

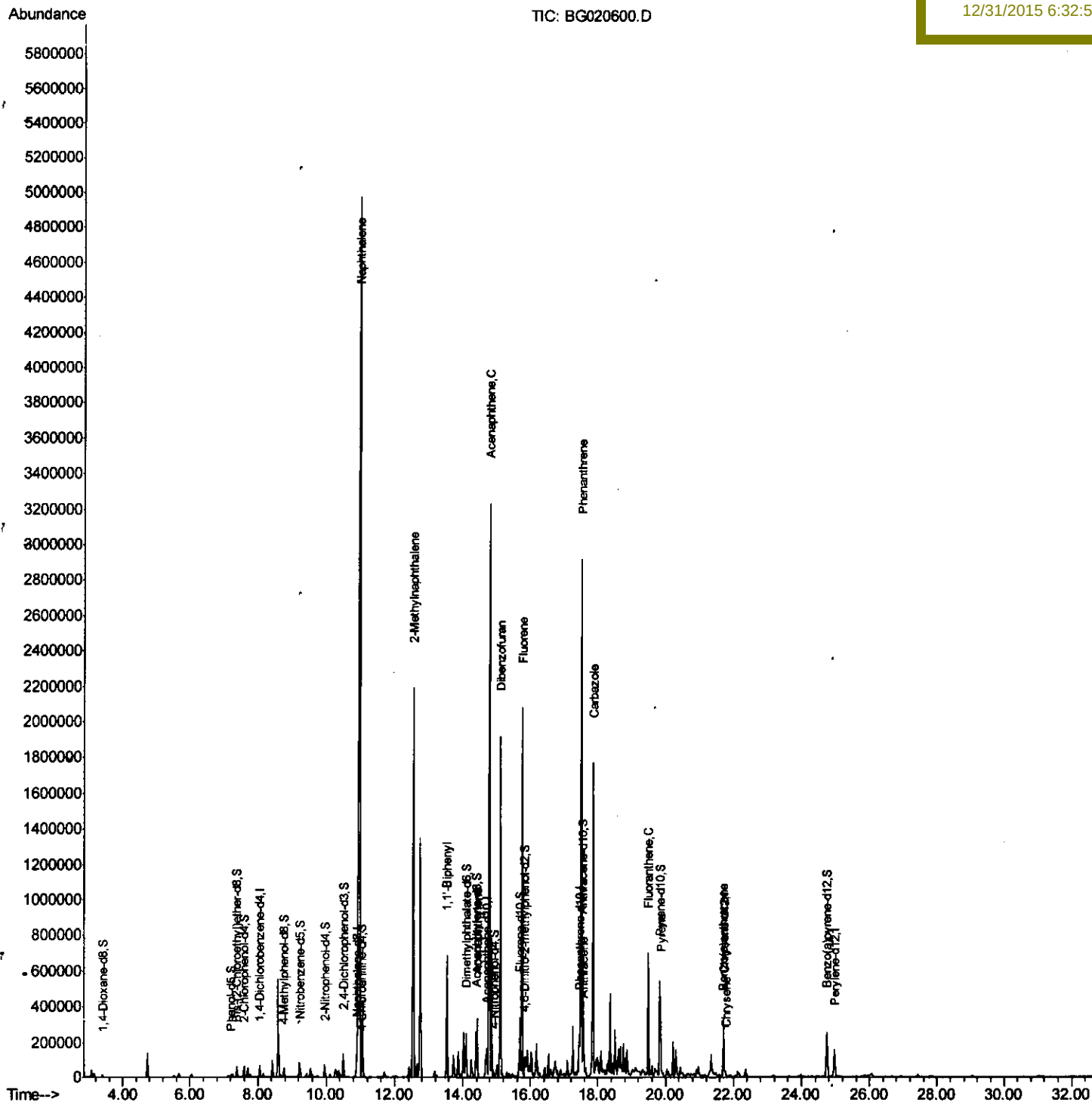
Data Path : Z:\HPCHEM1\BNA_G\Data\BG123015\
Data File : BG020600.D
Acq On : 30 Dec 2015 9:25
Operator : UM/SJ
Sample : G4846-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 30 13:53:18 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 30 08:00:55 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9N48

Manual Integrations
APPROVED

Sohil
12/31/2015 6:32:56 PM



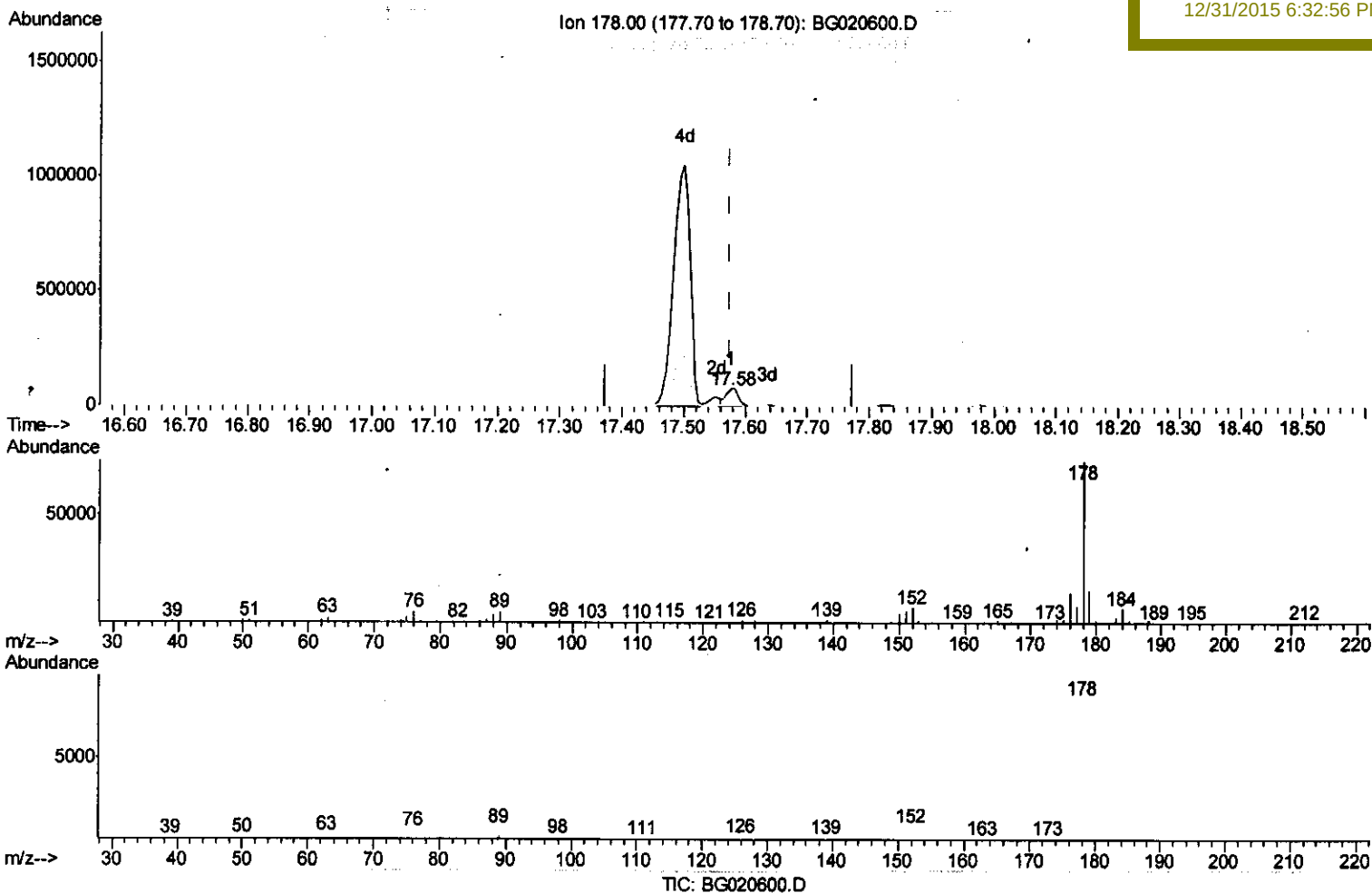
Data Path : Z:\HPCHEM1\BNA_G\Data\BG123015\
Data File : BG020600.D
Acq On : 30 Dec 2015 9:25
Operator : UM/SJ
Sample : G4846-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 30 13:26:36 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 30 08:00:55 2015
Response via : Initial Calibration

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Manual Integrations
APPROVED

Sohil
12/31/2015 6:32:56 PM



(72) Anthracene

17.577min (+0.003) 13.04ng/ul

response 111897

Ion	Exp%	Act%
178.00	100	100
179.00	16.80	19.96
176.00	19.20	18.66
0.00	0.00	0.00

Quantitation Report (Qedit)

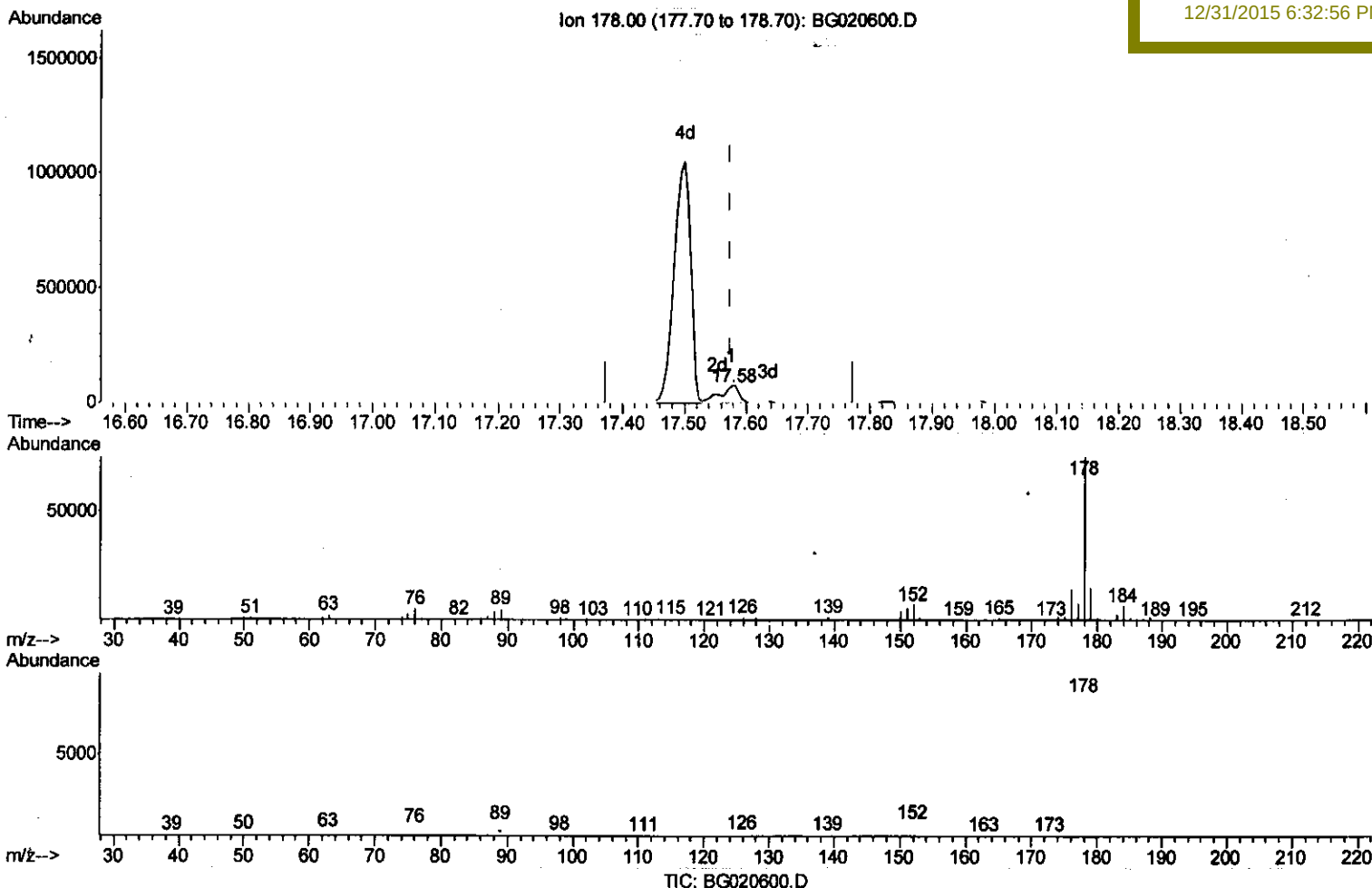
Data Path : Z:\HPCHEM1\BNA_G\Data\BG123015\
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 Operator : UM/SJ
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 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
 12/31/2015 6:32:56 PM



(72) Anthracene

17.577min (+0.003) 19.26ng/ul m U.M
 response 165238 115/16

Ion	Exp%	Act%
178.00	100	100
179.00	16.80	19.96
176.00	19.20	18.66
0.00	0.00	0.00

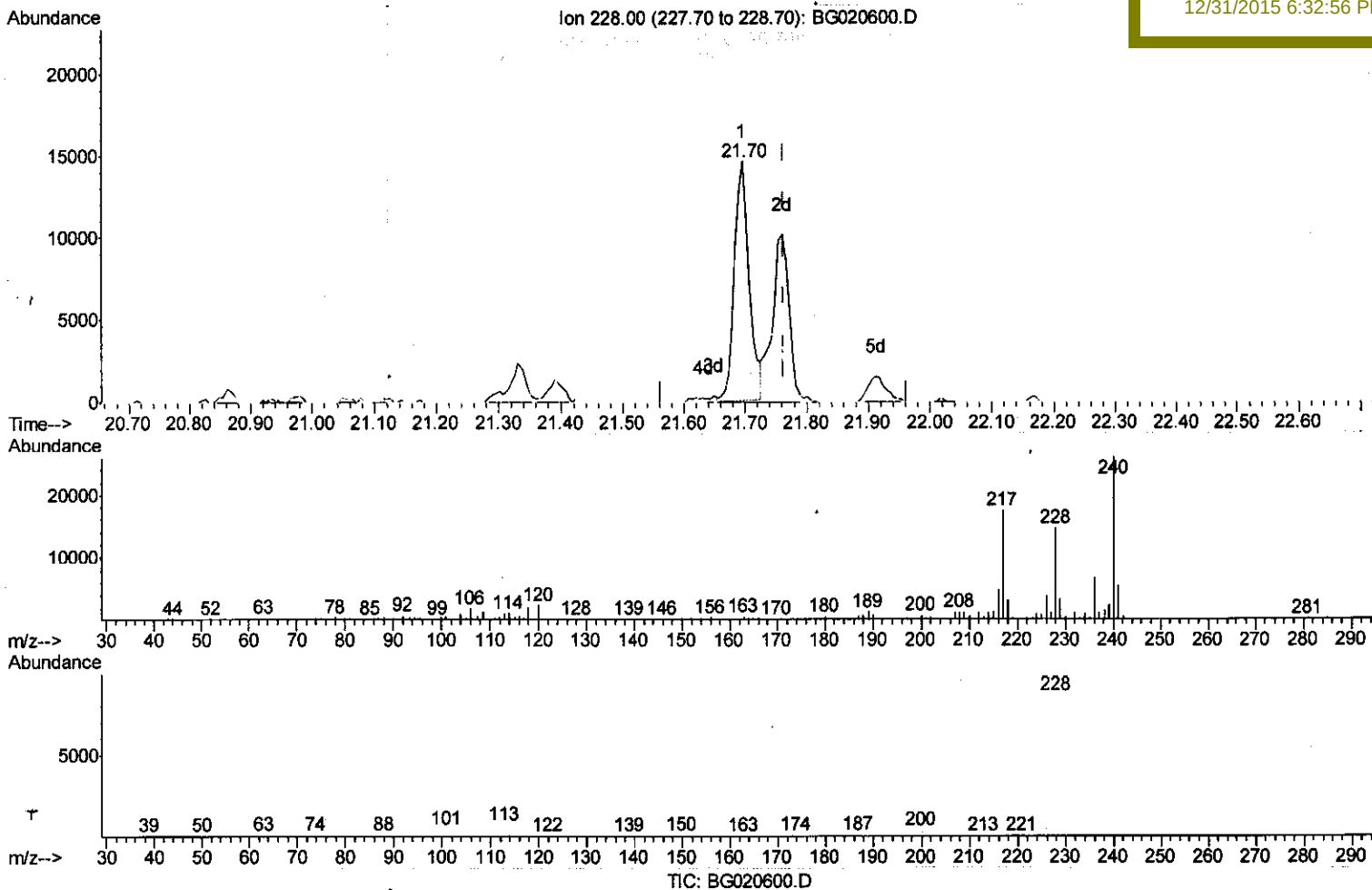
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ClientSampleId :
D9N48

Manual Integrations
APPROVED

Sohil
12/31/2015 6:32:56 PM



(85) Chrysene

21.695min (-0.068) 2.43ng/ul

response 24630

Ion	Exp%	Act%
228.00	100	100
226.00	30.10	25.91
229.00	20.00	22.65
0.00	0.00	0.00

Quantitation Report (Qedit)

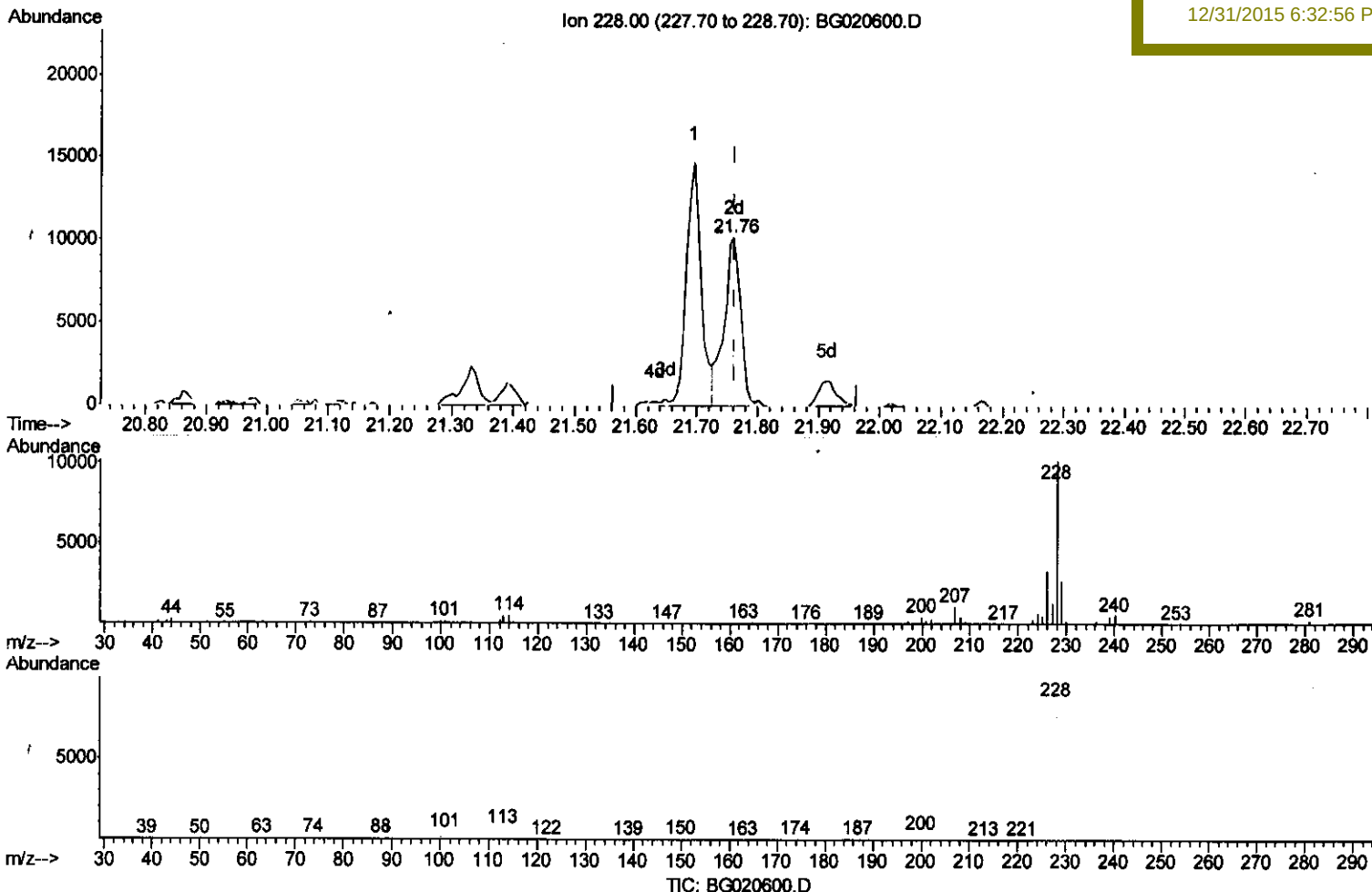
Data Path : Z:\HPCHEM1\BNA_G\Data\BG123015\
 Data File : BG020600.D
 Acq On : 30 Dec 2015 9:25
 Operator : UM/SJ
 Sample : G4846-02
 Misc :
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Quant Time: Dec 30 13:26:36 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
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 QLast Update : Wed Dec 30 08:00:55 2015
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Instrument :
 BNA_G
 ClientSampleId :
 D9N48

Manual Integrations
 APPROVED

Sohil
 12/31/2015 6:32:56 PM



(85) Chrysene

21.760min (-0.003) 1.91ng/ul m

response 19338

Ion Exp% Act%

228.00 100 100

226.00 30.10 32.96

229.00 20.00 27.15#

0.00 0.00 0.00

U.M
 11511c

Data Path : Z:\HPCHEM1\BNA_G\Data\BG123015\
 Data File : BG020600.D
 Acq On : 30 Dec 2015 9:25
 Operator : UM/SJ
 Sample : G4846-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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Manual Integrations
 APPROVED

Sohil
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	20202	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	90907	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.70	164	64608	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	154267	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	183871	20.00	ng/ul	0.00
86) Perylene-d12	24.97	264	180996	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	457	1.35	ng/uL	0.00
5) Phenol-d5	7.22	99	10432	6.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	30661	29.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	31295	23.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	22318	15.24	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	22769	32.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	26578	32.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	44451	28.71	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	1869	1.02	ng/ul	0.01
44) Dimethylphthalate-d6	14.10	166	165344	31.27	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	189619	31.57	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	5037	6.07	ng/ul	0.00
58) Fluorene-d10	15.69	176	150790	31.46	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	27241	29.11	ng/ul	0.00
71) Anthracene-d10	17.55	188	232634	32.37	ng/ul	0.00
79) Pyrene-d10	19.83	212	270850	32.85	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	304320	33.70	ng/ul	0.00

Target Compounds

						Qvalue
28) Naphthalene	10.98	128	5292822	1099.42	ng/ul#	66
34) 2-Methylnaphthalene	12.54	142	1084857	301.16	ng/ul	98
41) 1,1'-Biphenyl	13.53	154	373133	76.76	ng/ul	99
48) Acenaphthylene	14.42	152	205730	32.16	ng/ul	97
50) Acenaphthene	14.78	153	1528696	353.16	ng/ul	96
54) Dibenzofuran	15.10	168	1275436	194.98	ng/ul	94
59) Fluorene	15.76	166	1034472	196.60	ng/ul	98
70) Phenanthrene	17.50	178	1942503	231.61	ng/ul#	87
72) Anthracene	17.58	178	165238m	19.26	ng/ul	
75) Carbazole	17.86	167	1309519	180.90	ng/ul#	92
77) Fluoranthene	19.49	202	449636	43.88	ng/ul	100
80) Pyrene	19.86	202	271440	25.49	ng/ul	99
83) Benzo(a)anthracene	21.70	228	24630	2.29	ng/ul	96
85) Chrysene	21.76	228	19338m	1.91	ng/ul	

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

U.M.
 115/116