

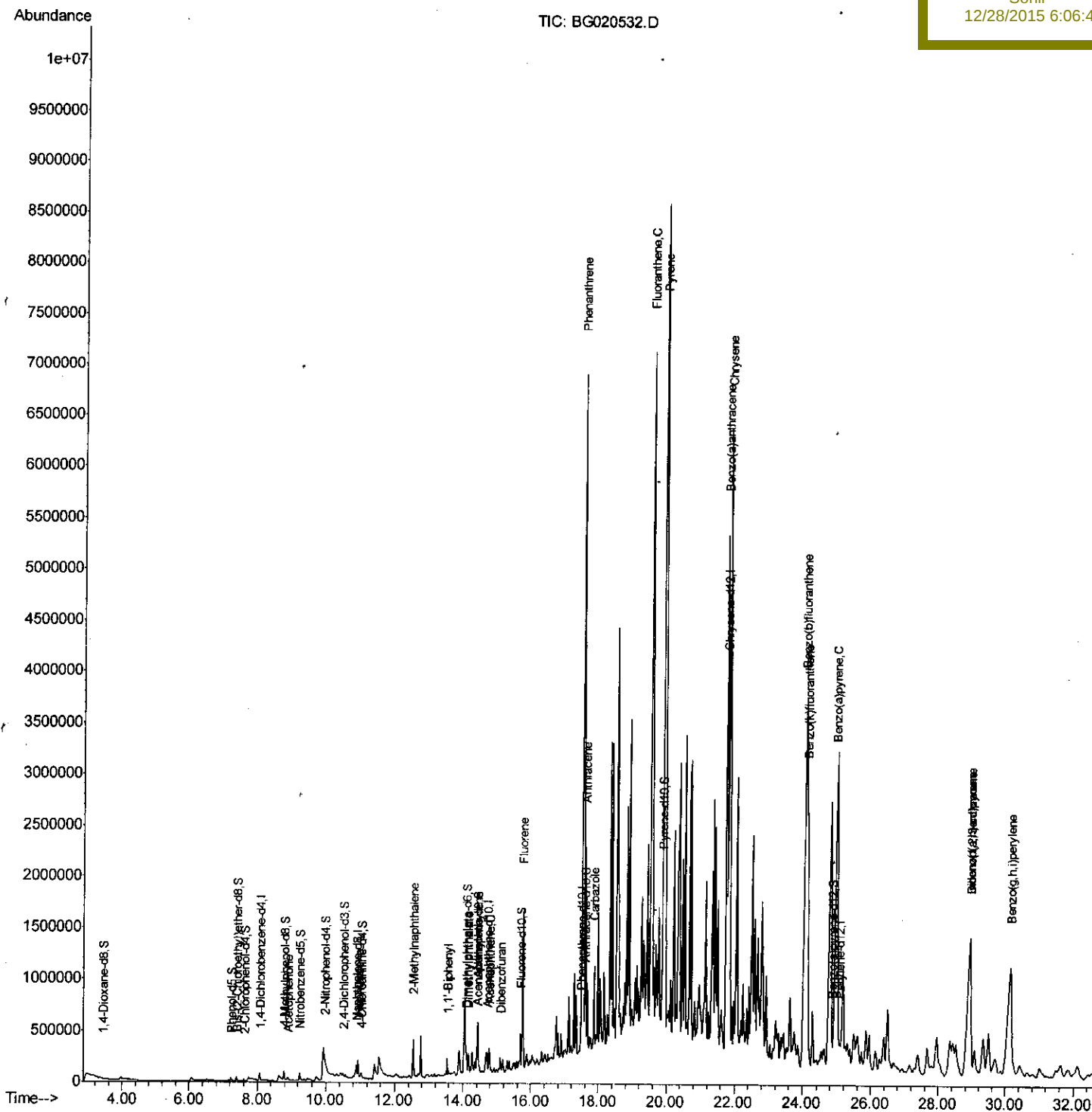
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122515\
Data File : BG020532.D
Acq On : 26 Dec 2015 9:36
Operator : UM/SJ
Sample : G4802-10
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
G9D85

Manual Integrations

Sohil
12/28/2015 6:06:40 PM

Quant Time: Dec 28 06:31:35 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 28 06:12:55 2015
Response via : Initial Calibration



Quantitation Report (Qedit)

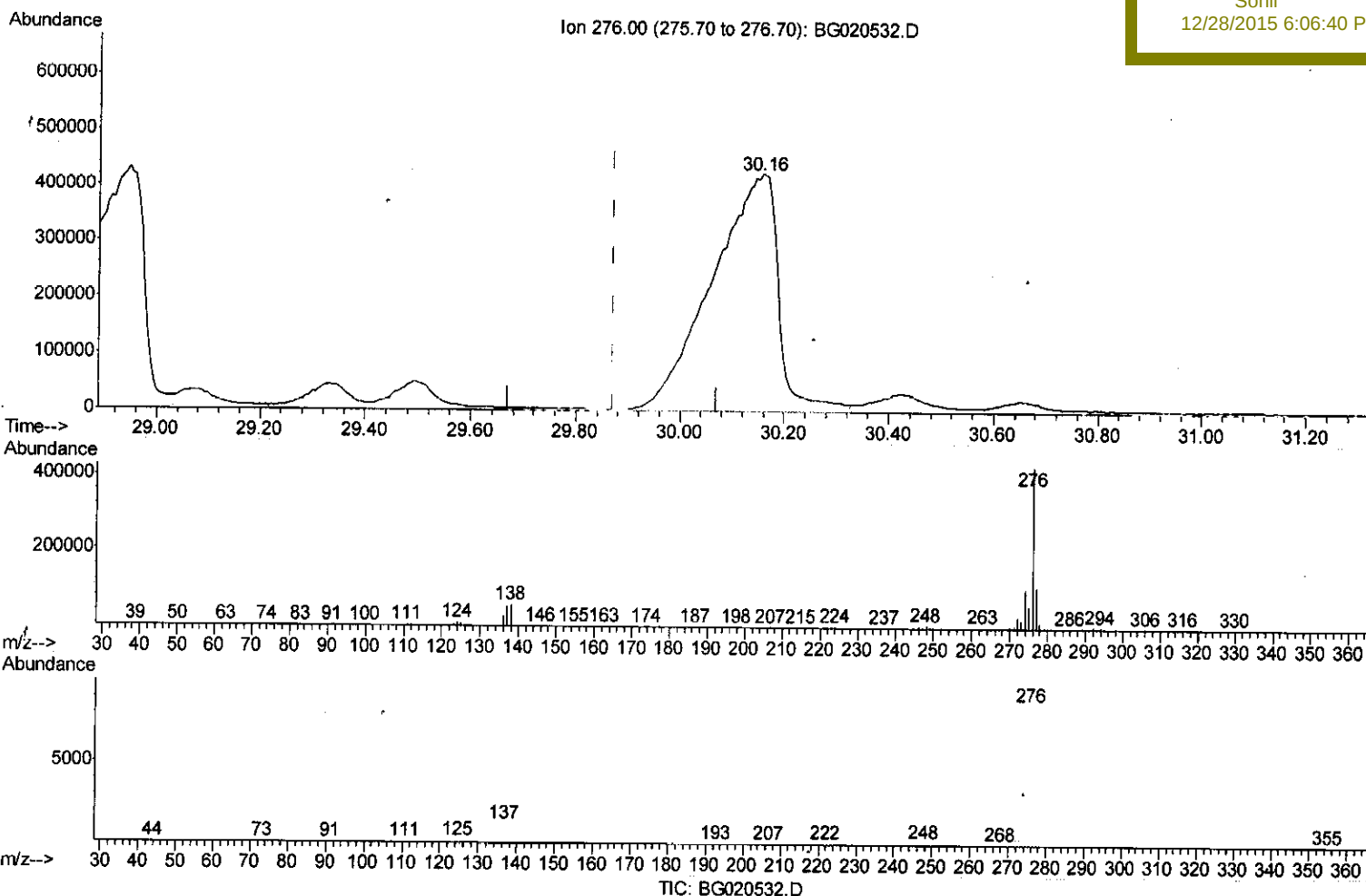
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Manual Integrations
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Sohil
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Quant Time: Dec 28 06:28:29 2015
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(94) Benzo(g,h,i)perylene

30.156min (+0.286) 360.53ng/ul m

response 3765997

Ion	Exp%	Act%
276.00	100	100
138.00	13.50	13.13
277.00	24.90	25.27
0.00	0.00	0.00

U.M
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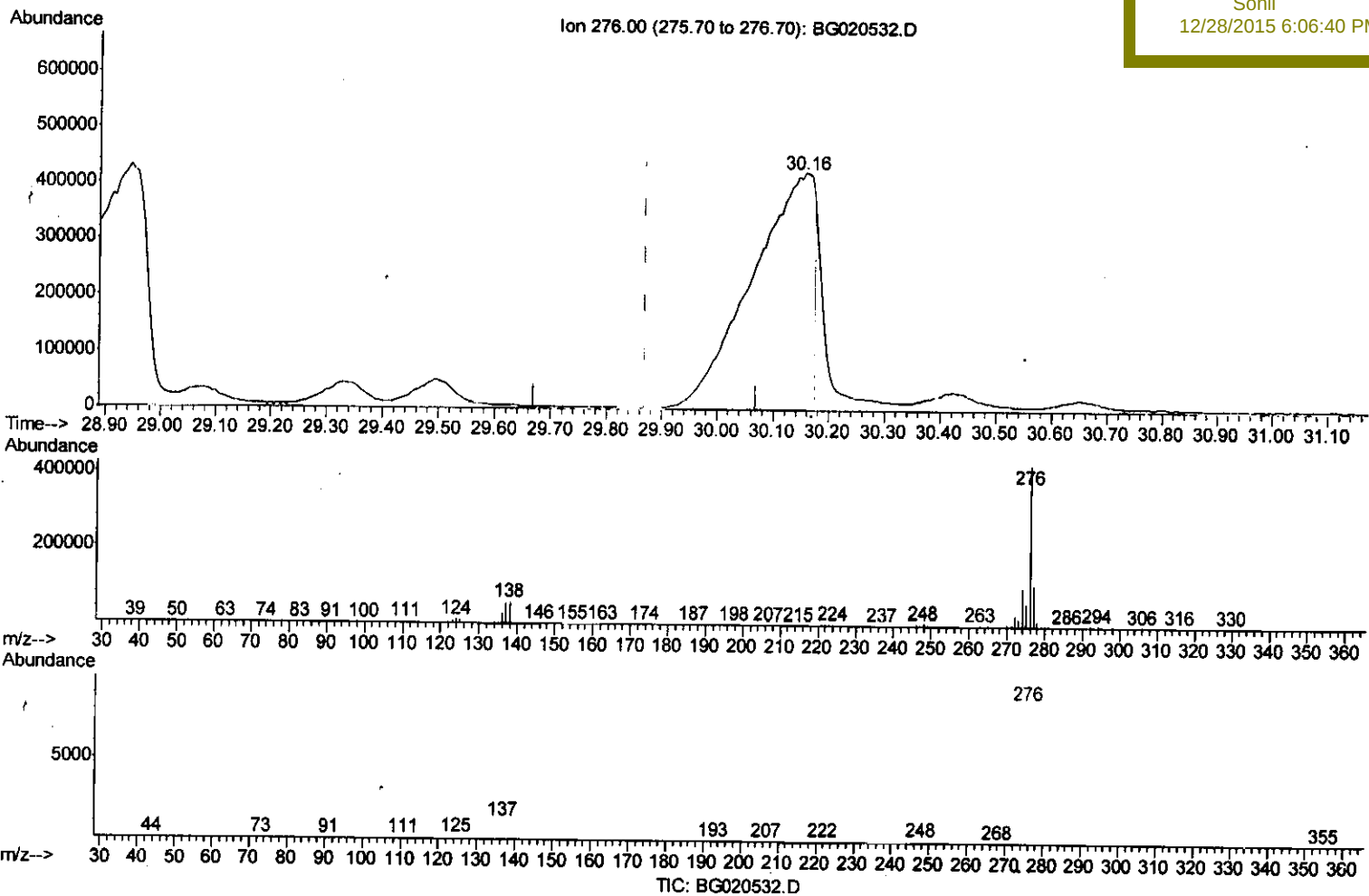
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Manual Integrations
APPROVED

Sohil
12/28/2015 6:06:40 PM



(94) Benzo(g,h,i)perylene

30.156min (+0.286) 311.68ng/ul

response 3255689

Ion	Exp%	Act%
276.00	100	100
138.00	13.50	13.13
277.00	24.90	25.27
0.00	0.00	0.00

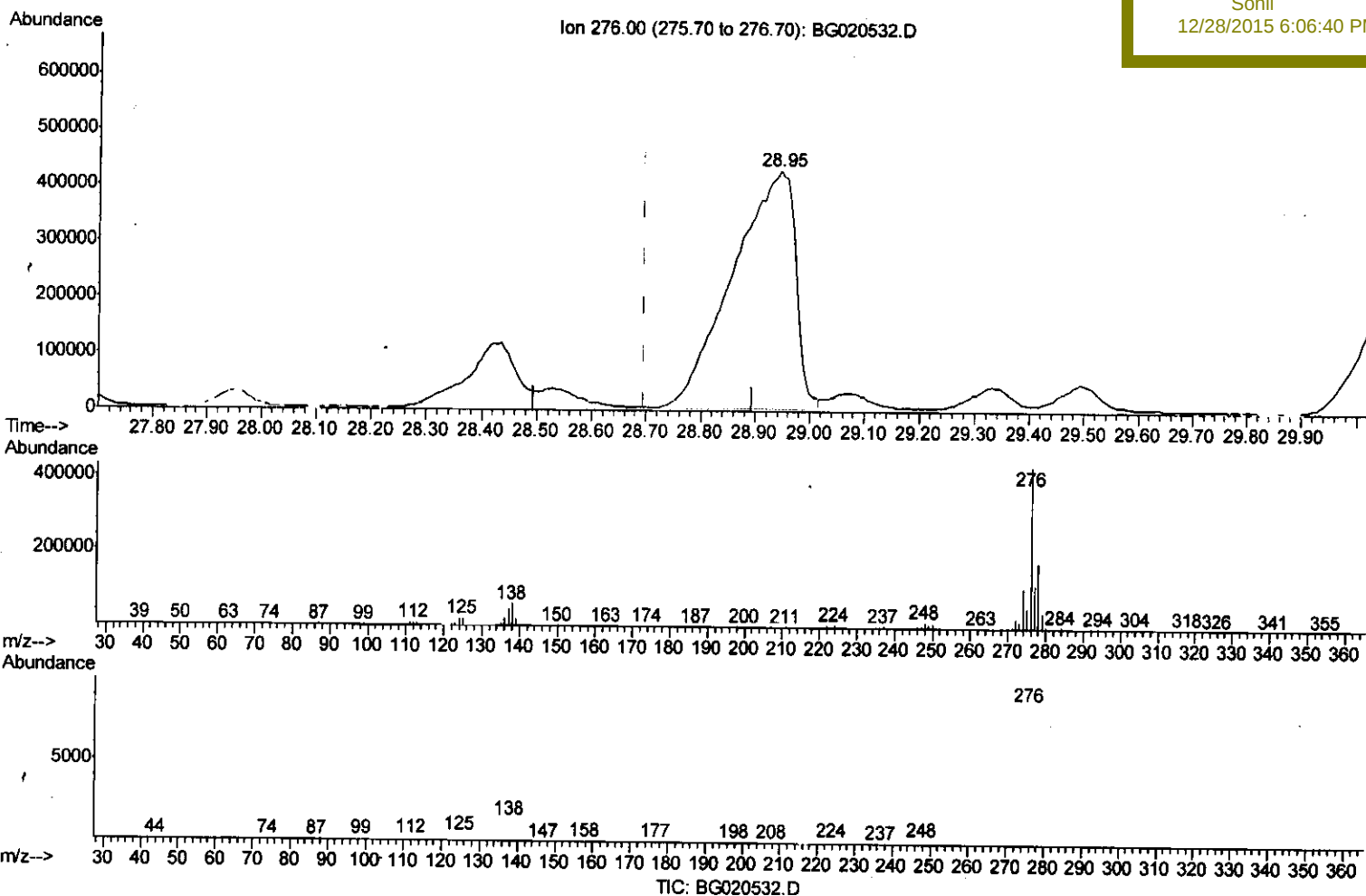
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Instrument :
 BNA_G
 ClientSampled :
 G9D85

Manual Integrations
 APPROVED

Sohil
 12/28/2015 6:06:40 PM



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

28.946min (+0.250) 266.57ng/ul m

response 3390273

Ion	Exp%	Act%
276.00	100	100
138.00	14.20	13.57
277.00	21.70	26.74#
0.00	0.00	0.00

U.M
 12/26/15

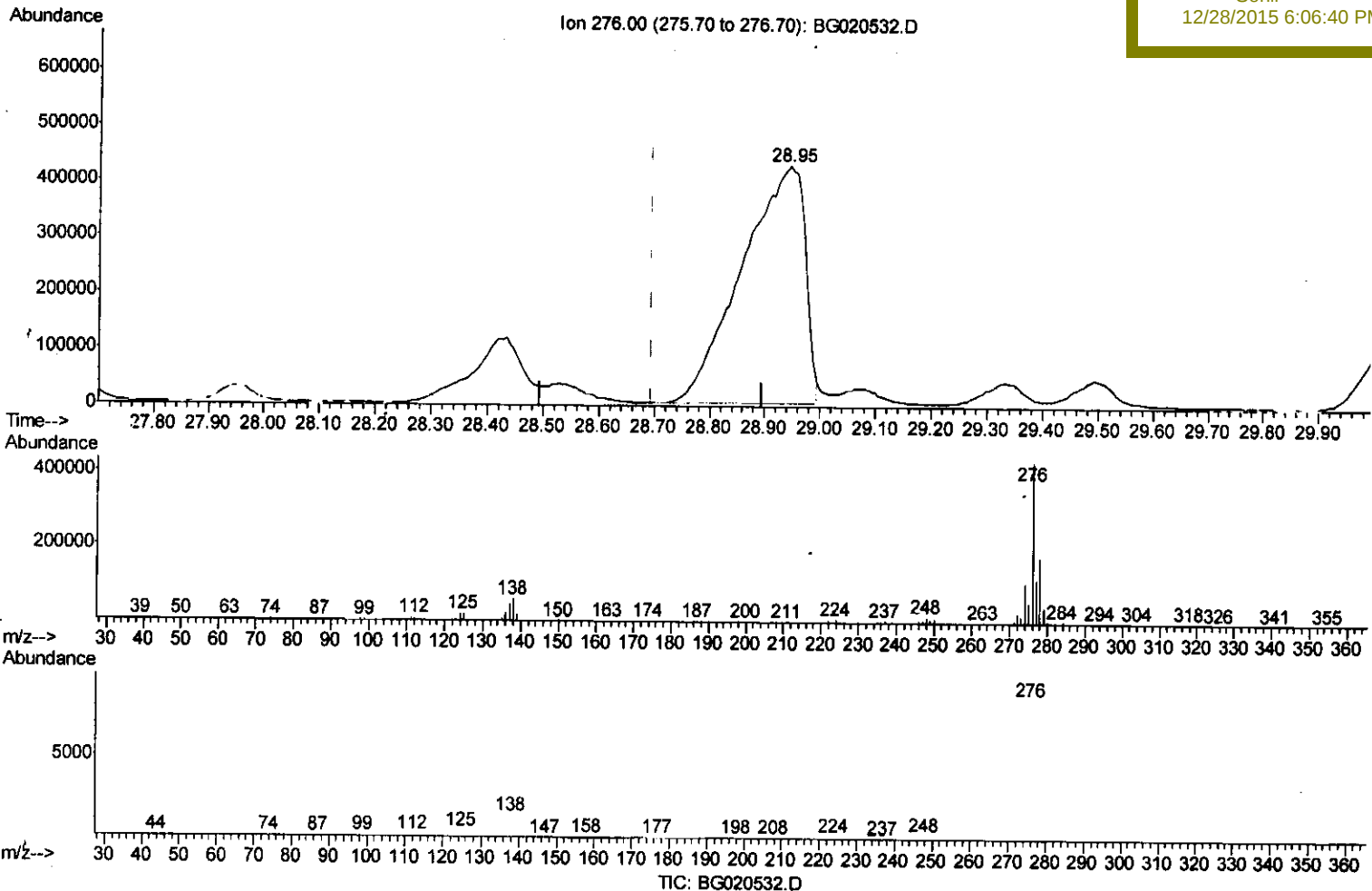
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122515\
Data File : BG020532.D
Acq On : 26 Dec 2015 9:36
Operator : UM/SJ
Sample : G4802-10
Misc :
ALS Vial : 69 Sample Multiplier: 1

Quant Time: Dec 28 06:28:29 2015
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Instrument :
BNA_G
ClientSampleId :
G9D85

Manual Integrations
APPROVED

Sohil
12/28/2015 6:06:40 PM



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

28.946min (+0.250) 263.86ng/ul

response 3355837

Ion	Exp%	Act%
276.00	100	100
138.00	14.20	13.57
277.00	21.70	26.74#
0.00	0.00	0.00

Quantitation Report (Qedit)

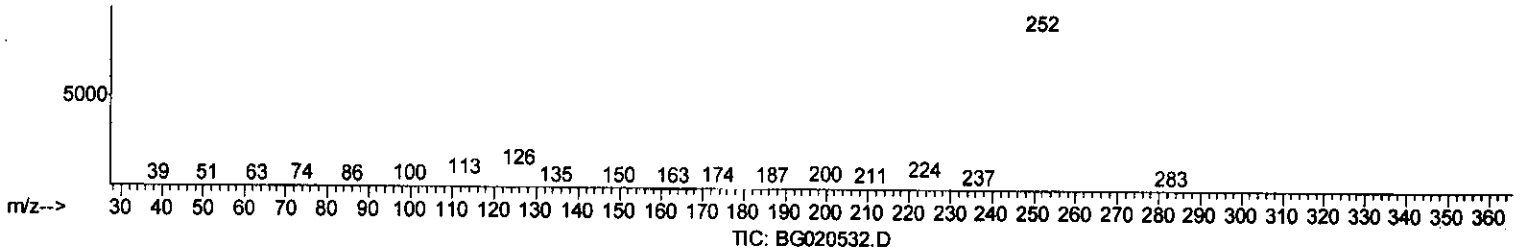
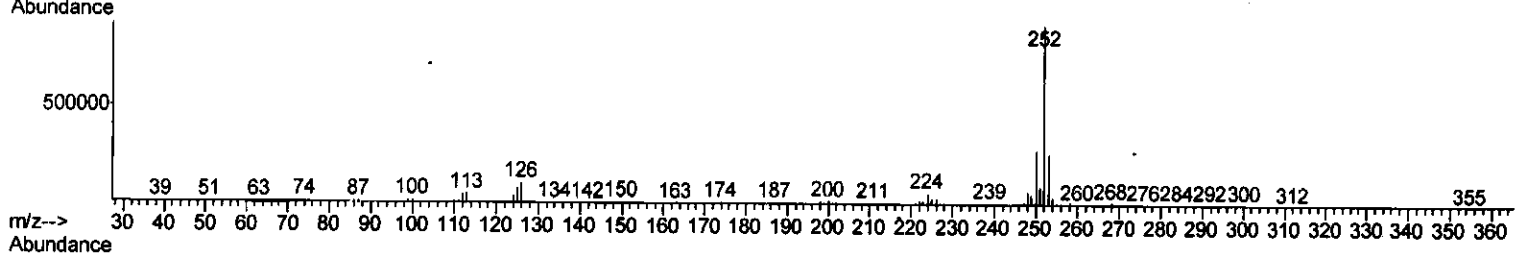
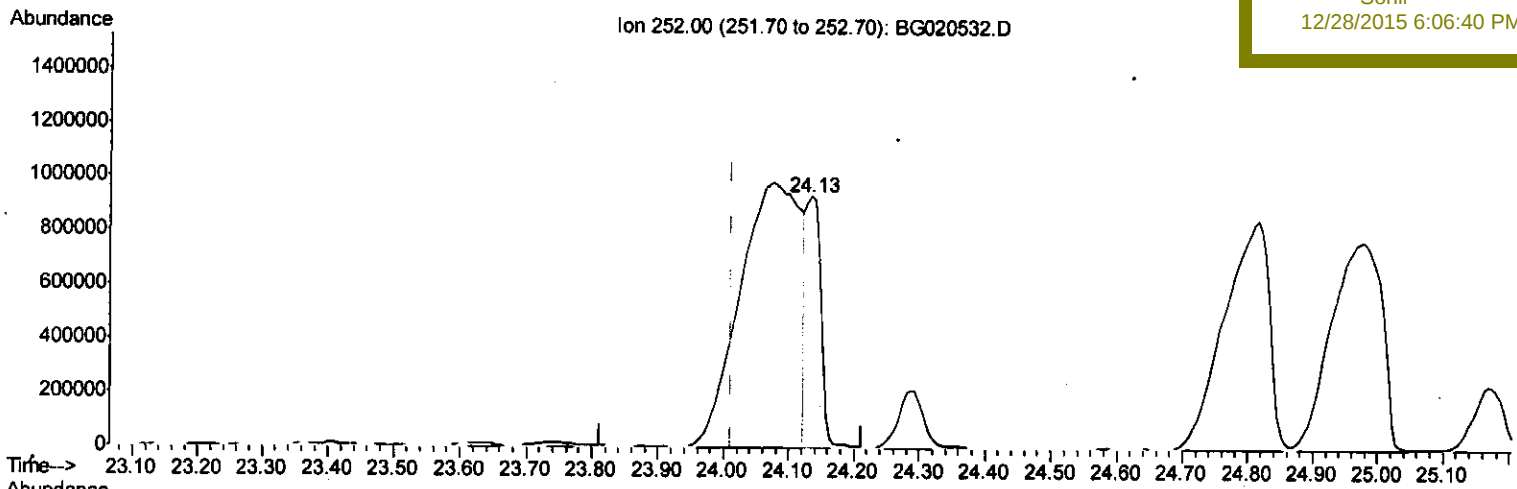
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122515\
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 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_G
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 G9D85

Manual Integrations
 APPROVED

Sohil
 12/28/2015 6:06:40 PM

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(89) Benzo(k)fluoranthene

24.134min (+0.121) 134.61ng/ul m

response 1437510

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	28.40#
125.00	7.20	7.95
0.00	0.00	0.00

U.M
 12/26/15

Quantitation Report (Qedit)

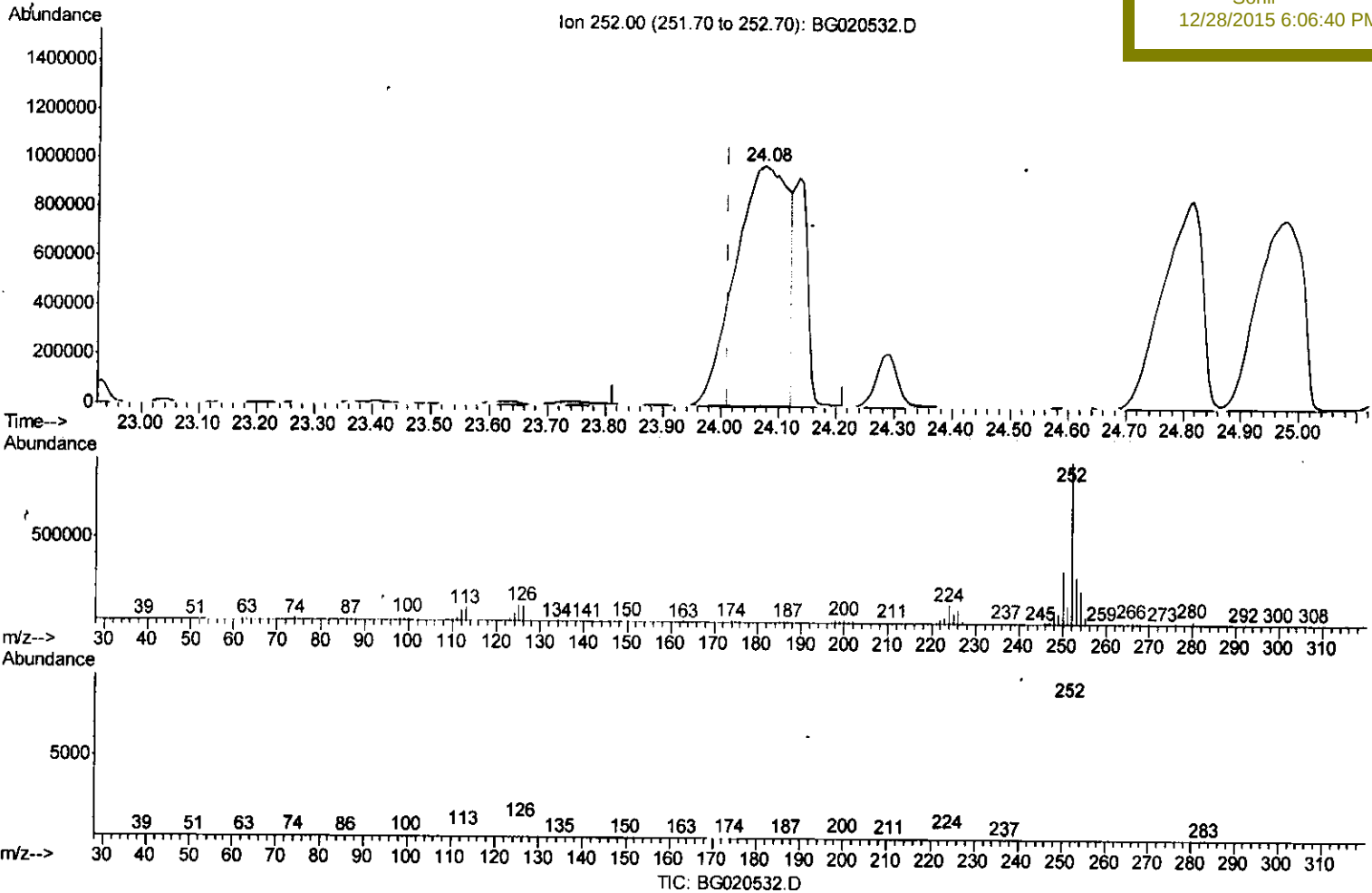
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122515\
 Data File : BG020532.D
 Acq On : 26 Dec 2015 9:36
 Operator : UM/SJ
 Sample : G4802-10
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Quant Time: Dec 28 06:28:29 2015
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Instrument :
 BNA_G
 ClientSampleId :
 G9D85

Manual Integrations
 APPROVED

Sohil
 12/28/2015 6:06:40 PM



(89) Benzo(k)fluoranthene

24.075min (+0.062) 585.21ng/ui

response 6249642

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	28.62#
125.00	7.20	9.49#
0.00	0.00	0.00

Quantitation Report (Qedit)

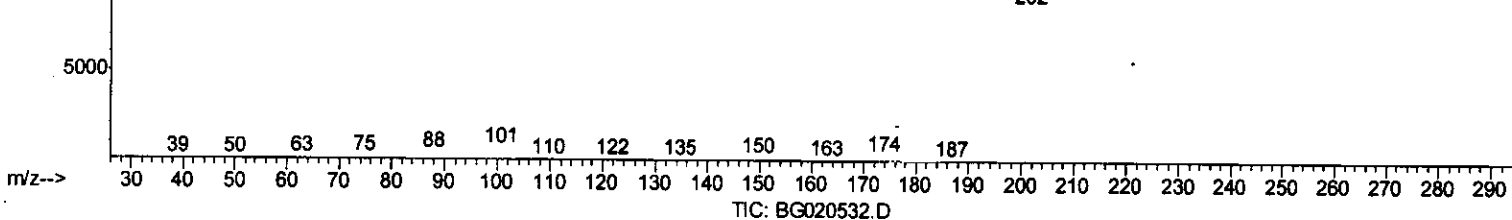
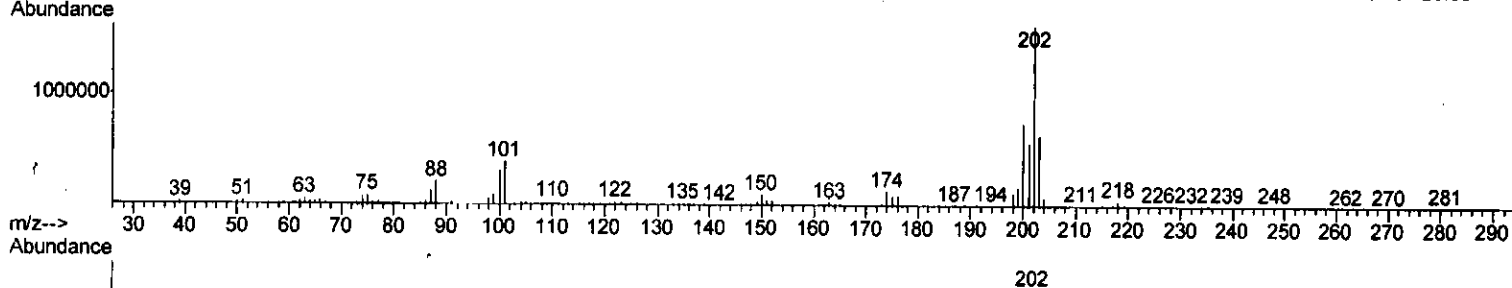
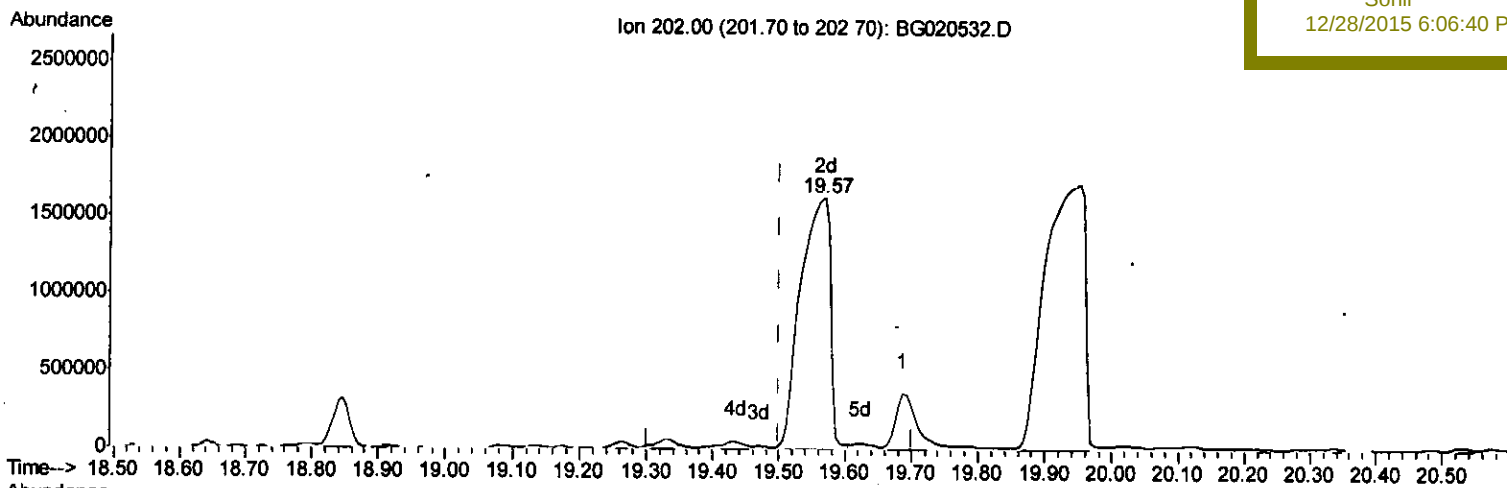
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122515\
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 Misc :
 ALS Vial : 69 Sample Multiplier: 1

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Instrument :
 BNA_G
 ClientSampled :
 G9D85

Manual Integrations
 APPROVED

Sohil
 12/28/2015 6:06:40 PM



(77) Fluoranthene (C)

19.569min (+0.068) 519.99ng/ul m

response 5053811

Ion	Exp%	Act%
202.00	100	100
101.00	7.80	23.89#
100.00	6.40	19.41#
0.00	0.00	0.00

U. m
 12/26/15

Quantitation Report (Qedit)

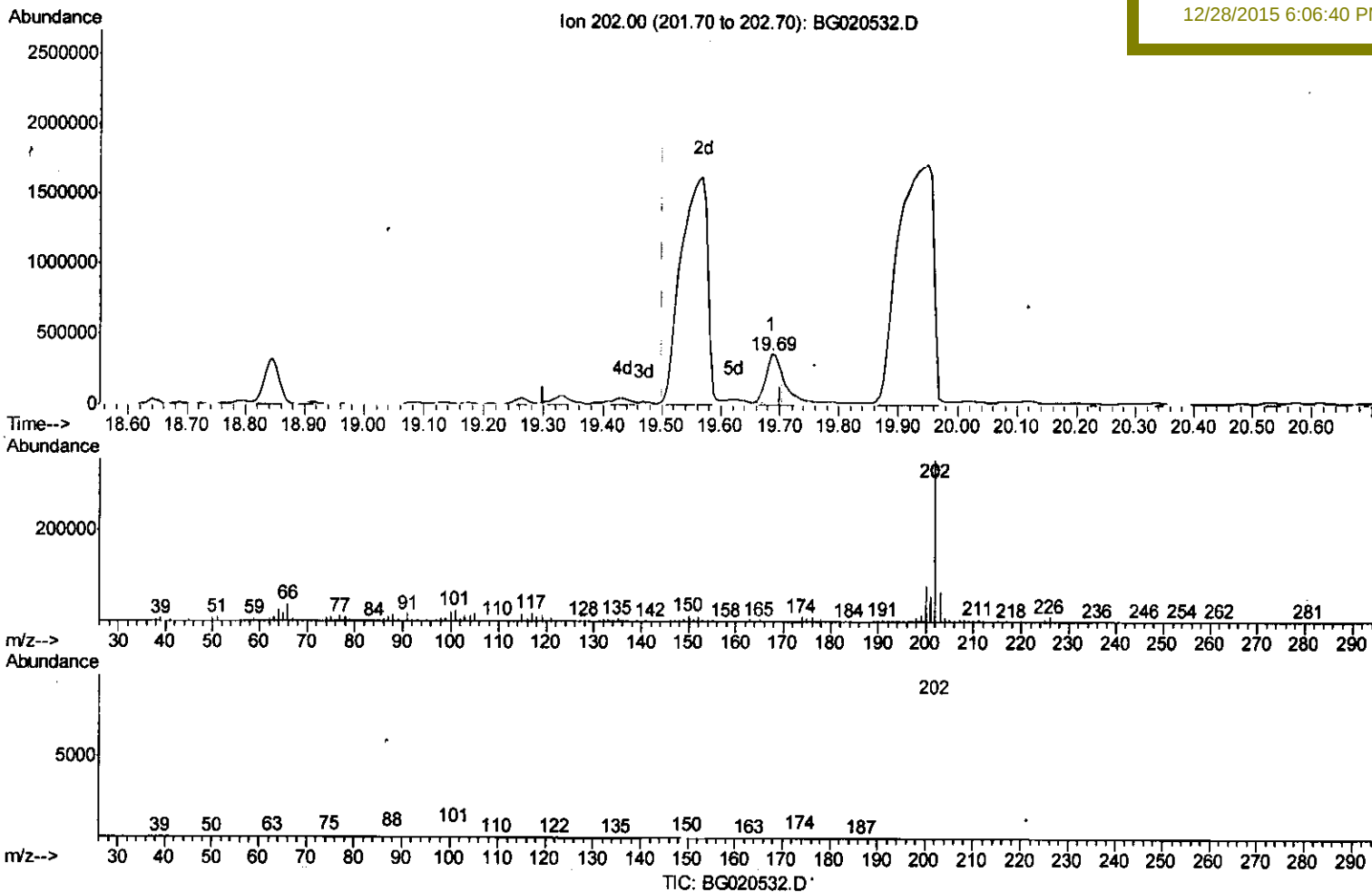
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122515\
 Data File : BG020532.D
 Acq On : 26 Dec 2015 . 9:36
 Operator : UM/SJ
 Sample : G4802-10
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Quant Time: Dec 28 06:28:29 2015
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Instrument :
 BNA_G
 Client Sample ID :
 G9D85

Manual Integrations
 APPROVED

Sohil
 12/28/2015 6:06:40 PM



(77) Fluoranthene (C)

19.686min (+0.186) 60.28ng/ul

response 585888

Ion	Exp%	Act%
202.00	100	100
101.00	7.80	7.20
100.00	6.40	5.38
0.00	0.00	0.00

Quantitation Report (Qedit)

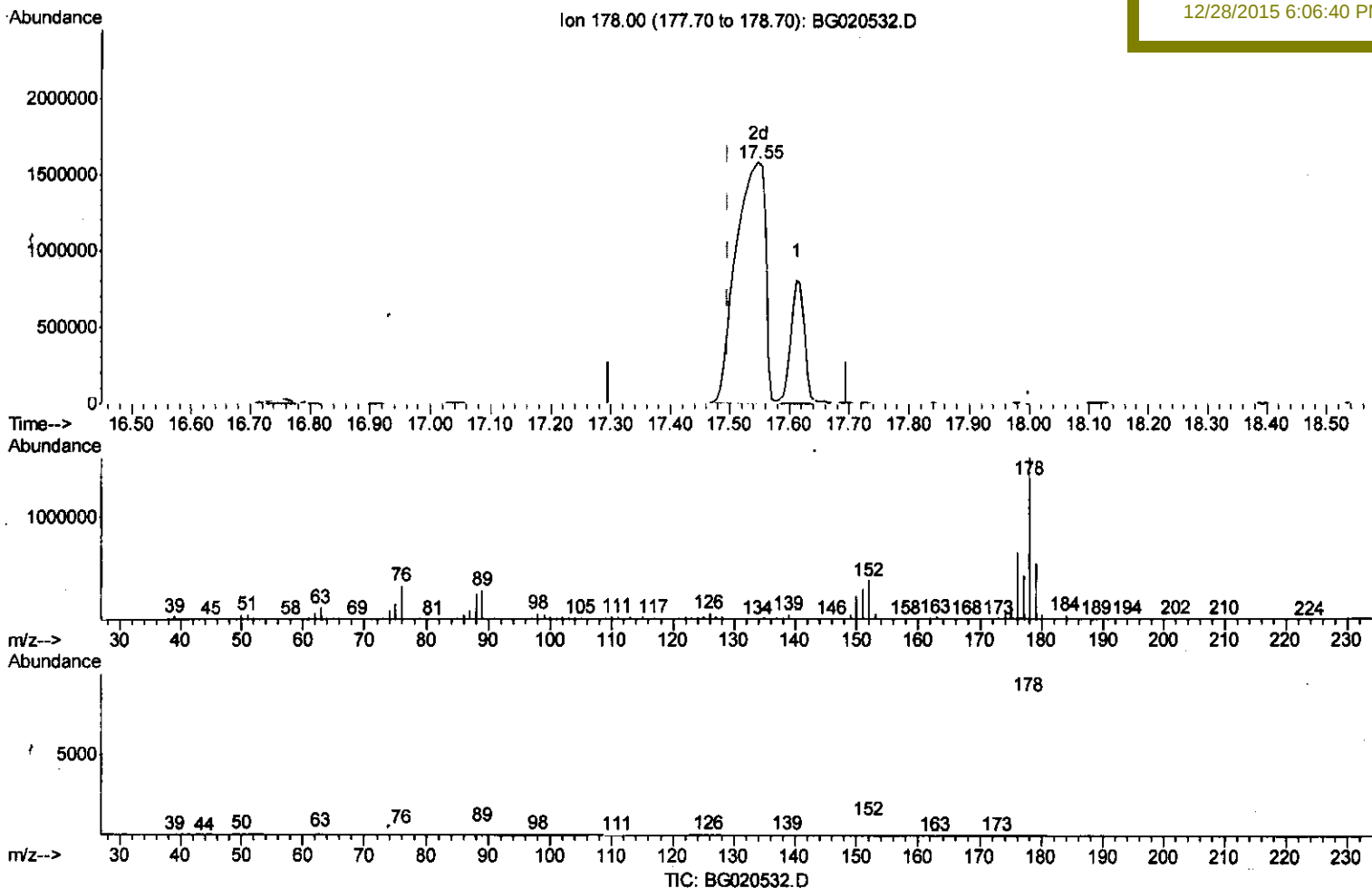
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122515\
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 Sample : G4802-10
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 ALS Vial : 69 Sample Multiplier: 1

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Instrument :
 BNA_G
 ClientSampleId :
 G9D85

Manual Integrations
 APPROVED

Sohil
 12/28/2015 6:06:40 PM



(70) Phenanthrene

17.548min (+0.051) 695.07ng/ul m

response 5371835

Ion Exp% Act%

178.00 100 100

179.00 16.10 34.08#

176.00 19.10 41.33#

0.00 0.00 0.00

Quantitation Report (Qedit)

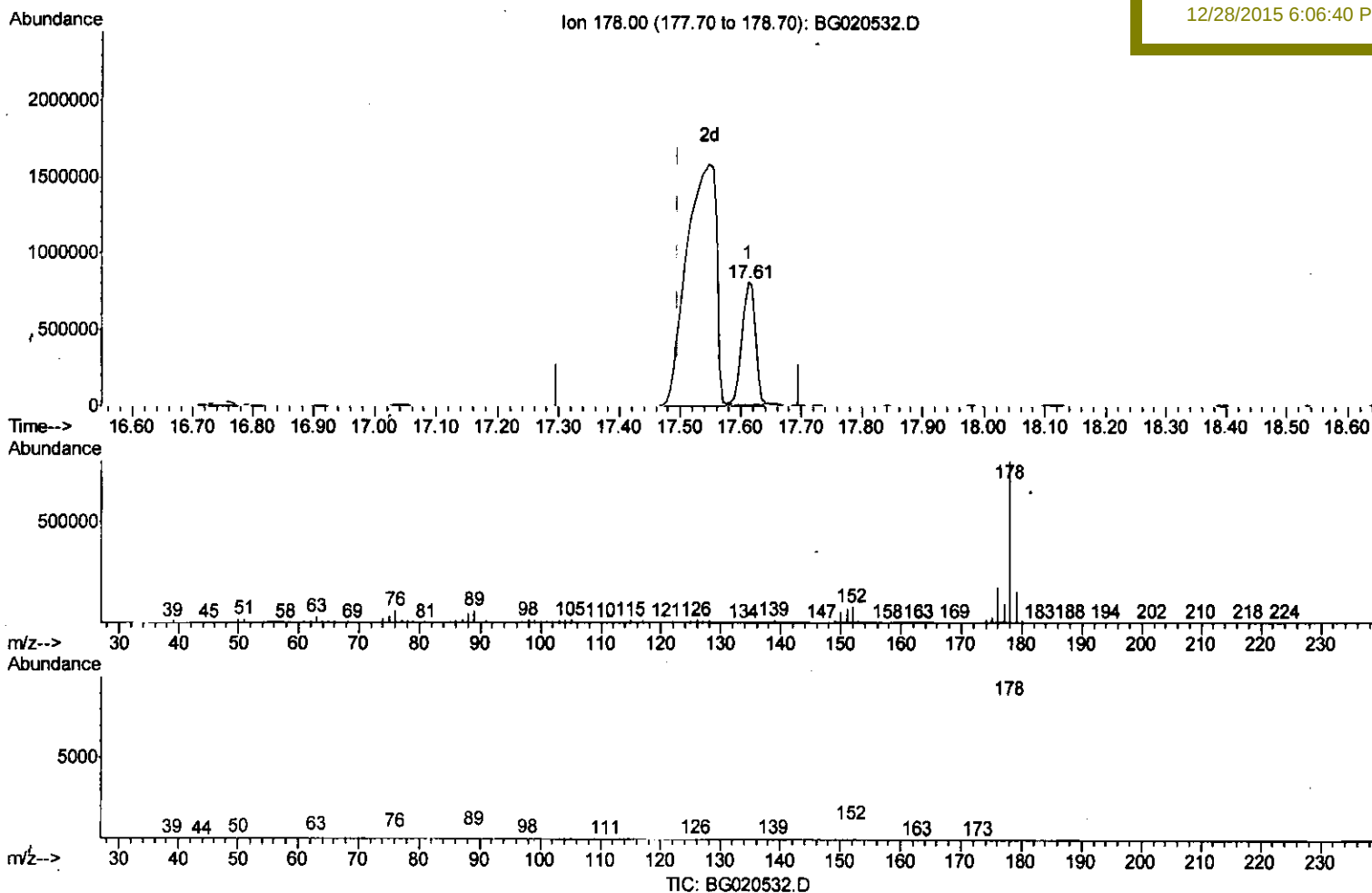
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 Acq On : 26 Dec 2015 9:36
 Operator : UM/SJ
 Sample : G4802-10
 Misc :
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Instrument :
 BNA_G
 ClientSampleId :
 G9D85

Manual Integrations
 APPROVED

Sohil
 12/28/2015 6:06:40 PM



(70) Phenanthrene

17.612min (+0.115) 156.73ng/ul

response 1211294

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	19.06
176.00	19.10	21.74
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG122515\
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 ALS Vial : 69 Sample Multiplier: 1

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Manual Integrations
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 12/28/2015 6:06:40 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	20986	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	89786	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	63133	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	138900	20.00	ng/ul	0.02
78) Chrysene-d12	21.79	240	179624	20.00	ng/ul	0.06
86) Perylene-d12	25.09	264	184054	20.00	ng/ul	0.10

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.44	96	987	2.59	ng/uL	0.00
5) Phenol-d5	7.23	99	22335	13.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	22753	22.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	10151	7.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	31761	22.42	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	17890	25.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	2382	2.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	8587	5.54	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	26610	15.04	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	120182	23.10	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	151560	25.14	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.70	176	118549	25.19	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.58	188	178384	27.42	ng/ul	0.03
79) Pyrene-d10	19.87	212	214016	27.52	ng/ul	0.04
90) Benzo(a)pyrene-d12	24.86	264	247719	26.62	ng/ul	0.10

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Acetophenone	8.90	105	16056	7.07	ng/ul	91
28) Naphthalene	10.94	128	137193	28.74	ng/ul	97
34) 2-Methylnaphthalene	12.54	142	139797	39.58	ng/ul	97
41) 1,1'-Biphenyl	13.54	154	91527	18.78	ng/ul	97
45) Dimethylphthalate	14.16	163	50466	9.54	ng/ul#	88
48) Acenaphthylene	14.44	152	361192	57.00	ng/ul	97
50) Acenaphthene	14.77	153	87072	20.32	ng/ul	96
54) Dibenzofuran	15.10	168	33963	5.33	ng/ul	93
59) Fluorene	15.76	166	750173	145.23	ng/ul	98
70) Phenanthrene	17.55	178	5371835m	95.07	ng/ul	
72) Anthracene	17.61	178	1211294	153.27	ng/ul#	91
75) Carbazole	17.86	167	14604	2.19	ng/ul#	66
77) Fluoranthene	19.57	202	5053811m	519.99	ng/ul	
80) Pyrene	19.95	202	6944208	683.63	ng/ul#	22
83) Benzo(a)anthracene	21.77	228	4649556	440.76	ng/ul#	64
85) Chrysene	21.85	228	4452043	443.07	ng/ul#	59
88) Benzo(b)fluoranthene	24.08	252	6249642	565.70	ng/ul#	87
89) Benzo(k)fluoranthene	24.13	252	1437510m	134.61	ng/ul	
91) Benzo(a)pyrene	24.97	252	4141462	390.03	ng/ul#	92
92) Indeno(1,2,3-cd)pyrene	28.95	276	3390273m	266.57	ng/ul	
93) Dibenzo(a,h)anthracene	28.96	278	1042451	98.78	ng/ul	98
94) Benzo(g,h,i)perylene	30.16	276	3765997m	360.53	ng/ul	

U.M
 12/26/15