

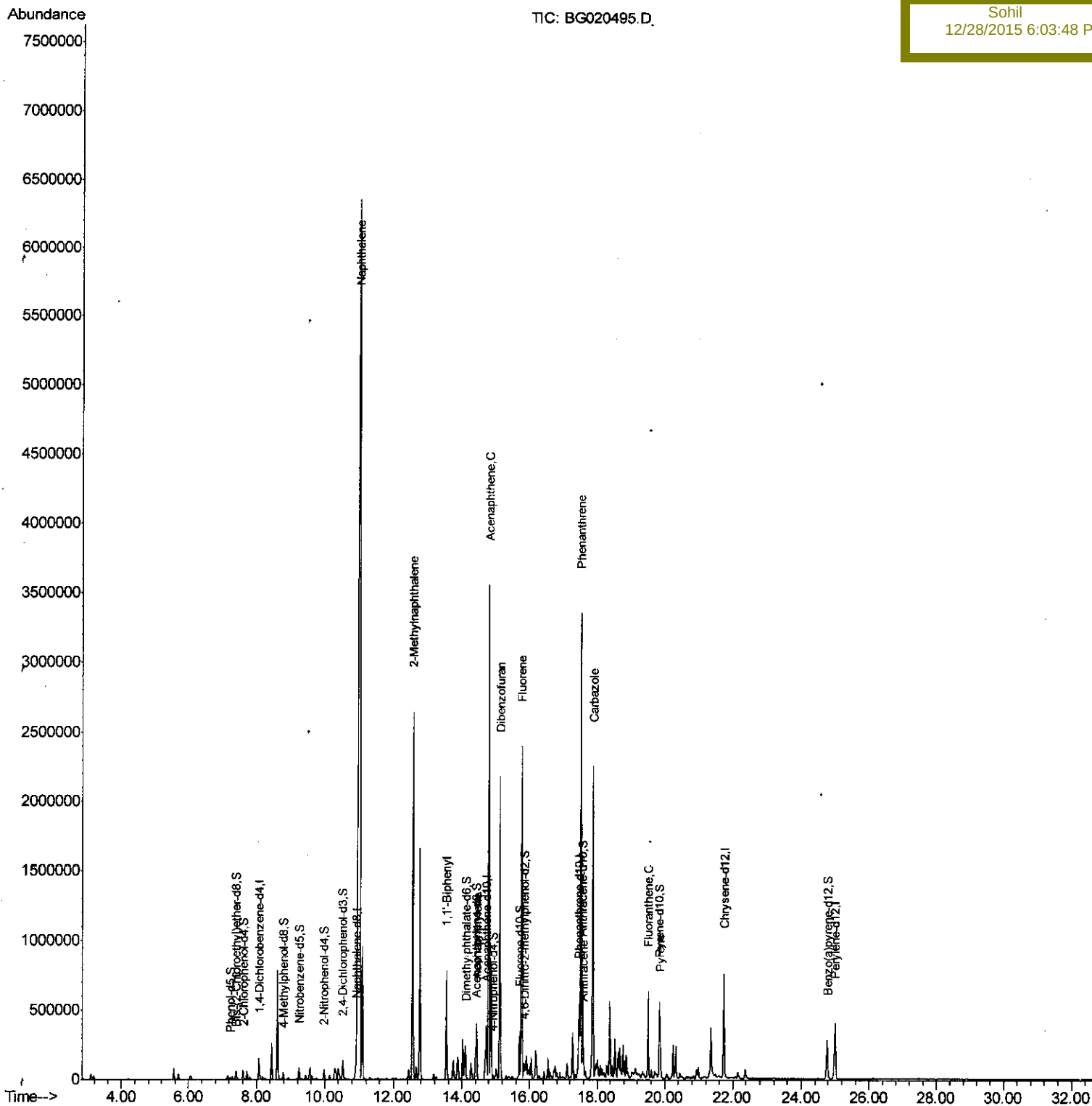
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122415\
Data File : BG020495.D
Acq On : 25 Dec 2015 5:43
Operator : UM/SJ
Sample : G4846-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 25 23:13:58 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 :
D9N49

Manual Integrations
APPROVED

Sohil
12/28/2015 6:03:48 PM

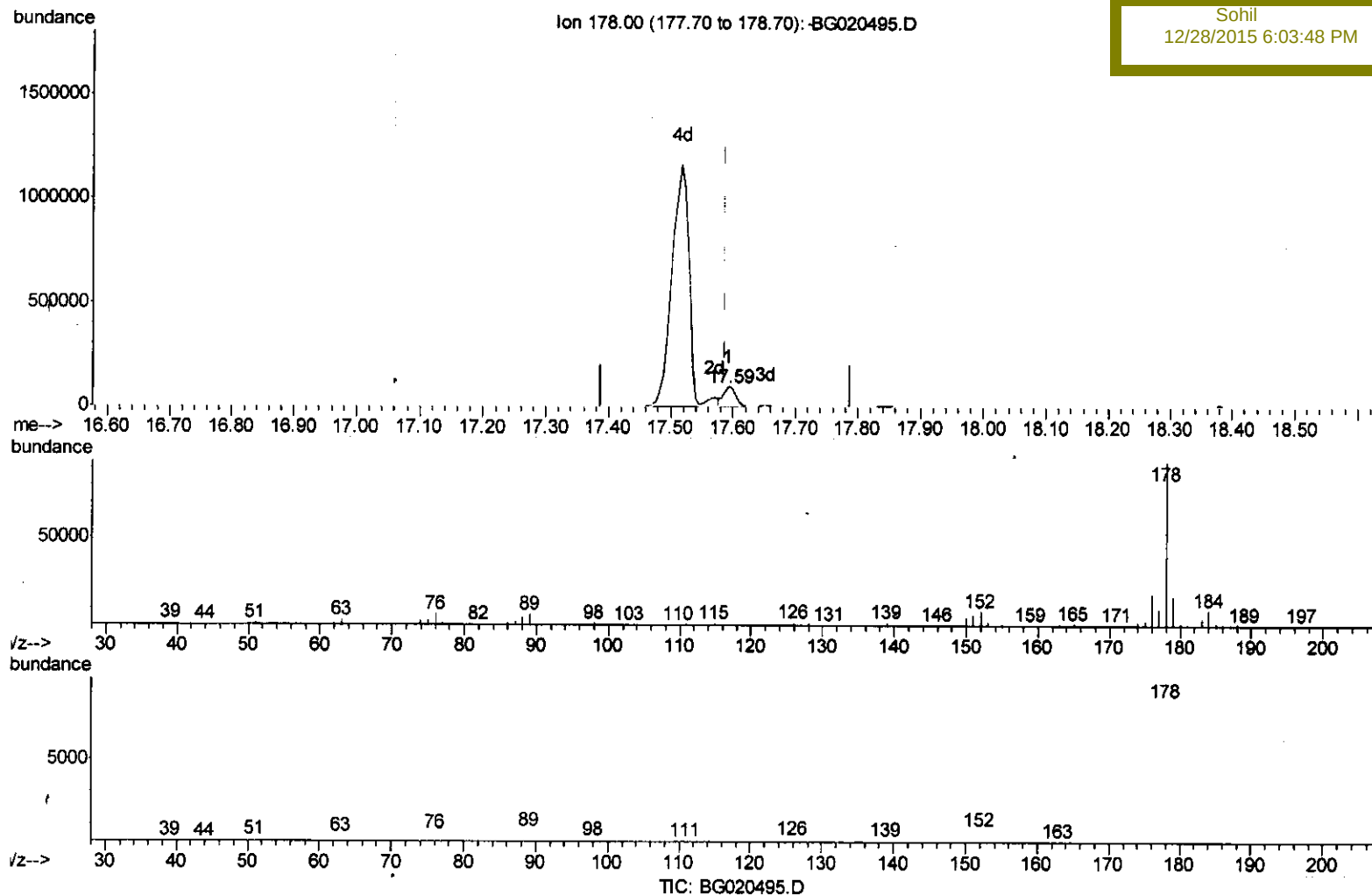


Data Path : Z:\HPCHEM1\BNA G\DATA\BG122415\
 Data File : BG020495.D
 Acq On : 25 Dec 2015 5:43
 Operator : UM/SJ
 Sample : G4846-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 25 07:51:02 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
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Manual Integrations
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 Sohil
 12/28/2015 6:03:48 PM



(72) Anthracene

17.593min (+0.005) 6.30ng/ul

response 133449

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	17.76
176.00	17.90	19.11
0.00	0.00	0.00

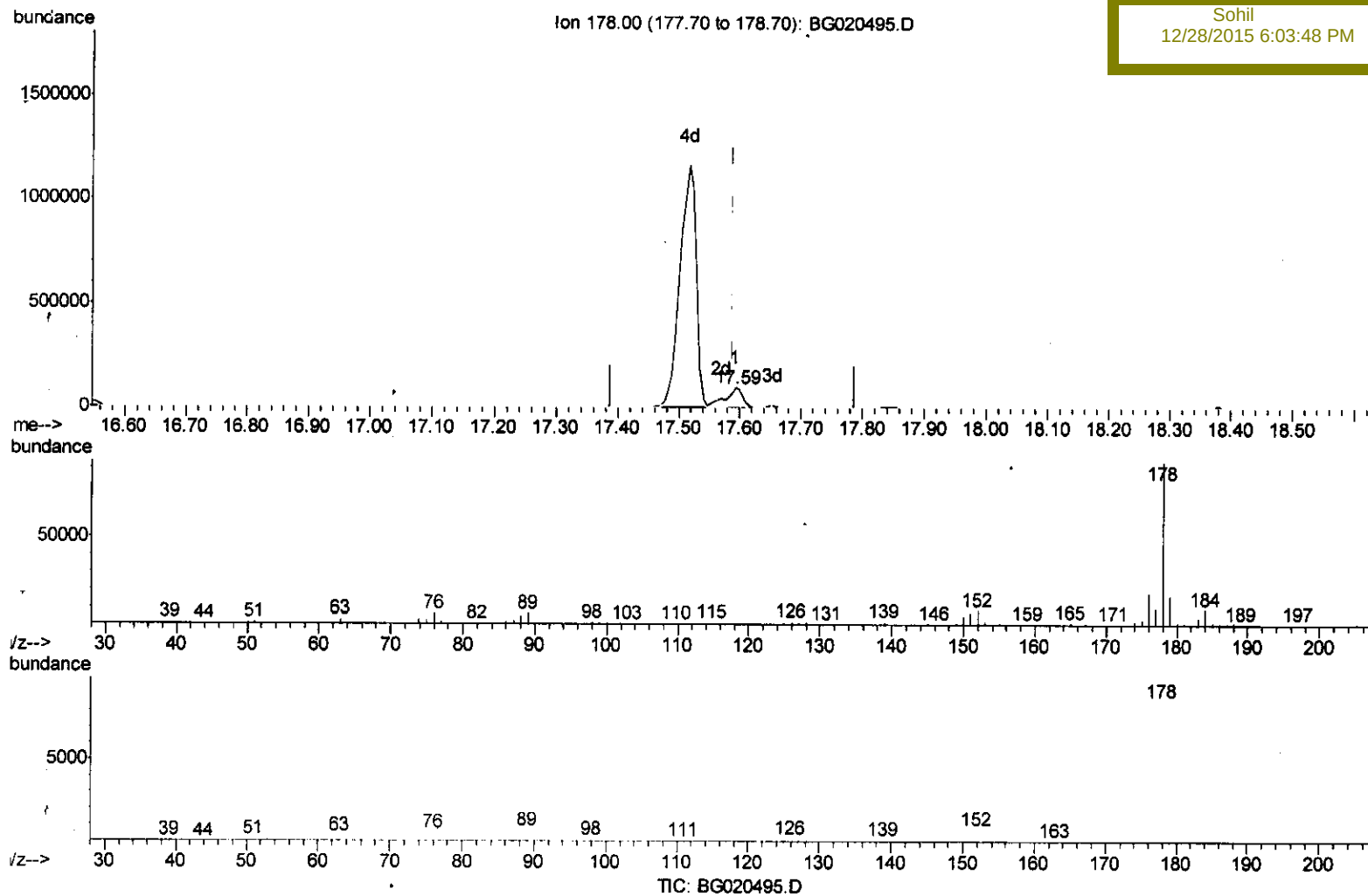
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 Data File : BG020495.D
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 Operator : UM/SJ
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Manual Integrations
 APPROVED

Sohil
 12/28/2015 6:03:48 PM



(72) Anthracene

17.593min (+0.005) 9.01ng/ul m

response 190981

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	17.76
176.00	17.90	19.11
0.00	0.00	0.00

U.M
 12/25/15

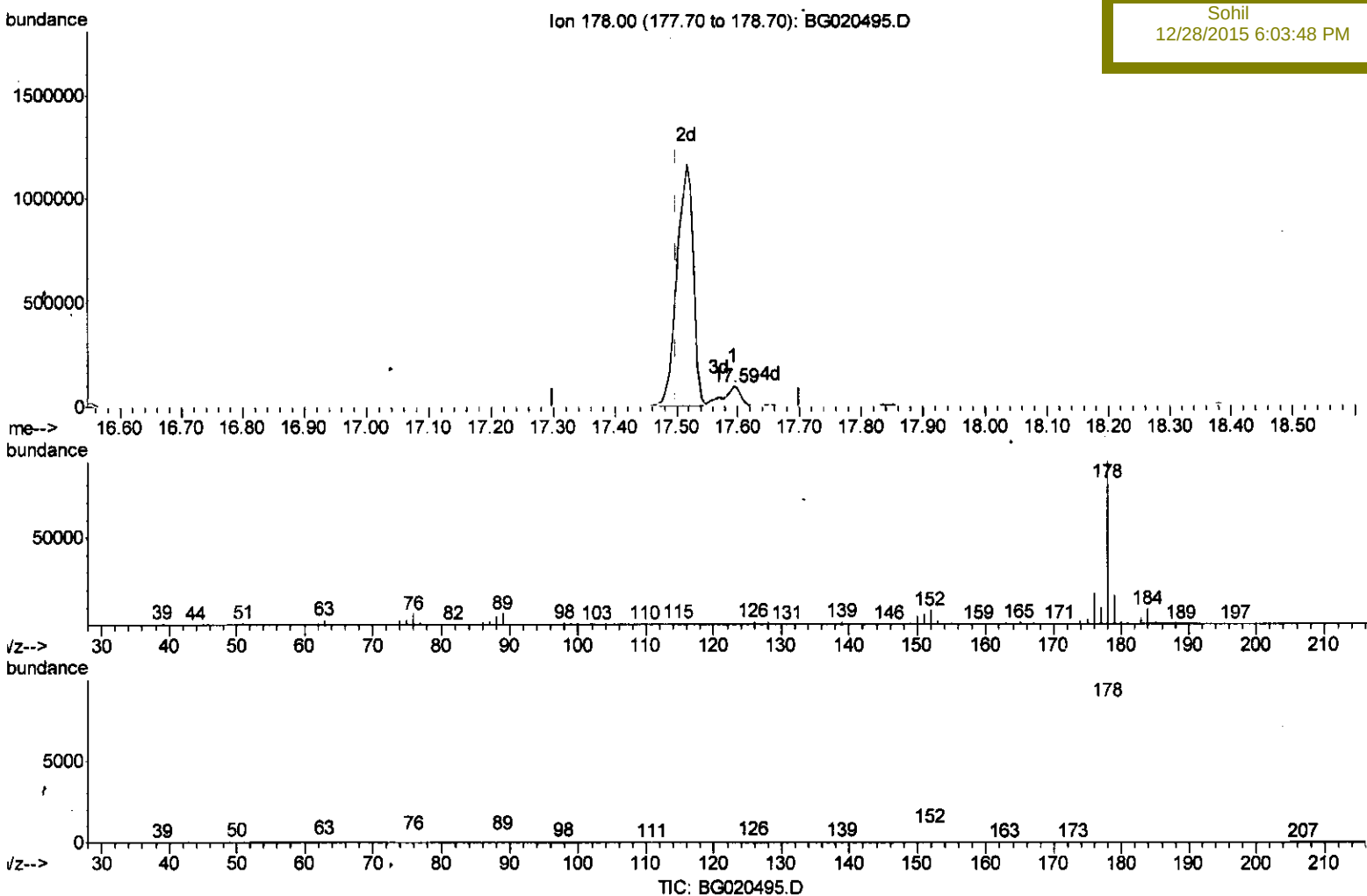
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Manual Integrations
 APPROVED

Sohil
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(70) Phenanthrene

17.593min (+0.093) 6.42ng/ul

response 133105

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	17.76
176.00	19.10	19.11
0.00	0.00	0.00

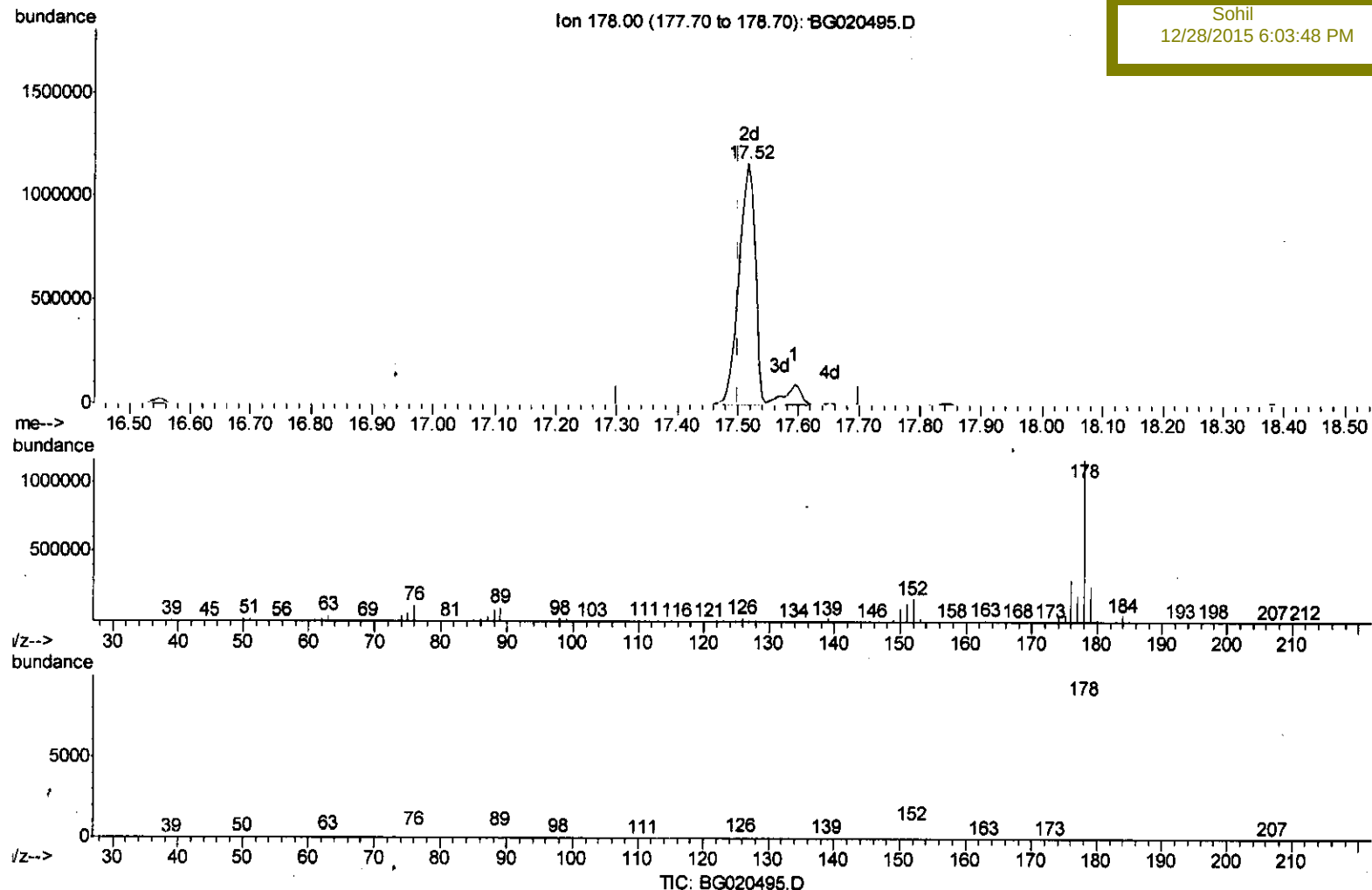
Data Path : Z:\HPCHEM1\BNA G\DATA\BG122415\
 Data File : BG020495.D
 Acq On : 25 Dec 2015 5:43
 Operator : UM/SJ
 Sample : G4846-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 25 07:51:02 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
 Quant Title : SVOA CALIBRATION
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Instrument :
 BNA_G
 ClientSampleId :
 D9N49

Manual Integrations
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Sohil
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(70) Phenanthrene

17.517min (+0.017) 104.68ng/ul m

response 2168806

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	21.66#
176.00	19.10	26.25#
0.00	0.00	0.00

U.M
 12/25/15

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Operator : UM/SJ
Sample : G4846-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

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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	8.08	152	46497	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	212443	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.71	164	150133	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	372355	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	458564	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	444800	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	387	0.46	ng/uL	0.00
5) Phenol-d5	7.24	99	10534	2.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	30592	13.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	31724	11.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	21408	6.82	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	22535	13.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	25959	13.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	44902	12.25	ng/ul	0.01
29) 4-Chloroaniline-d4	11.05	131	2150	0.51	ng/ul	0.02
44) Dimethylphthalate-d6	14.12	166	166140	13.43	ng/ul	0.01
47) Acenaphthylene-d8	14.41	160	193155	13.47	ng/ul	0.00
52) 4-Nitrophenol-d4	14.93	143	4787	2.32	ng/ul	0.00
58) Fluorene-d10	15.71	176	153493	13.72	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	27507	11.15	ng/ul	0.01
71) Anthracene-d10	17.56	188	239755	13.75	ng/ul	0.01
79) Pyrene-d10	19.84	212	284115	14.31	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	319956	14.23	ng/ul	0.00
Target Compounds						
28) Naphthalene	11.02	128	7366593	652.30	ng/ul#	50
34) 2-Methylnaphthalene	12.56	142	1337976	160.12	ng/ul	99
41) 1,1'-Biphenyl	13.55	154	423611	36.56	ng/ul	97
48) Acenaphthylene	14.44	152	249618	16.56	ng/ul	98
50) Acenaphthene	14.80	153	1697866	166.65	ng/ul	93
54) Dibenzofuran	15.12	168	1393871	91.96	ng/ul	92
59) Fluorene	15.77	166	1160517	94.48	ng/ul	97
70) Phenanthrene	17.52	178	2168806m→	104.68	ng/ul	} U.M 12/25/15
72) Anthracene	17.59	178	190981m→	9.01	ng/ul	
75) Carbazole	17.88	167	1662495	93.12	ng/ul#	
77) Fluoranthene	19.51	202	423183	16.24	ng/ul	
80) Pyrene	19.87	202	248130	9.57	ng/ul	

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