: Dec 24 02:53:06 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 24 02:43:25 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampled :
D9N37MEDL

Manual Integrations
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(71) Anthracene-d10 (S)

17.461min (-0.100) 21.70ng/ul

response 128822

Ion	Exp%	Act%
188.00	100	100
94.00	7.70	6.39
80.00	7.50	7.47
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG122215\
 Data File : BG020457.D
 Acq On : 24 Dec 2015 00:04
 Operator : UM/SJ
 Sample : G4767-15MEDL 25X

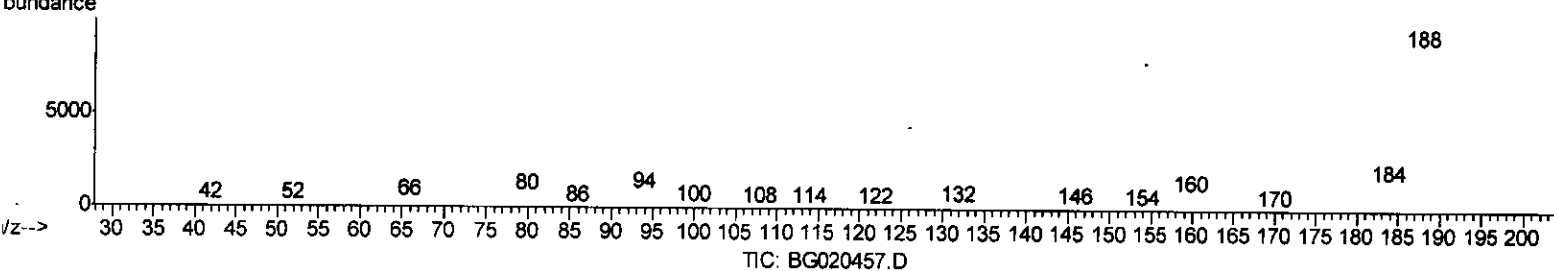
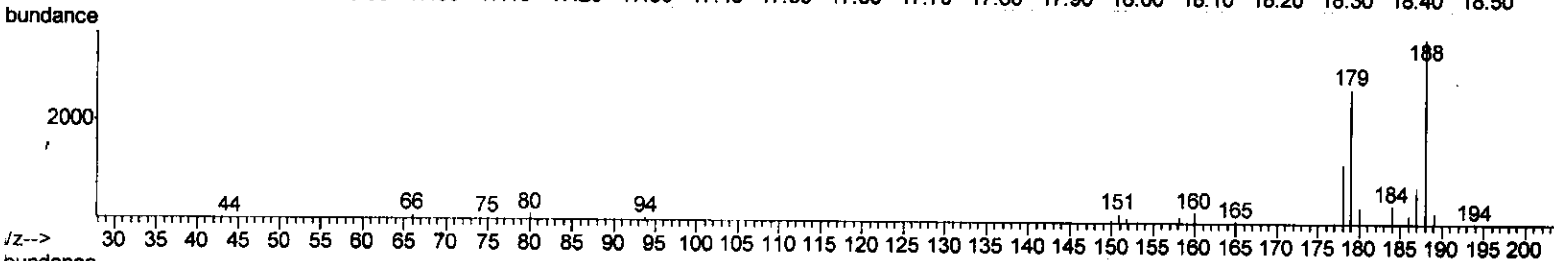
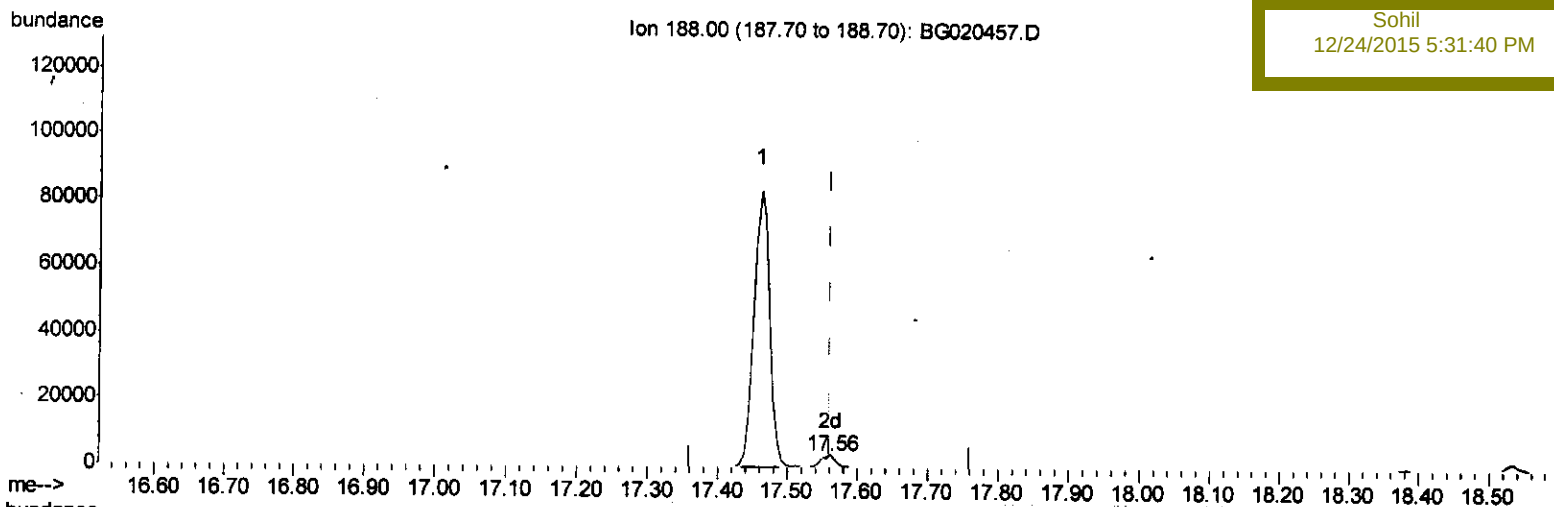
Misc :
 ALS Vial : 47 Sample Multiplier: 1

Quant Time: Dec 24 02:53:06 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 24 02:43:25 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 D9N37MEDL

Manual Integrations
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(71) Anthracene-d10 (S)

17.561min (-0.000) 0.92ng/ul m

response 5483

Ion	Exp%	Act%
188.00	100	100
94.00	7.70	5.98#
80.00	7.50	7.52
0.00	0.00	0.00

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Data Path : Z:\HPCHEM1\BNA_G\Data\BG122215\
Data File : BG020457.D
Acq On : 24 Dec 2015 00:04
Operator : UM/SJ
Sample : G4767-15MEDL 25X

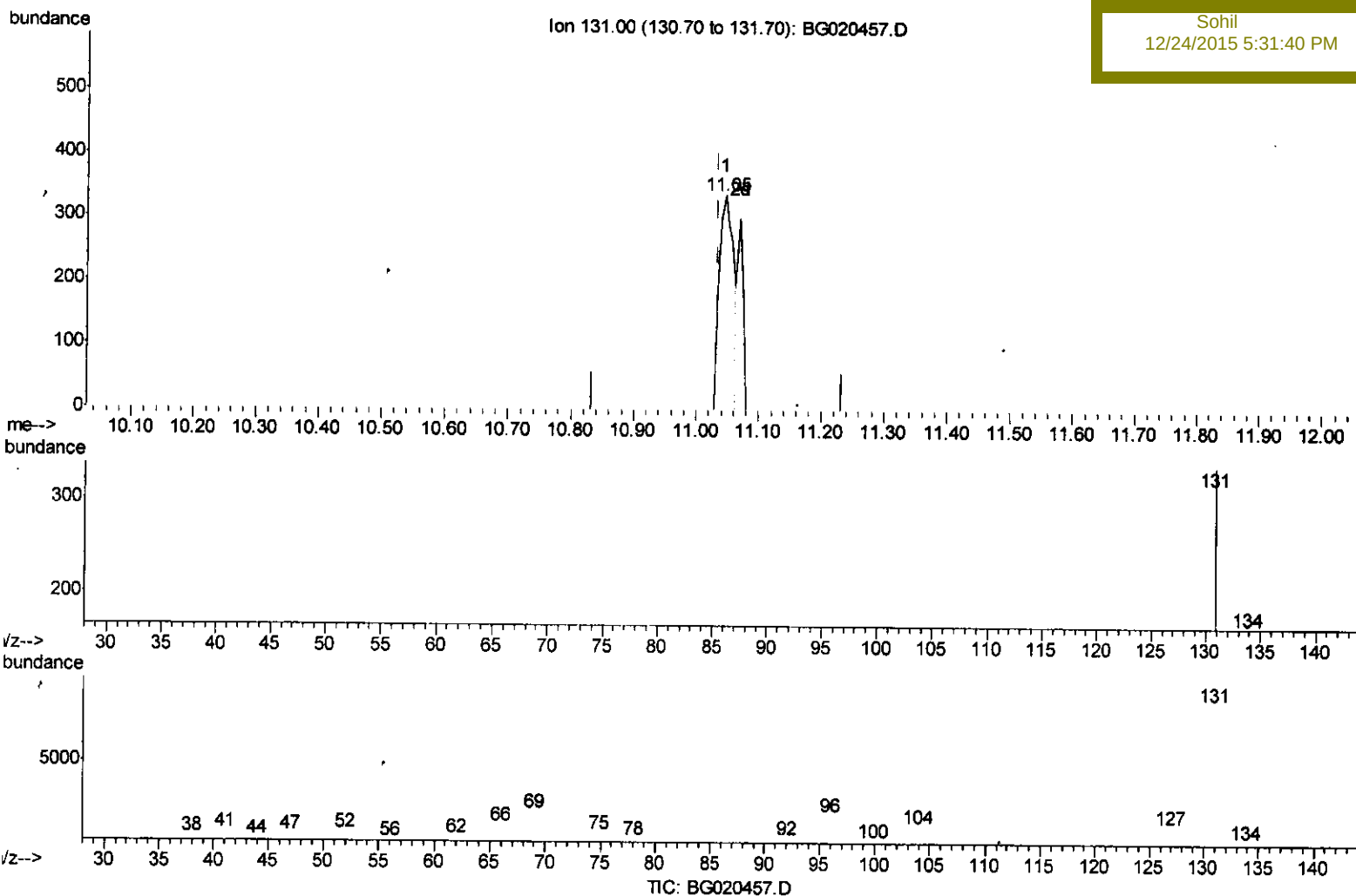
Misc :
ALS Vial : 47 Sample Multiplier: 1

Quant Time: Dec 24 02:53:06 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 24 02:43:25 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9N37MEDL

Manual Integrations
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(29) 4-Chloroaniline-d4 (S)

11.045min (+0.011) 0.43ng/ul

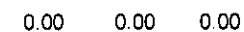
response 556

Ion	Exp%	Act%
131.00	100	100
133.00	30.40	0.00#
69.00	17.80	0.00#
0.00	0.00	0.00

Response via : Initial Calibration

D9N37MEDL

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Data Path : Z:\HPCHEM1\BNA_G\Data\BG122215\
Data File : BG020457.D
Acq On : 24 Dec 2015 00:04
Operator : UM/SJ
Sample : G4767-15MEDL 25X

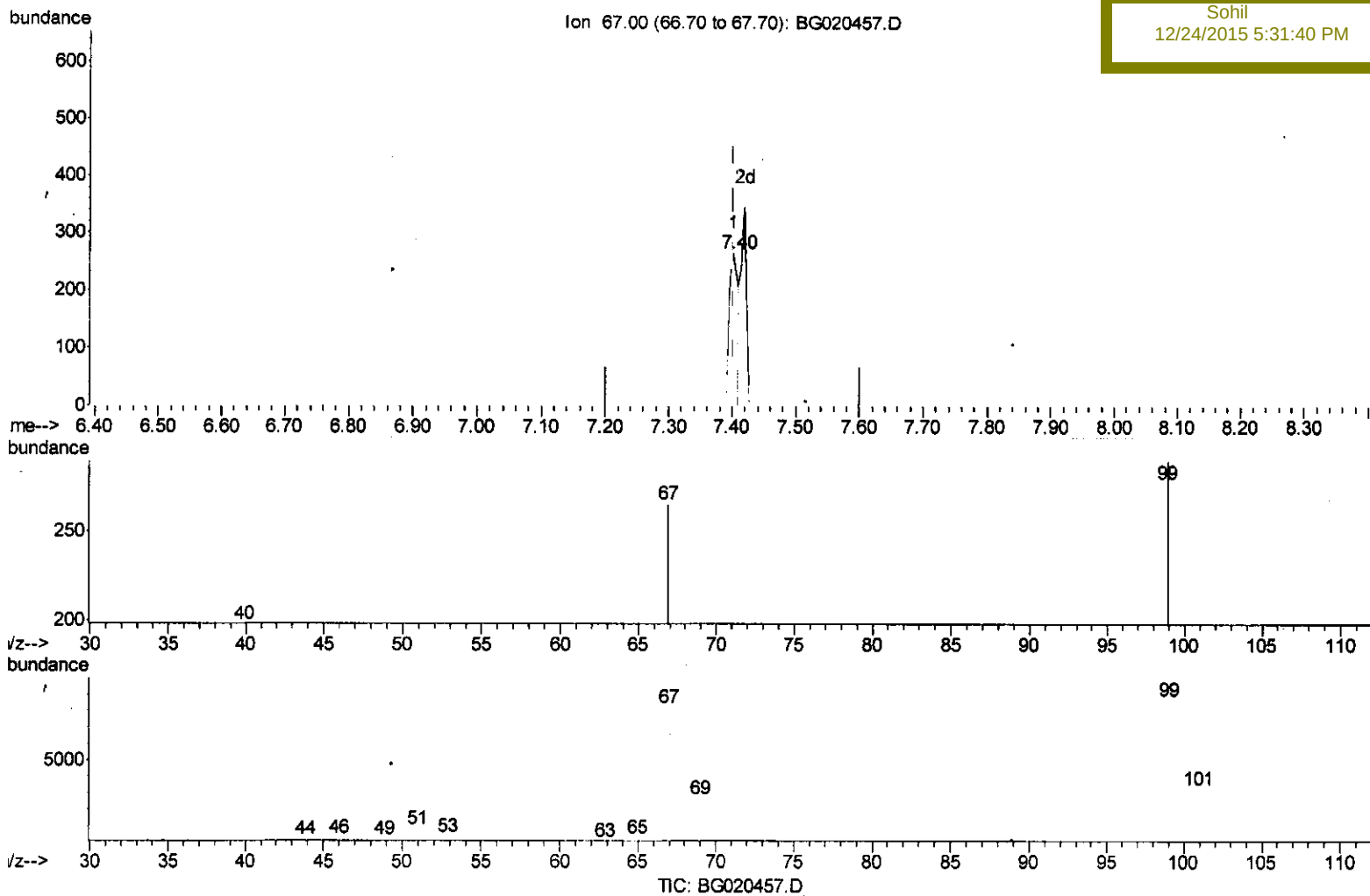
Misc :
ALS Vial : 47 Sample Multiplier: 1

Quant Time: Dec 24 02:53:06 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 24 02:43:25 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleID :
D9N37MEDL

Manual Integrations
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(7) Bis-(2-Chloroethyl)ether-d8 (S)

7.402min (-0.000) 0.29ng/ul

response 241

Ion	Exp%	Act%
67.00	100	100
99.00	119.70	109.06
69.00	31.20	0.00#
0.00	0.00	0.00

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 Data File : BG020457.D
 Acq On : 24 Dec 2015 00:04
 Operator : UM/SJ
 Sample : G4767-15MEDL 25X

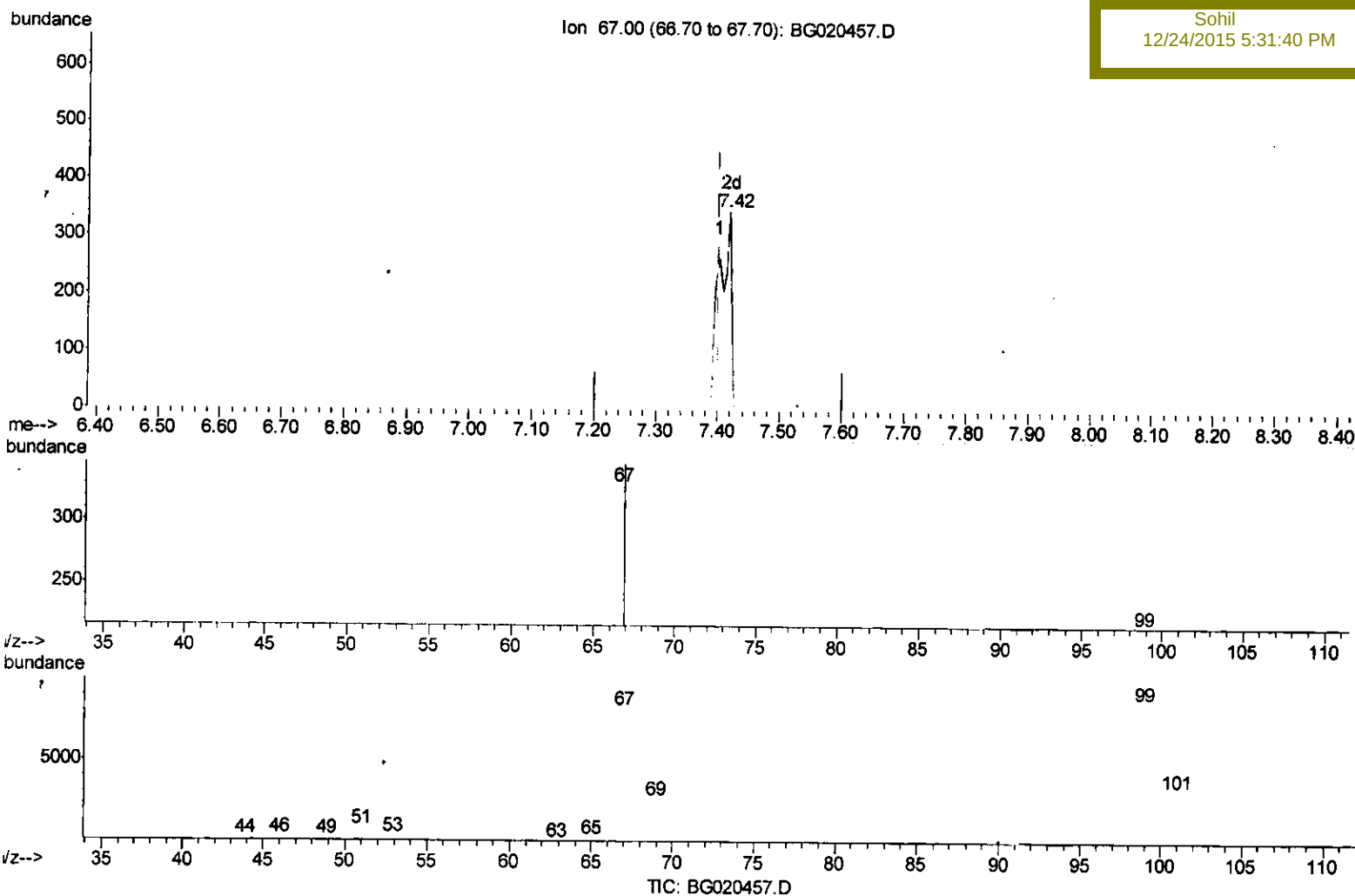
Misc :
 ALS Vial : 47 Sample Multiplier: 1

Quant Time: Dec 24 02:53:06 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 24 02:43:25 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 D9N37MEDL

Manual Integrations
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(7) Bis-(2-Chloroethyl)ether-d8 (S)

7.420min (+0.017) 0.53ng/ul m

response 448

Ion	Exp%	Act%
67.00	100	100
99.00	119.70	62.25#
69.00	31.20	0.00#
0.00	0.00	0.00

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Data Path : Z:\HPCHEM1\BNA_G\Data\BG122215\
Data File : BG020457.D
Acq On : 24 Dec 2015 00:04
Operator : UM/SJ
Sample : G4767-15MEDL 25X

Misc :
ALS Vial : 47 Sample Multiplier: 1

Quant Time: Dec 24 05:54:09 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 24 02:43:25 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9N37MEDL

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	16008	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	64949	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	48476	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	128822	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	164938	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	150418	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.25	99	464	0.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	448m	0.53	ng/ul	0.02
9) 2-Chlorophenol-d4	7.61	132	530	0.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	318	0.26	ng/ul	0.01
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	9.98	143	142	0.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	386	0.34	ng/ul	0.01
29) 4-Chloroaniline-d4	11.05	131	726m	0.57	ng/ul	0.01
44) Dimethylphthalate-d6	14.12	166	3254	0.83	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	3650	0.80	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.70	176	3148	0.89	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.56	188	5483m	0.92	ng/ul	0.00
79) Pyrene-d10	19.84	212	5849	0.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	5965	0.80	ng/ul	0.00

Target Compounds

						Qvalue
28) Naphthalene	10.95	128	97301	28.69	ng/ul	100
34) 2-Methylnaphthalene	12.55	142	28890	11.15	ng/ul	98
41) 1,1'-Biphenyl	13.55	154	12306	3.36	ng/ul	93
48) Acenaphthylene	14.44	152	5029	1.04	ng/ul#	93
50) Acenaphthene	14.78	153	58074	17.81	ng/ul	100
54) Dibenzofuran	15.11	168	59793	12.33	ng/ul	100
59) Fluorene	15.76	166	56739	14.57	ng/ul	94
70) Phenanthrene	17.51	178	297268	42.19	ng/ul	98
72) Anthracene	17.59	178	19533	2.73	ng/ul	96
75) Carbazole	17.87	167	11503m	1.92	ng/ul	
77) Fluoranthene	19.51	202	182969	22.22	ng/ul	97
80) Pyrene	19.87	202	121333	12.15	ng/ul	97
83) Benzo(a)anthracene	21.71	228	28499	2.96	ng/ul	95
85) Chrysene	21.78	228	23549	2.60	ng/ul	94
88) Benzo(b)fluoranthene	23.96	252	12782m	1.41	ng/ul	

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

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