

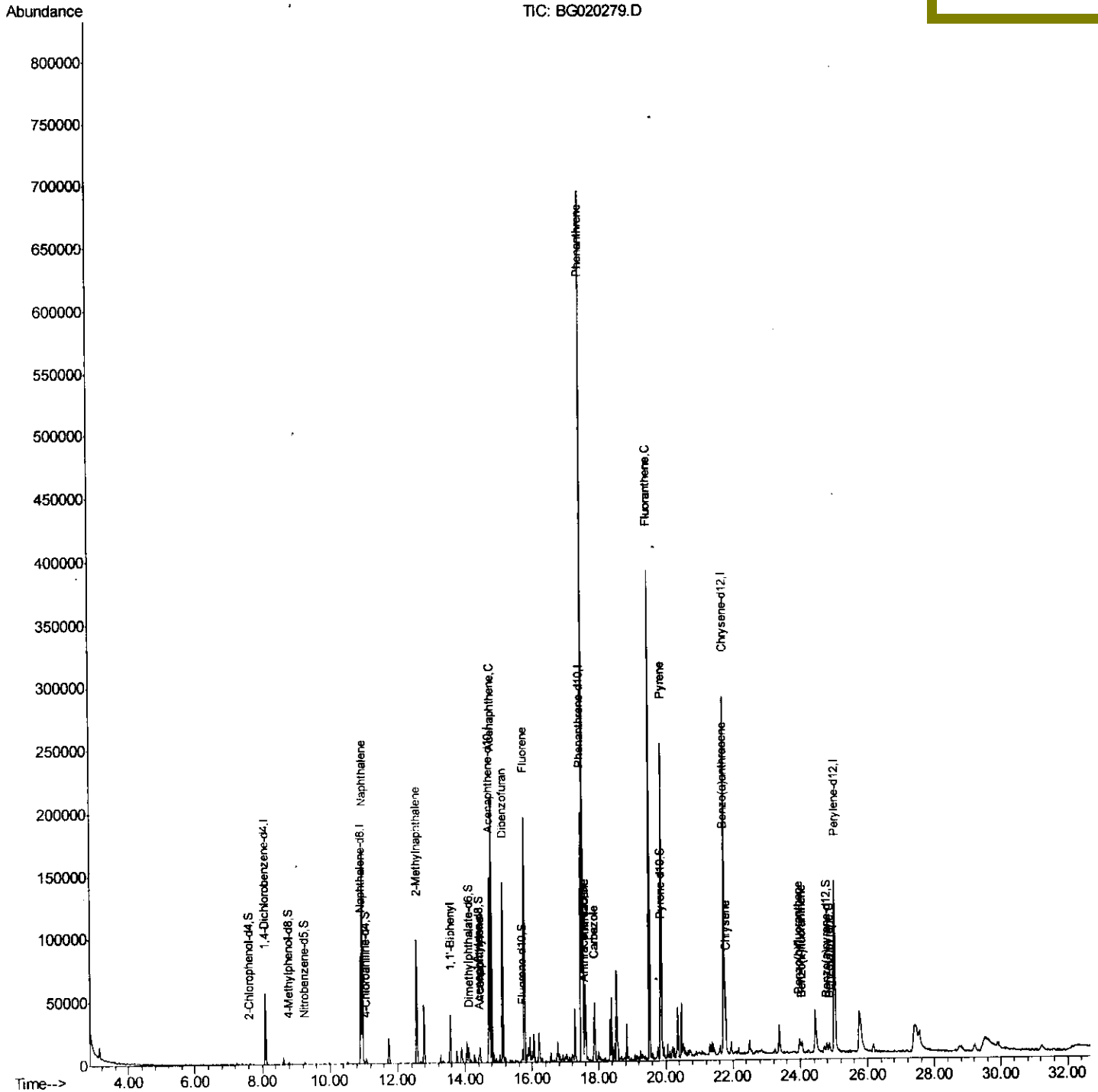
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020279.D
Acq On : 18 Dec 2015 17:37
Operator : UM/SJ
Sample : G4767-19DL2 30X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N41DL2

Quant Time: Dec 21 09:56:45 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 19 00:45:12 2015
Response via : Initial Calibration

Manual Integrations
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Quantitation Report (Qedit)

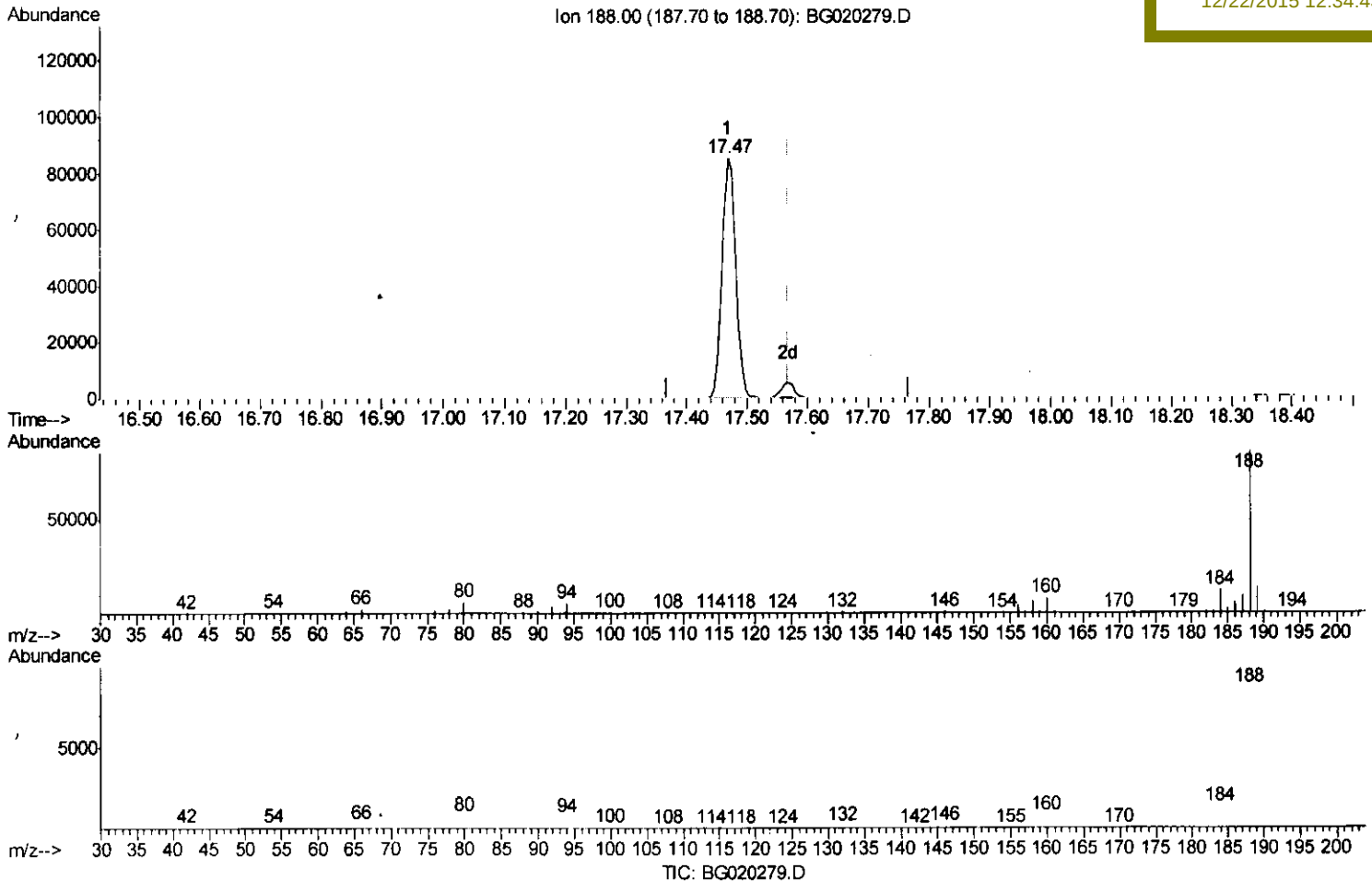
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Quant Time: Dec 19 00:48:32 2015
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(71) Anthracene-d10 (S)

17.468min (-0.099) 21.70ng/ul

response 132571

Ion	Exp%	Act%
188.00	100	100
94.00	7.70	6.62
80.00	7.50	7.18
0.00	0.00	0.00

Quantitation Report (Qedit)

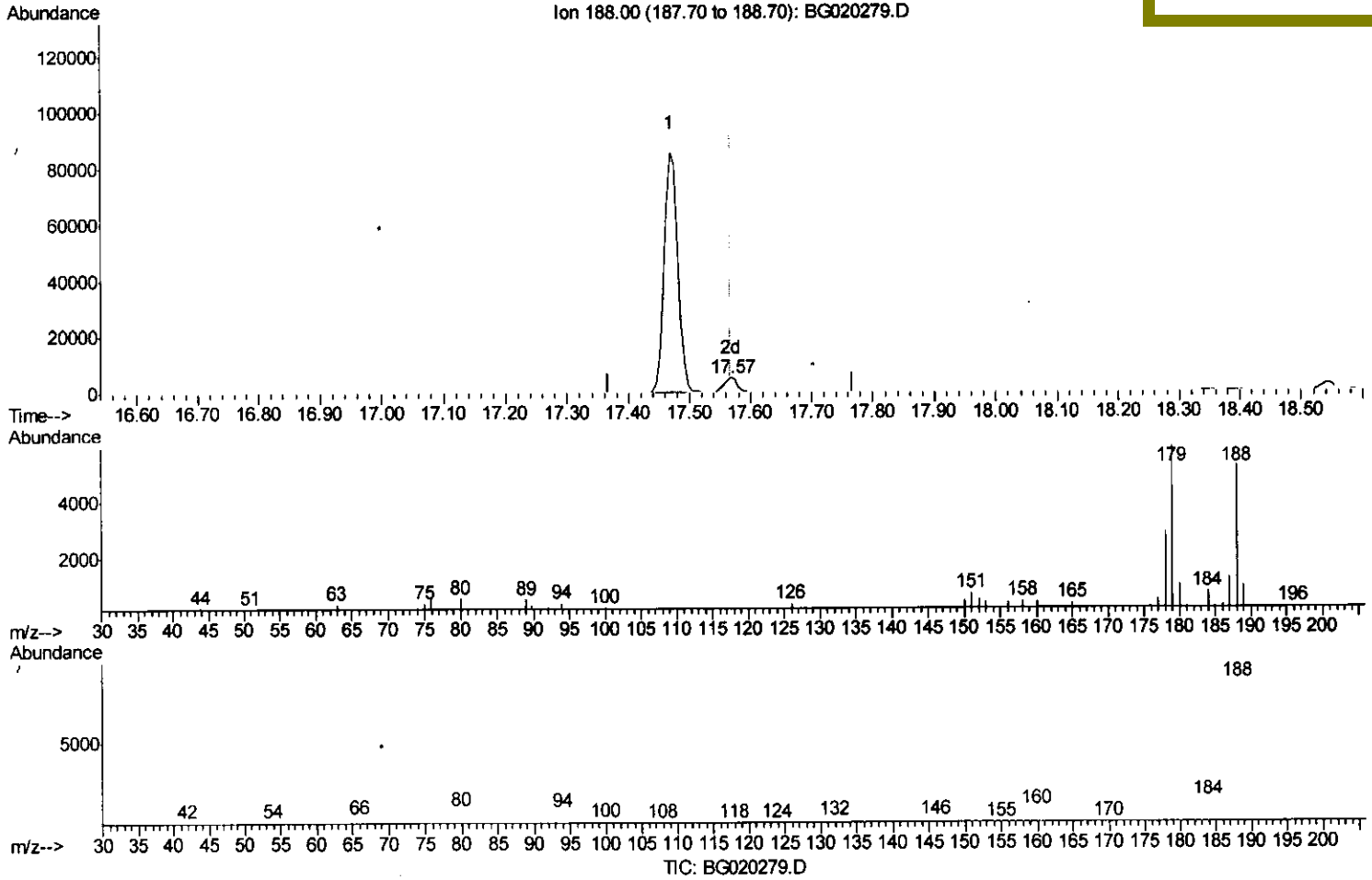
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(71) Anthracene-d10 (S)

17.568min (+0.001) 1.29ng/ul m U.M

response 7895

12/22/15

Ion	Exp%	Act%
188.00	100	100
94.00	7.70	6.94
80.00	7.50	10.31#
0.00	0.00	0.00

Quantitation Report (Qedit)

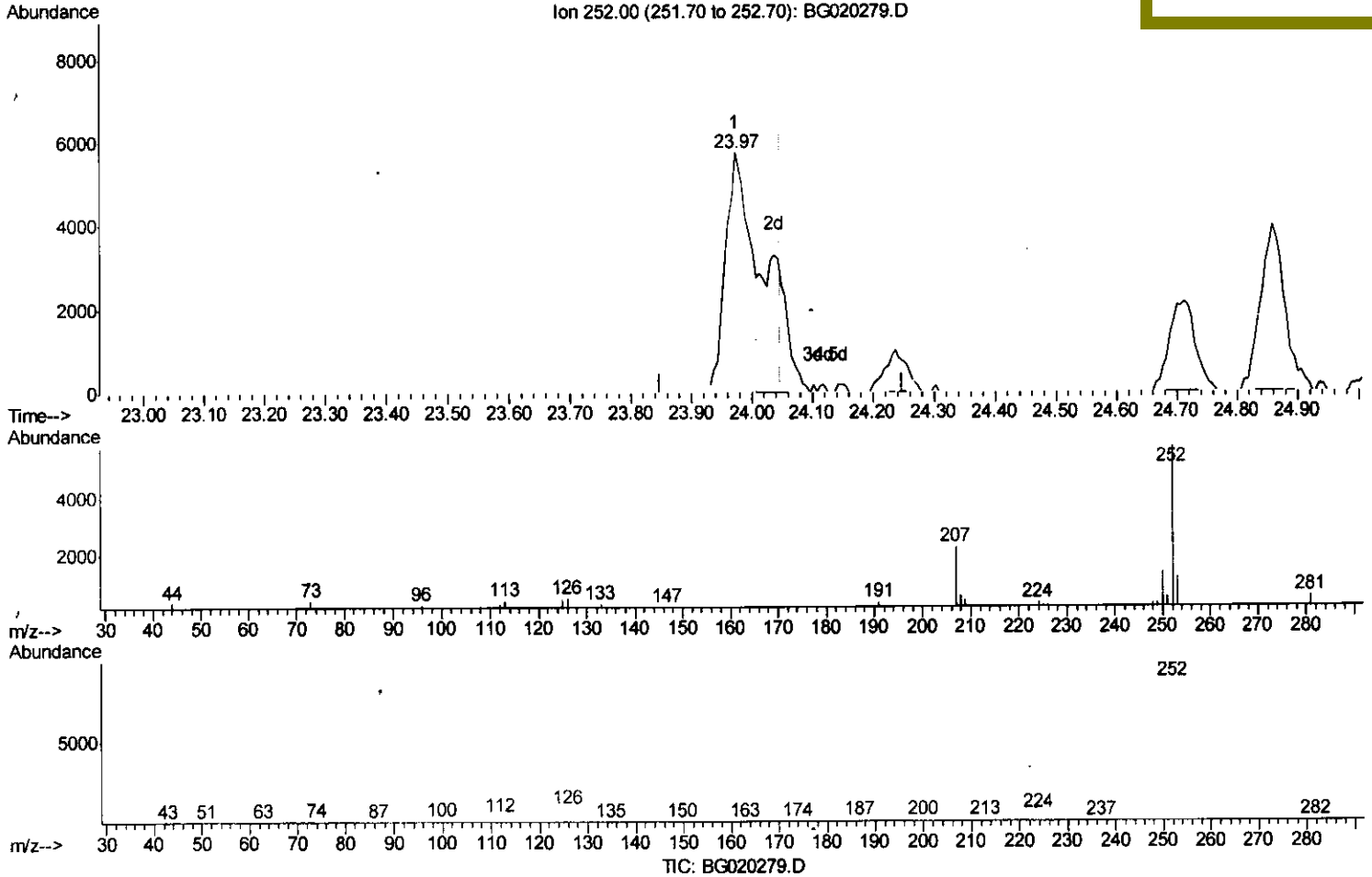
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 Data File : BG020279.D
 Acq On : 18 Dec 2015 17:37
 Operator : UM/SJ
 Sample : G4767-19DL2 30X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 D9N41DL2

Quant Time: Dec 19 01:01:53 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 Qlast Update : Sat Dec 19 00:45:12 2015
 Response via : Initial Calibration

Manual Integrations
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(89) Benzo(k)fluoranthene

23.972min (-0.076) 1.72ng/ui

response 15947

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	20.81
125.00	7.20	7.51
0.00	0.00	0.00

Quantitation Report (Qedit)

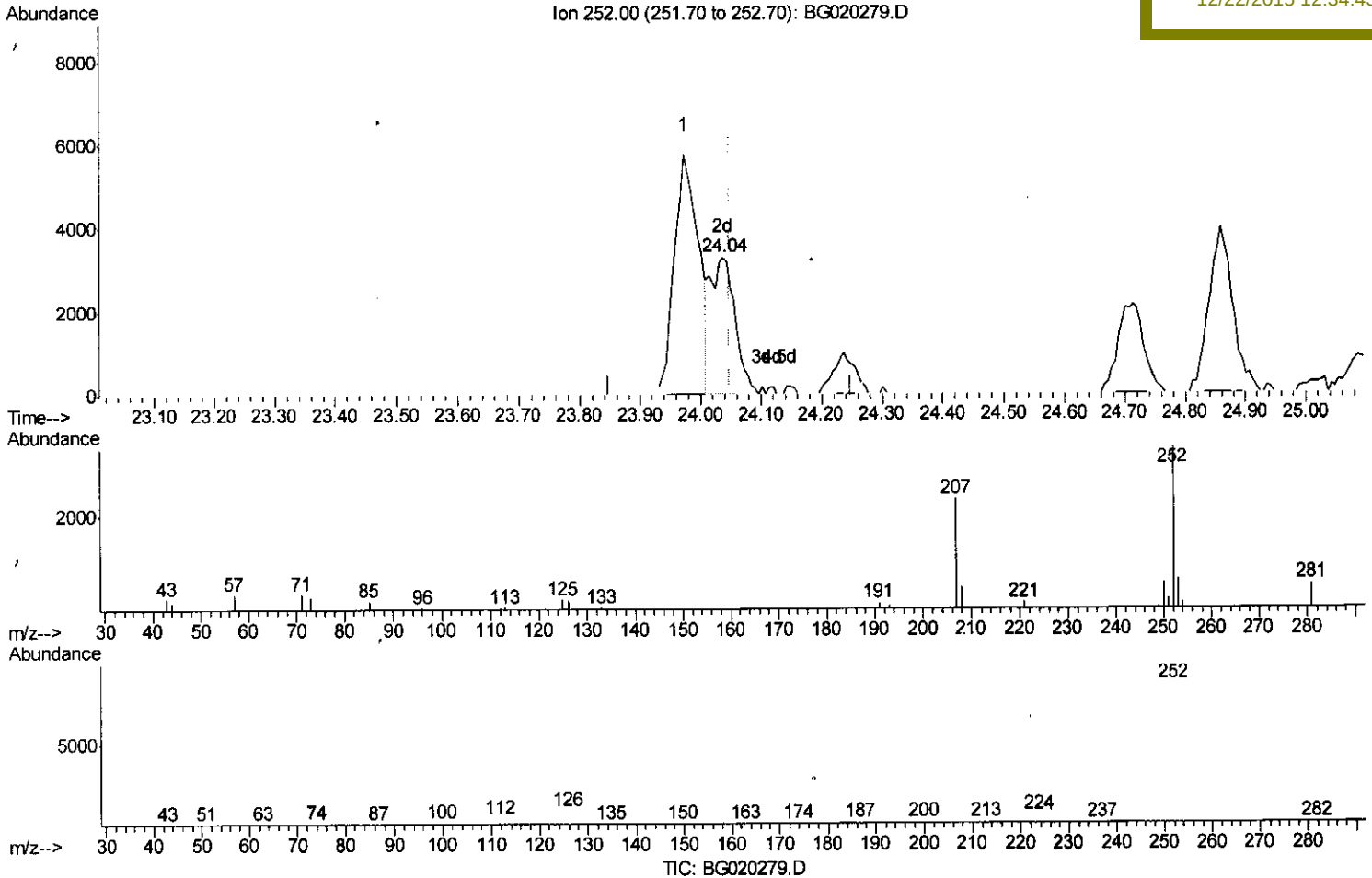
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 Data File : BG020279.D
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 Operator : UM/SJ
 Sample : G4767-19DL2 30X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N41DL2

Quant Time: Dec 19 01:01:53 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
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 Response via : Initial Calibration

Manual Integrations
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 12/22/2015 12:34:43 PM



(89) Benzo(k)fluoranthene

24.037min (-0.011) 1.01ng/ul m UM
 response 9345 12/22/15

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	21.61
125.00	7.20	10.15#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	17086	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	73632	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	52440	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	132571	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	175231	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	160877	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.24	99	1472	0.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	862	0.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	1139	1.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	1309	1.02	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	613	1.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	539	0.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	1268	0.98	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	1665	1.15	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	5480	1.29	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	5787	1.17	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	380	0.50	ng/ul	0.00
58) Fluorene-d10	15.71	176	5234	1.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.57	188	7895m	1.29	ng/ul	0.00
79) Pyrene-d10	19.85	212	9322	1.14	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	11175	1.39	ng/ul	-0.01

Target Compounds

						Ovalue
28) Naphthalene	10.96	128	147770	38.43	ng/ul	99
34) 2-Methylnaphthalene	12.56	142	47260	16.09	ng/ul	96
41) 1,1'-Biphenyl	13.56	154	20822	5.26	ng/ul	94
48) Acenaphthylene	14.45	152	6702	1.28	ng/ul	93
50) Acenaphthene	14.79	153	90478	25.65	ng/ul	98
54) Dibenzofuran	15.12	168	98385	18.75	ng/ul	99
59) Fluorene	15.77	166	91117	21.62	ng/ul	98
70) Phenanthrene	17.52	178	445185	61.39	ng/ul	99
72) Anthracene	17.60	178	41405	5.63	ng/ul	99
75) Carbazole	17.87	167	31436	5.09	ng/ul	99
77) Fluoranthene	19.52	202	258937	30.55	ng/ul	98
80) Pyrene	19.88	202	174294	16.43	ng/ul	98
83) Benzo(a)anthracene	21.72	228	41263	4.04	ng/ul	98
85) Chrysene	21.79	228	35566	3.69	ng/ul	95
88) Benzo(b)fluoranthene	23.97	252	15947	1.65	ng/ul	100
89) Benzo(k)fluoranthene	24.04	252	9345m	1.01	ng/ul	
91) Benzo(a)pyrene	24.86	252	11082	1.21	ng/ul#	92

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