

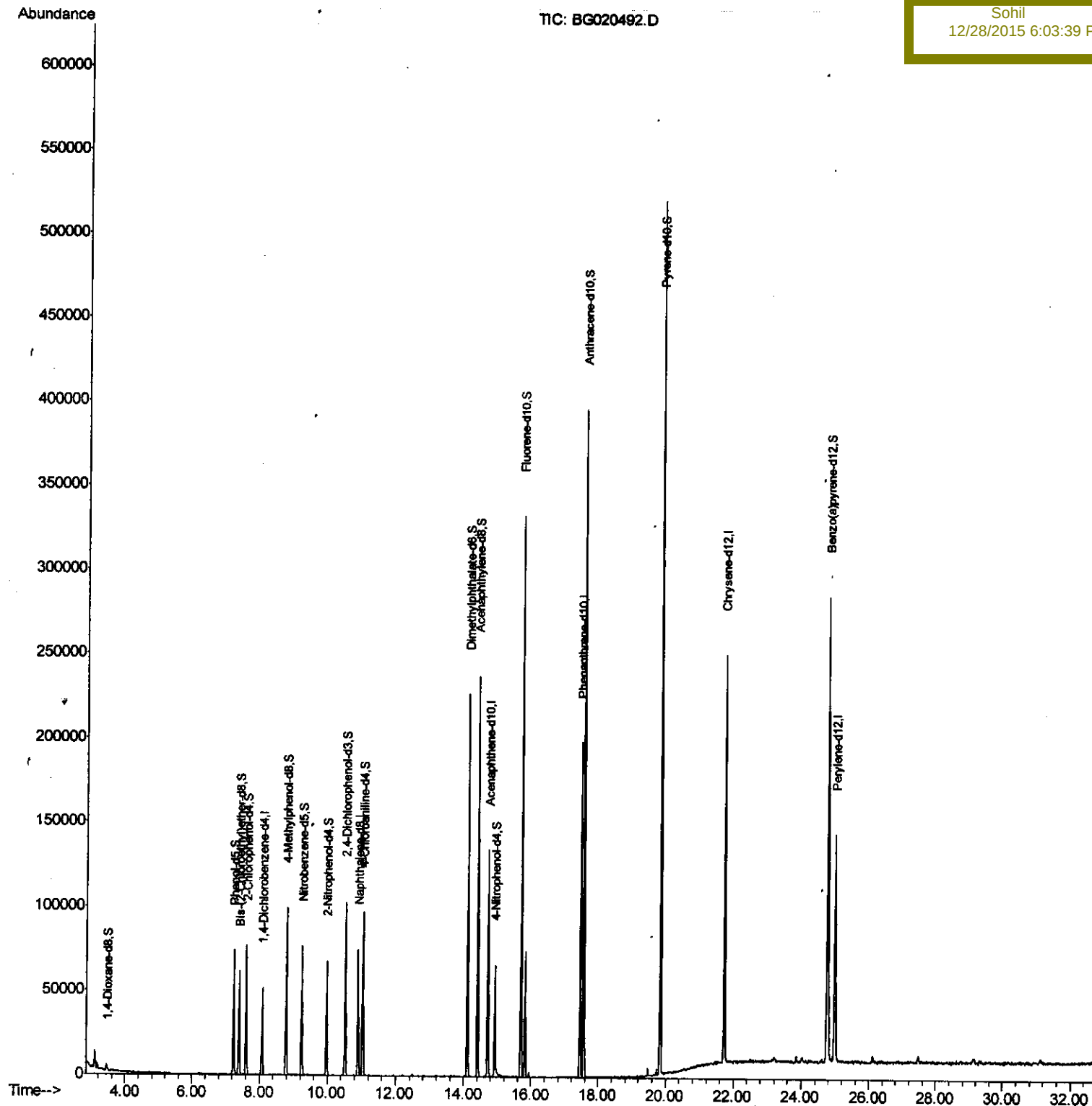
Data Path : Z:\HPCHEM1\BNA G\DATA\BG122415\
Data File : BG020492.D
Acq On : 25 Dec 2015 3:44
Operator : UM/SJ
Sample : PB87438TB
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 25 07:58:31 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 25 03:27:34 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampled :
SLEB12

Manual Integrations
APPROVED

Sohil
12/28/2015 6:03:39 PM



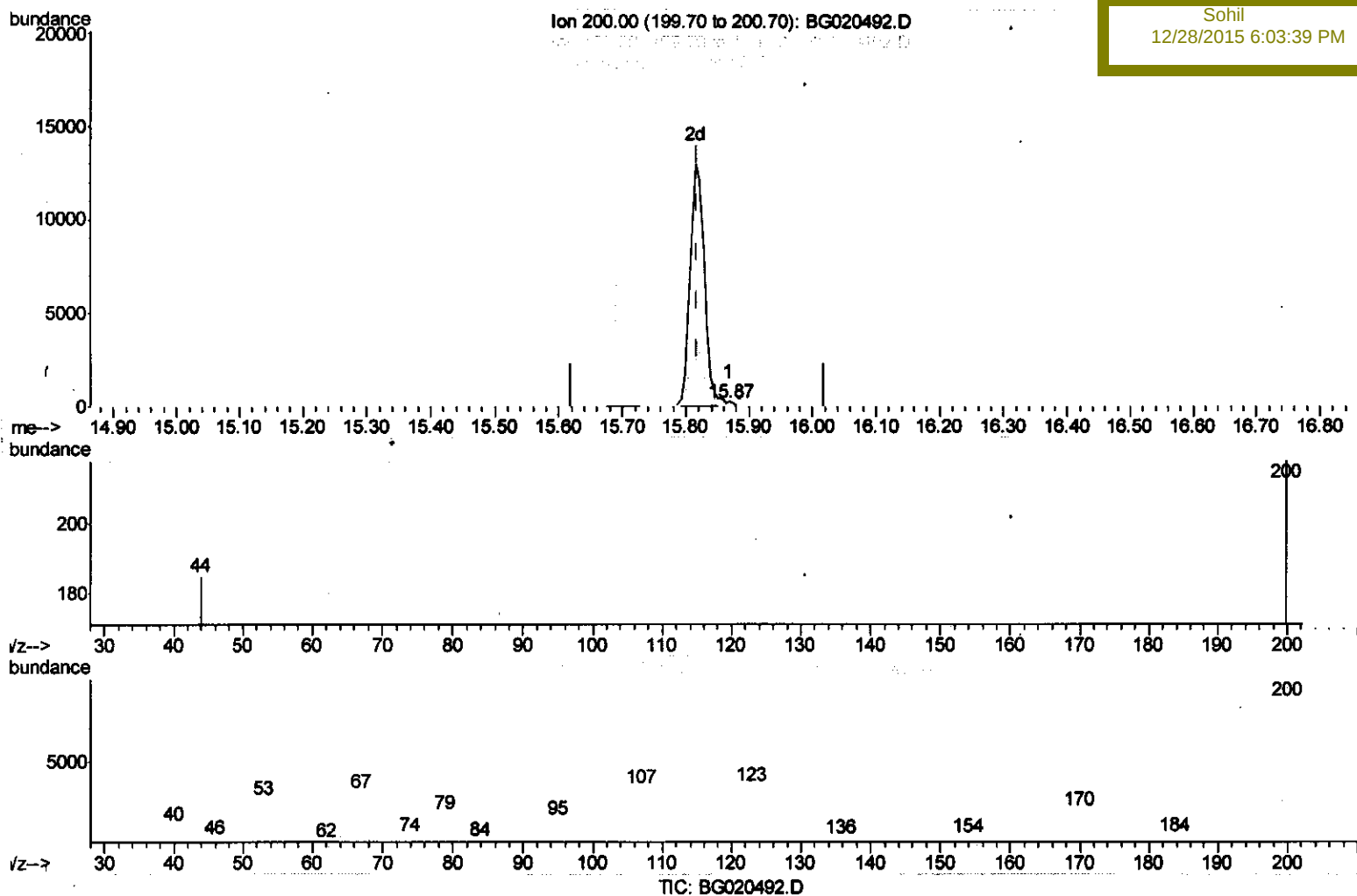
Data Path : Z:\HPCHEM1\BNA G\Data\BG122415\
Data File : BG020492.D
Acq On : 25 Dec 2015 3:44
Operator : UM/SJ
Sample : PB87438TB
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jan 05 13:08:38 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
OLast Update : Wed Dec 30, 01:08:31 2015
Response via : Initial Calibration

Instrument :
BNA G
ClientSampleId :
SLEB12

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

15.869min (+0.049) 0.09ng/ul

response 146

Ion	Exp%	Act%
200.00	100	100
170.00	19.50	0.00#
52.00	37.90	0.00#
0.00	0.00	0.00

Instrument :
BNA_G
ClientSampleId :
SLEB12

Manual Integrations

Ion 200.00 (199.70 to 200.70): BG020492.D
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Abundance vs. m/z plot. The x-axis is labeled 'm/z-->' and ranges from 30 to 210. The y-axis is labeled 'abundance' and ranges from 0 to 20,000. The base peak is at m/z 200. Other significant peaks are labeled at m/z 40, 46, 52, 62, 67, 74, 79, 84, 95, 107, 123, 136, 154, 170, and 184.

2d
15.82

Abundance vs. Time (min) plot. The x-axis is labeled 'me-->' and ranges from 14.80 to 16.80. The y-axis is labeled 'abundance' and ranges from 0 to 20,000. A single sharp peak is labeled at 15.82 minutes.

1

Abundance vs. m/z plot. The x-axis is labeled 'm/z-->' and ranges from 30 to 210. The y-axis is labeled 'abundance' and ranges from 0 to 10,000. The base peak is at m/z 200. Other significant peaks are labeled at m/z 40, 46, 53, 62, 67, 74, 79, 84, 95, 107, 123, 136, 154, 170, and 184.

TIC: BG020492.D

15.816min (-0.004) 24.32ng/ul m

U.M
12/25/15

Page: 1

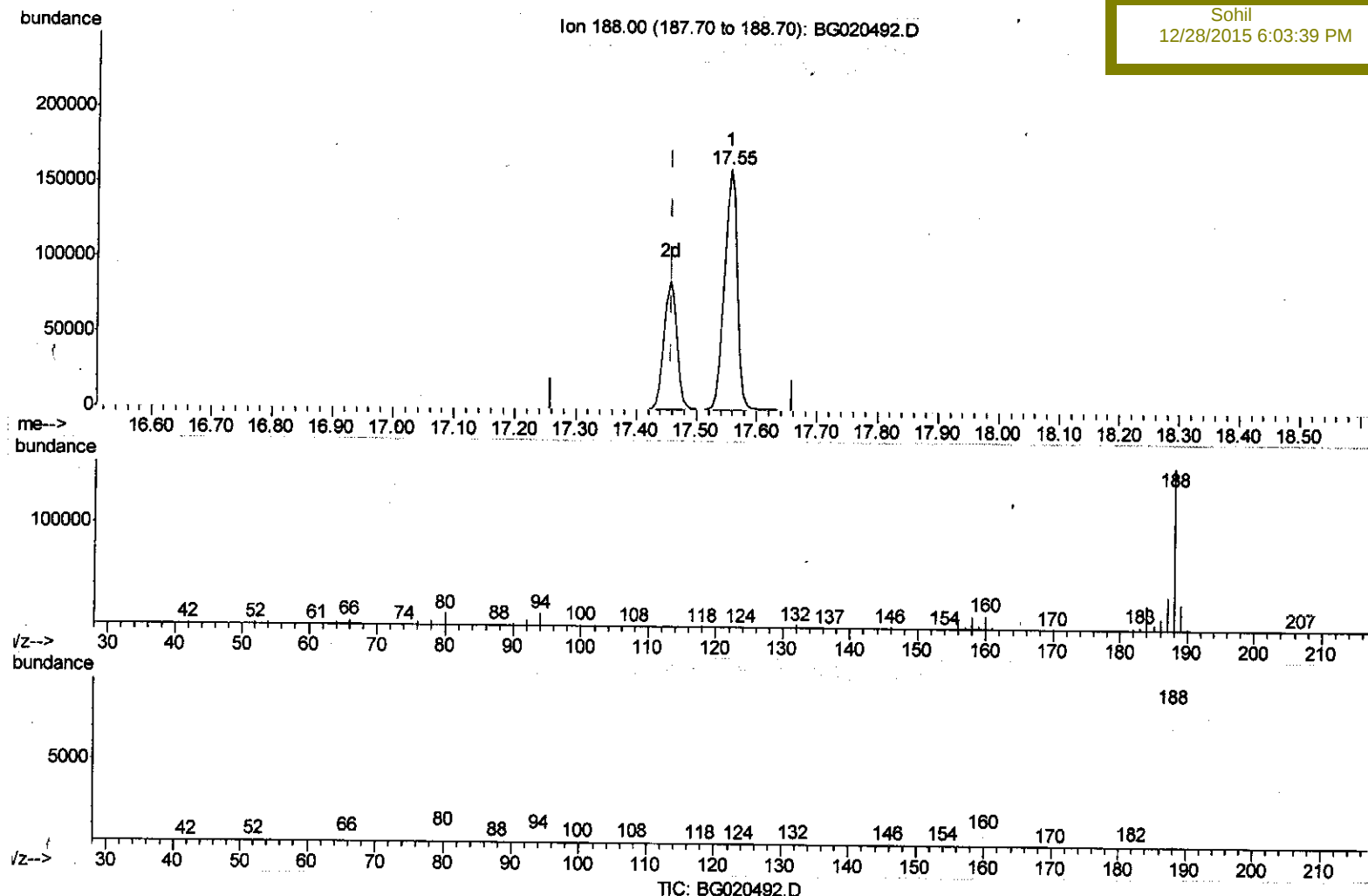
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 Data File : BG020492.D
 Acq On : 25 Dec 2015 3:44
 Operator : UM/SJ
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Quant Time: Dec 25 07:56:37 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 25 03:27:34 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 SLEB12

Manual Integrations
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(62) Phenanthrene-d10 (I)

17.555min (+0.096) 20.00ng/ul

response 241754

Ion	Exp%	Act%
188.00	100	100
94.00	6.90	7.63
80.00	8.90	7.40
0.00	0.00	0.00

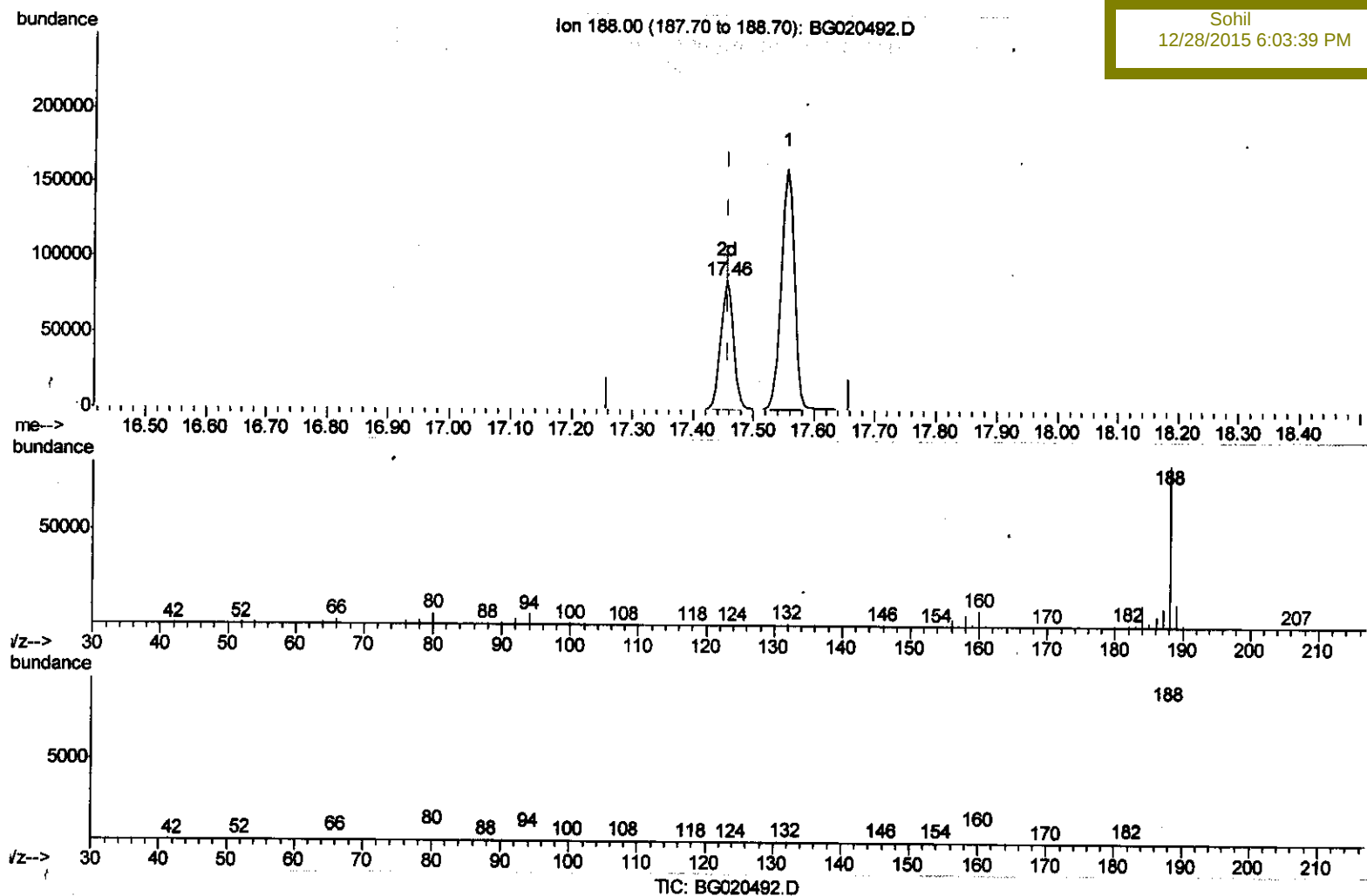
Data Path : Z:\HPCHEM1\BNA G\DATA\BG122415\
 Data File : BG020492.D
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 Sample : PB87438TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 25 07:56:37 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
 Quant Title : SVOA CALIBRATION
 OLast Update : Fri Dec 25 03:27:34 2015
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Instrument :
 BNA_G
 ClientSampleId :
 SLEB12

Manual Integrations
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(62) Phenanthrene-d10 (I)

17.455min (-0.004) 20.00ng/ul m

response 127515

Ion	Exp%	Act%
188.00	100	100
94.00	6.90	6.80
80.00	8.90	7.09#
0.00	0.00	0.00

U.M
 12/25/15

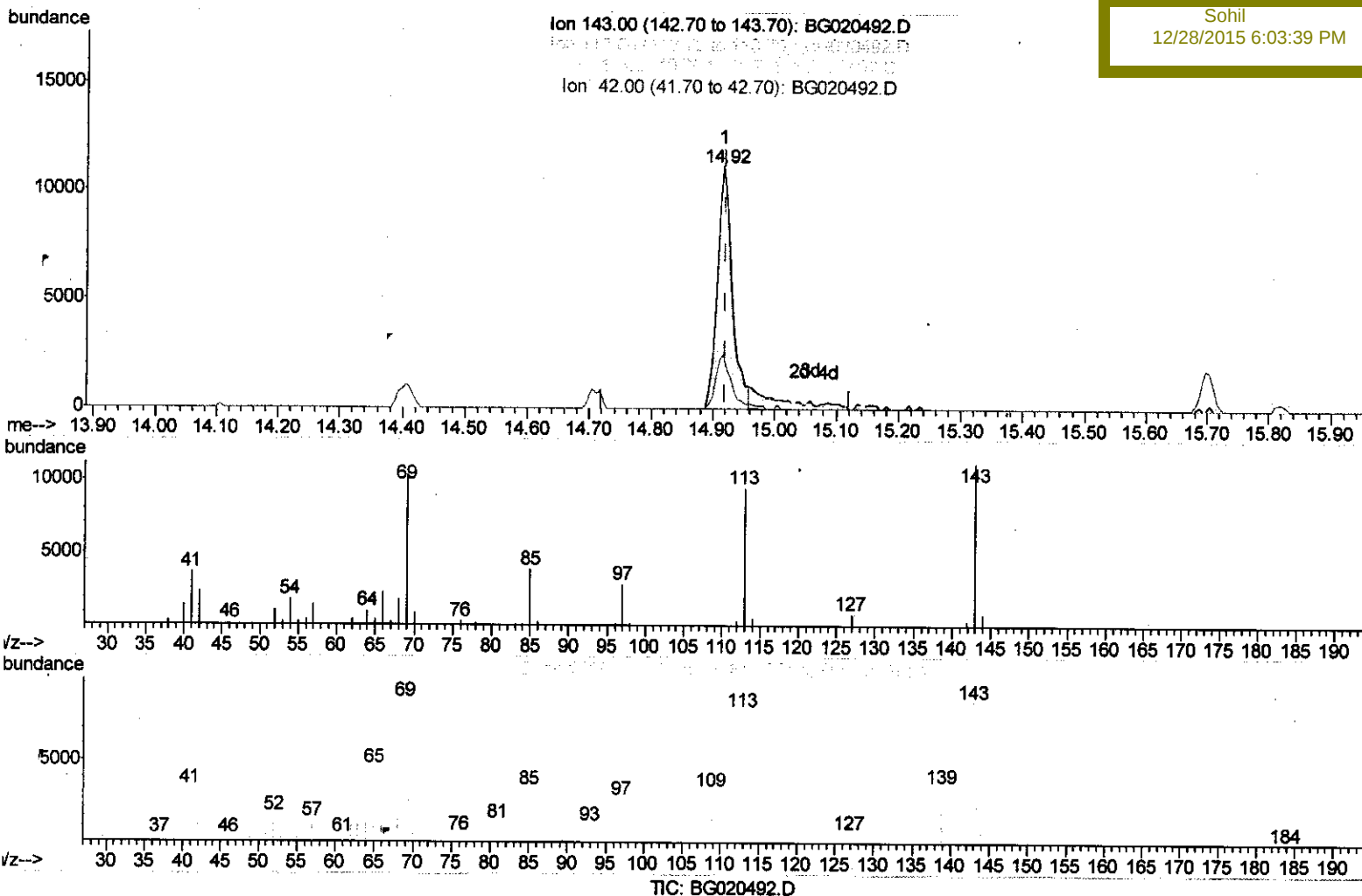
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 Data File : BG020492.D
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 Operator : UM/SJ
 Sample : PB87438TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 25 07:56:37 2015
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 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 25 03:27:34 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampled :
 SLEB12

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

14.917min (-0.004) 28.63ng/ul

response 18902

Ion	Exp%	Act%
143.00	100	100
113.00	89.00	84.62
41.00	38.30	32.91
42.00	23.40	21.80

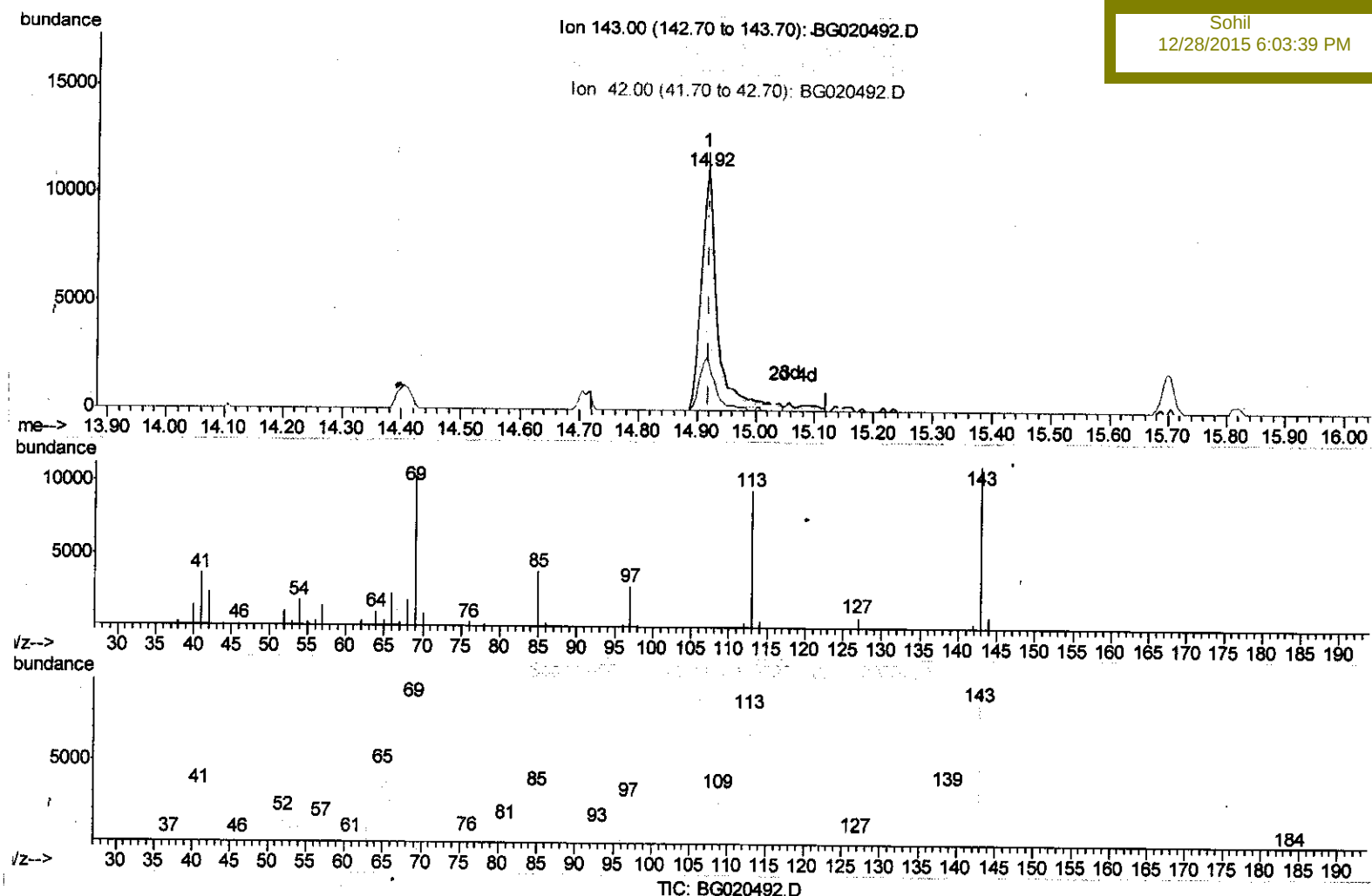
Data Path : Z:\HPCHEM1\BNA G\DATA\BG122415\
 Data File : BG020492.D
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 Operator : UM/SJ
 Sample : PB87438TB
 Misc :
 AES Vial : 19 Sample Multiplier: 1

Quant Time: Dec 25 07:56:37 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 25 03:27:34 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 SLEB12

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

14.917min (-0.004) 32.52ng/ul m

response 21467

Ion	Exp%	Act%
143.00	100	100
113.00	89.00	84.62
41.00	38.30	32.91
42.00	23.40	21.80

U.M
 12/25/15

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122415\
 Data File : BG020492.D
 Acc On : 25 Dec 2015 3:44
 Operator : UM/SJ
 Sample : PB87438TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 28 12:24:17 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
 Quant Title : SVOA CALIBRATION
 OLast Update : Fri Dec 25 03:27:34 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 SLEB12

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	15466	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	65927	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	48043	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	127515m→	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	163367	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	154854	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	2108	7.52	ng/uL	0.00
5) Phenol-d5	7.24	99	46735	37.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	29314	39.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	38315	40.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	40800	39.07	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	20530	39.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	23943	40.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	42822	37.66	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	58869	45.31	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	162731	41.09	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	182630	39.81	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	21467m→	32.52	ng/ul	0.00
58) Fluorene-d10	15.70	176	141462	39.50	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	20553m→	24.32	ng/ul	0.00
71) Anthracene-d10	17.55	188	241624	40.46	ng/ul	0.00
79) Pyrene-d10	19.83	212	297953	42.13	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	329812	42.13	ng/ul	0.00

UM
 12/25/15

Target Compounds Ovalue

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