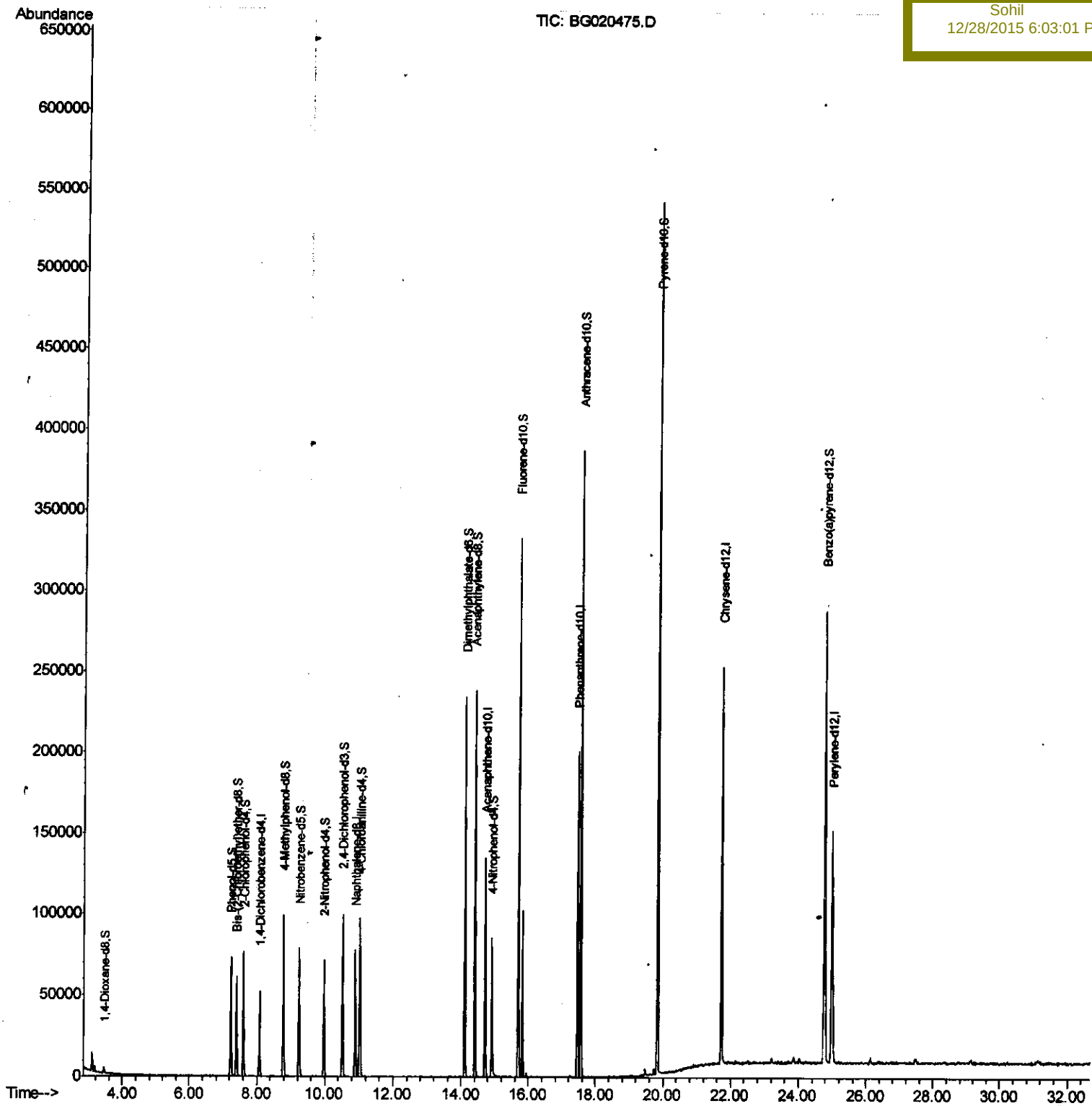
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122415\
Data File : BG020475.D
Acq On : 24 Dec 2015 16:29
Operator : UM/SJ
Sample : PB87437BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 25 02:30:54 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 25 02:19:33 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SBLK37

Manual Integrations APPROVED
Sohil
12/28/2015 6:03:01 PM



Data Path : Z:\HPCHEM1\BNA G\Data\BG122415\
Data File : BG020475.D
Acq On : 24 Dec 2015 16:29
Operator : UM/SJ
Sample : PB87437BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

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

Instrument :
BNA_G
ClientSampleId :
SBLK37

Manual Integrations APPROVED
Sohil
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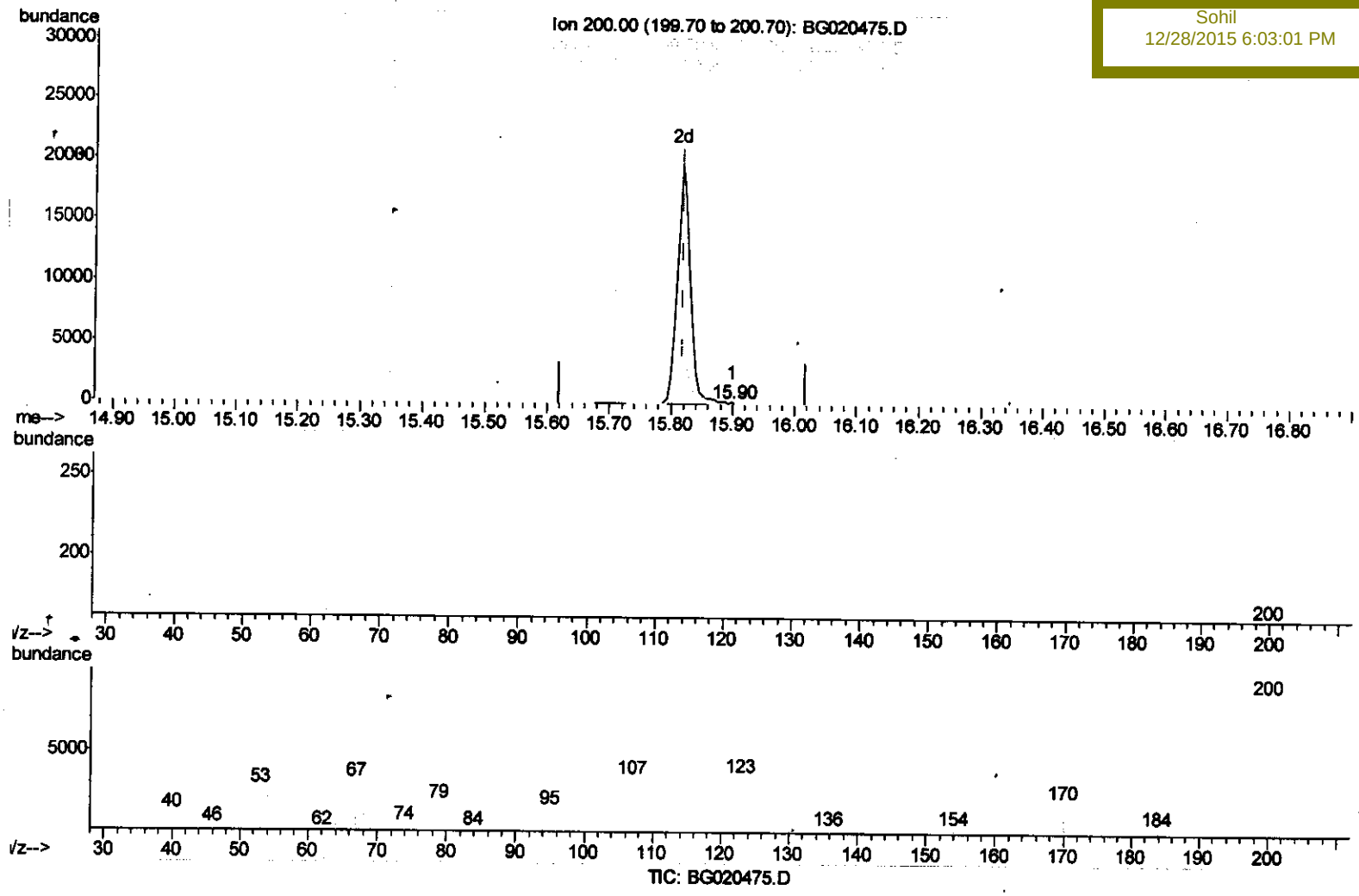


TIC: BG020475.D

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

15.899min (+0.079) 0.04ng/ul

response 57

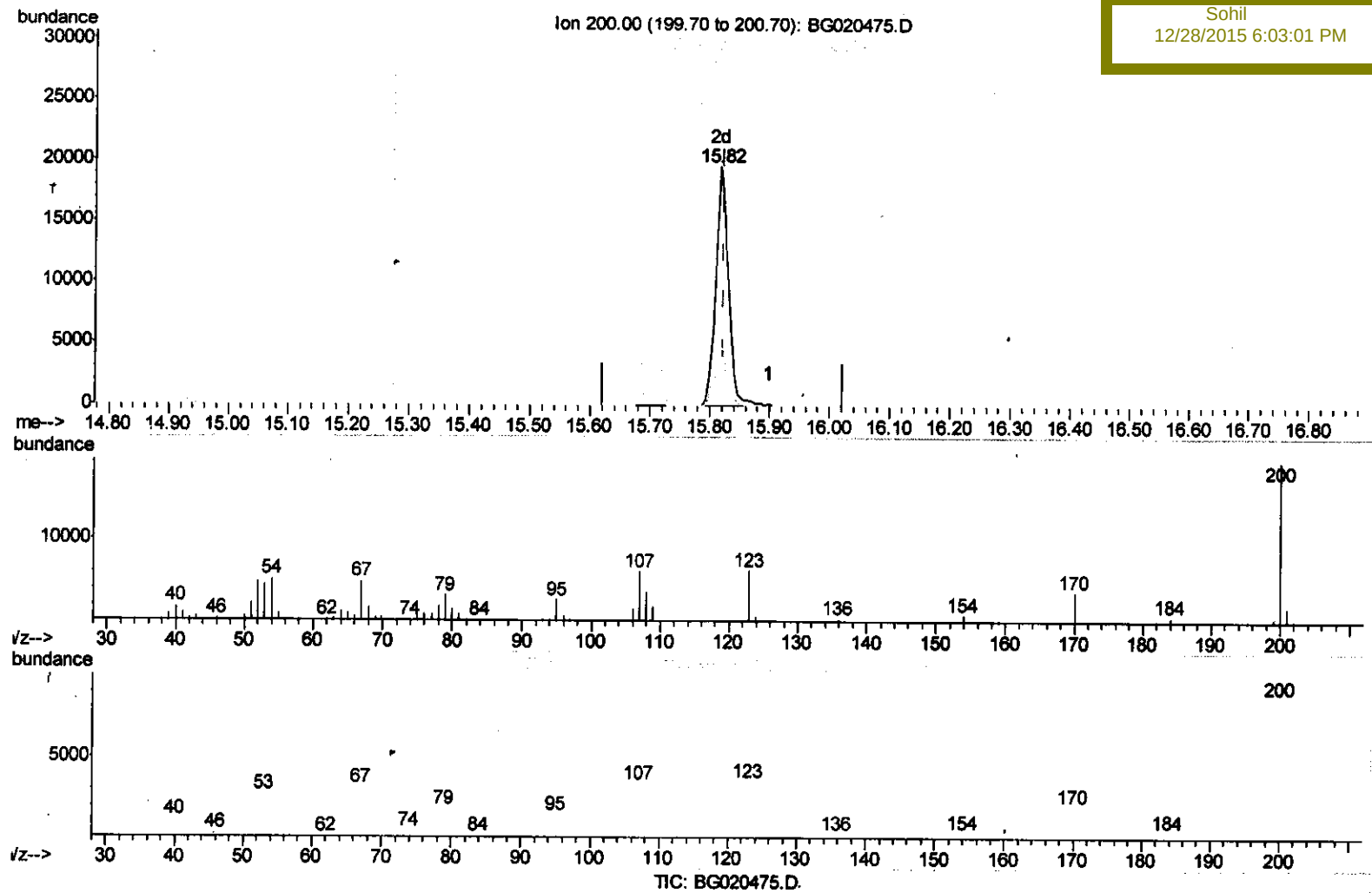
Ion	Exp%	Act%
200.00	100	100
170.00	19.50	0.00#
52.00	37.90	0.00#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\Data\BG122415\
Data File : BG020475.D
Acq On : 24 Dec 2015 16:29
Operator : UM/SJ
Sample : PB87437BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 28 11:55:34 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 25 02:19:33 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SBLK37

Manual Integrations APPROVED
Sohil
12/28/2015 6:03:01 PM



TIC: BG020475.D

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

15.816min (-0.006) 33.45ng/ul m U.M 12/25/15

response 28982

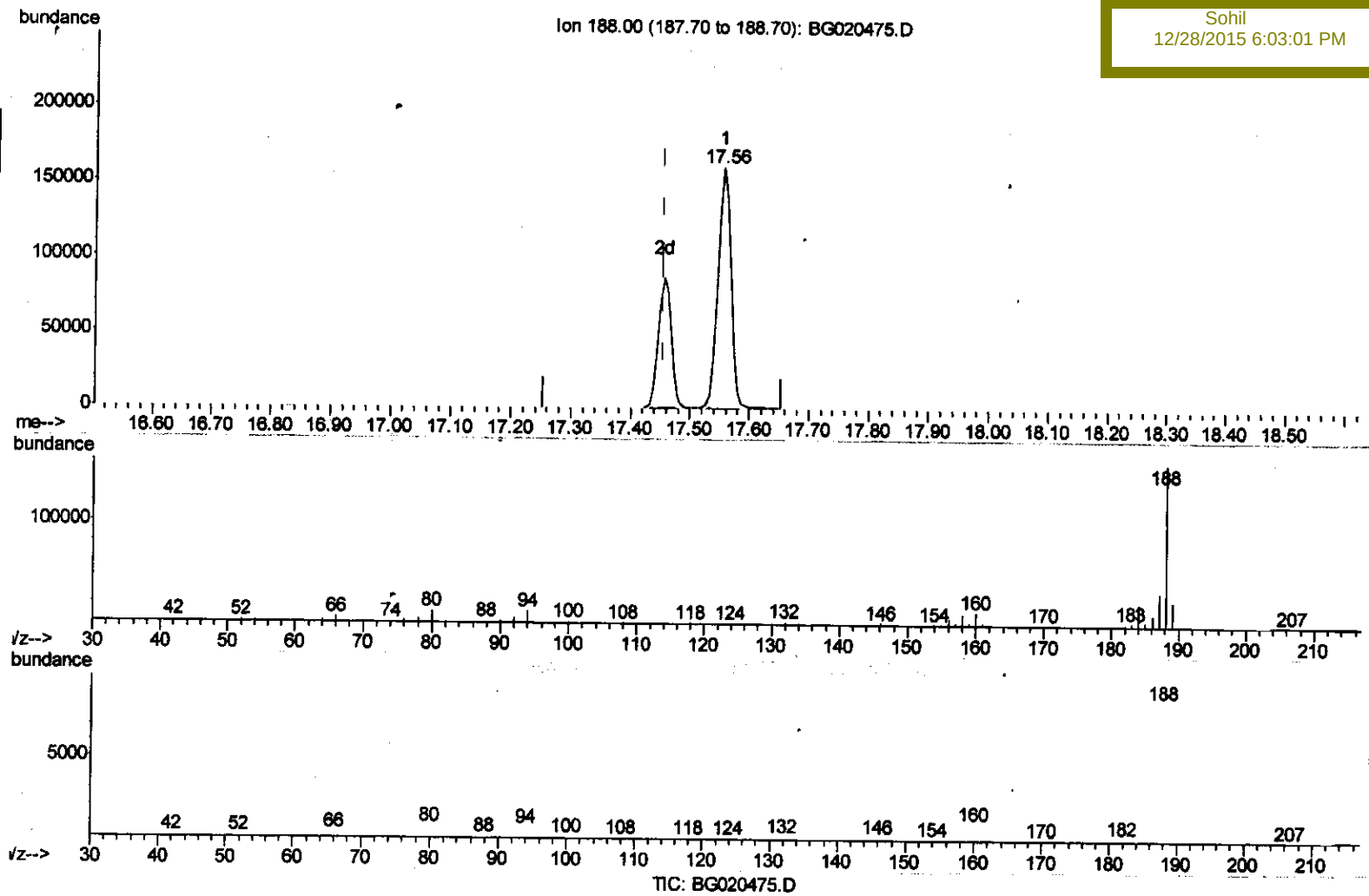
Ion	Exp%	Act%
200.00	100	100
170.00	19.50	18.63
52.00	37.90	24.95#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG122415\
Data File : BG020475.D
Acq On : 24 Dec 2015 16:29
Operator : UM/SJ
Sample : PB87437BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 25 02:29:07 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 25 02:19:33 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SBLK37

Manual Integrations APPROVED
Sohil
12/28/2015 6:03:01 PM



(62) Phenanthrene-d10 (I)

17.556min (+0.100) 20.00ng/ul

response 242928

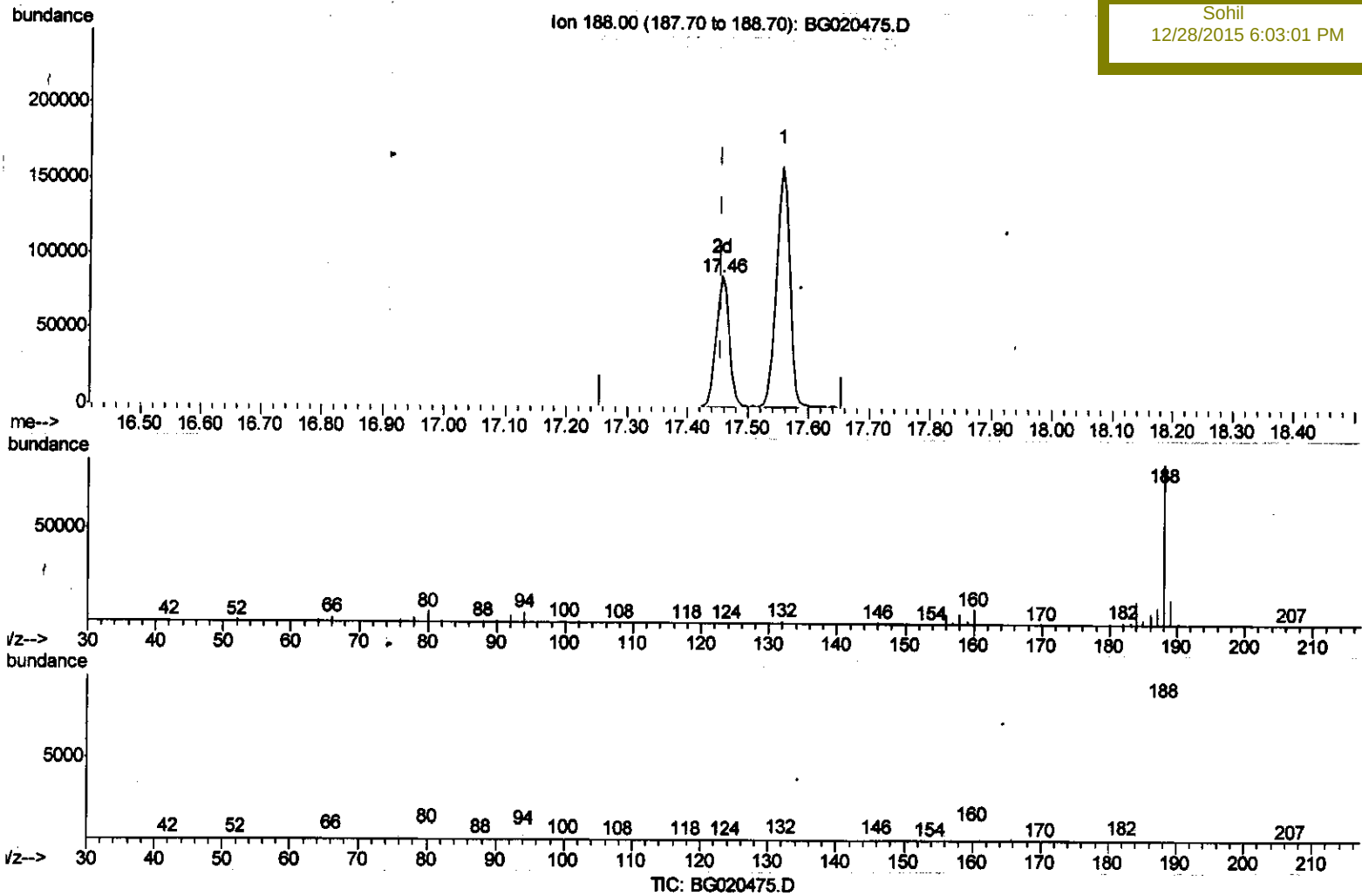
Ion	Exp%	Act%
188.00	100	100
94.00	6.90	7.55
80.00	8.90	7.34
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG122415\
Data File : BG020475.D
Acq On : 24 Dec 2015 16:29
Operator : UM/SJ
Sample : PB87437BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 25 02:29:07 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 25 02:19:33 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SBLK37

Manual Integrations APPROVED
Sohil
12/28/2015 6:03:01 PM



(62) Phenanthrene-d10 (I)

17.456min (+0.000) 20.00ng/ul m

response 130719

U.M
12/25/15

Ion	Exp%	Act%
188.00	100	100
94.00	6.90	6.57
80.00	8.90	6.72#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122415\
Data File : BG020475.D
Acq On : 24 Dec 2015 16:29
Operator : UM/SJ
Sample : PB87437BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 28 11:55:34 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 25 02:19:33 2015
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : SBLK37

Manual Integrations APPROVED
Sohil
12/28/2015 6:03:01 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	15927	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	67124	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	48550	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	130719m	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	168443	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	165213	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	2314	8.01	ng/uL	0.00
5) Phenol-d5	7.23	99	47197	36.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	30955	40.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	39093	39.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	40361	37.53	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	21271	40.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	24802	41.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	43706	37.75	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	57878	43.75	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	165330	41.31	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	183373	39.55	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	24203	36.28	ng/ul	0.00
58) Fluorene-d10	15.70	176	142082	39.26	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	28982m	33.45	ng/ul	0.00
71) Anthracene-d10	17.56	188	242473	39.60	ng/ul	0.00
79) Pyrene-d10	19.84	212	302637	41.50	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	339688	40.67	ng/ul	0.00

U.M
12/25/15

Target Compounds	Qvalue

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