

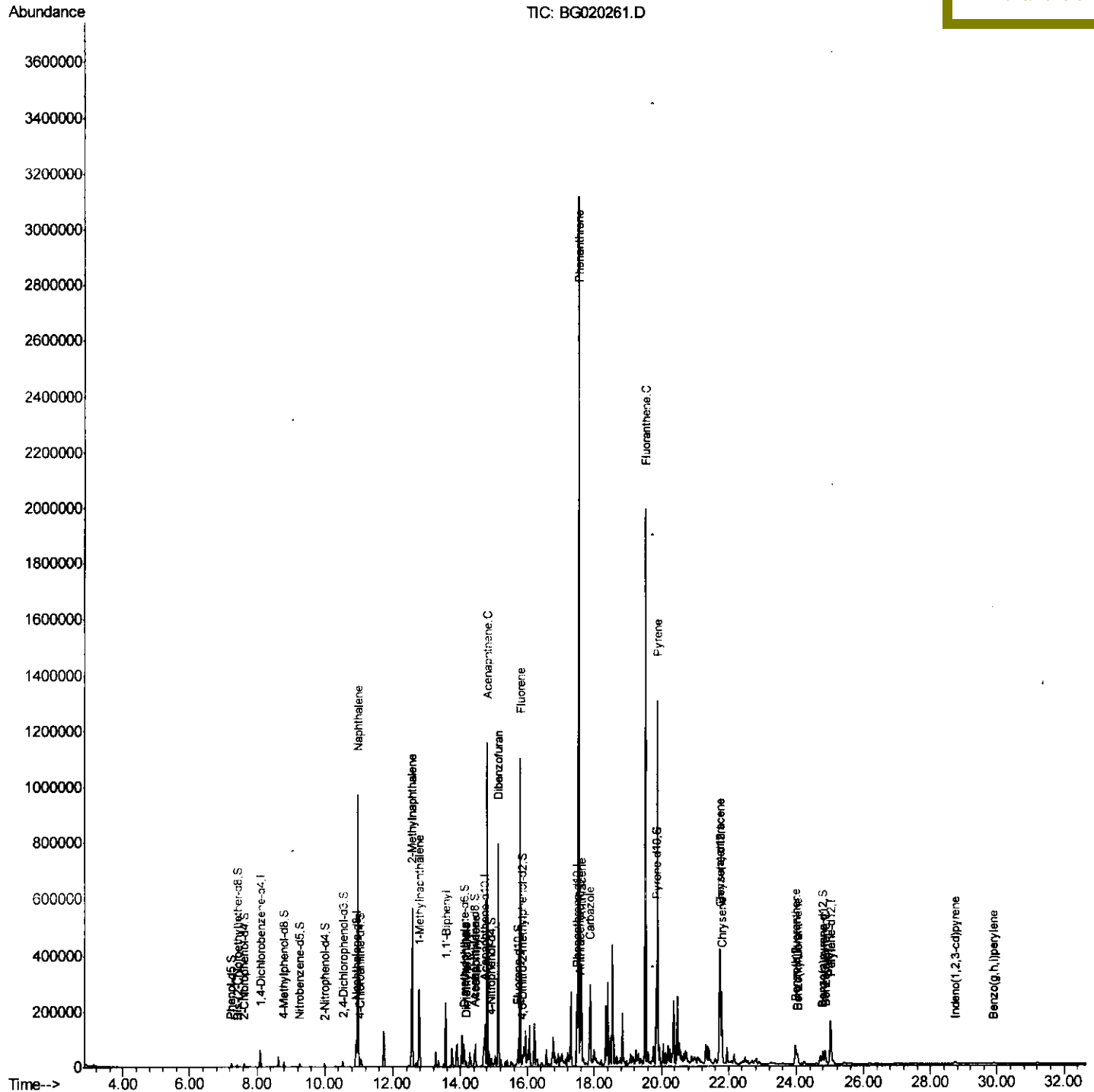
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
Data File : BG020261.D
Acq On : 18 Dec 2015 1:24
Operator : UM/SJ
Sample : G4767-19DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N41DL

Quant Time: Dec 18 07:55:57 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
Qlast Update : Fri Dec 18 02:40:02 2015
Response via : Initial Calibration

Manual Integrations
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Quantitation Report (Qedit)

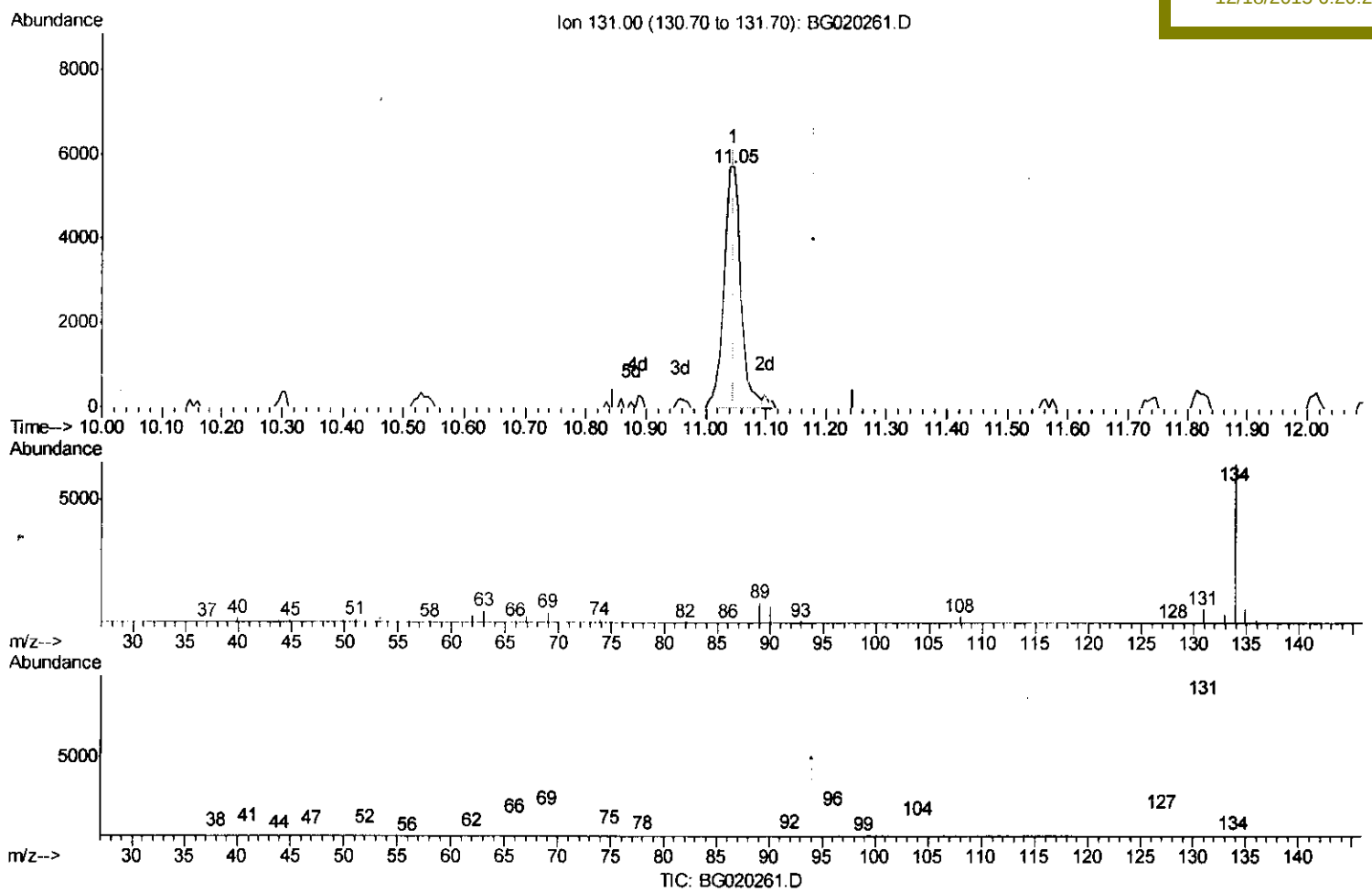
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
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 ClientSampleId :
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(29) 4-Chloroaniline-d4 (S)

11.046min (-0.000) 7.50ng/ul

response 11081

Ion	Exp%	Act%
131.00	100	100
133.00	30.40	30.27
69.00	17.80	20.26
0.00	0.00	0.00

Quantitation Report (Qedit)

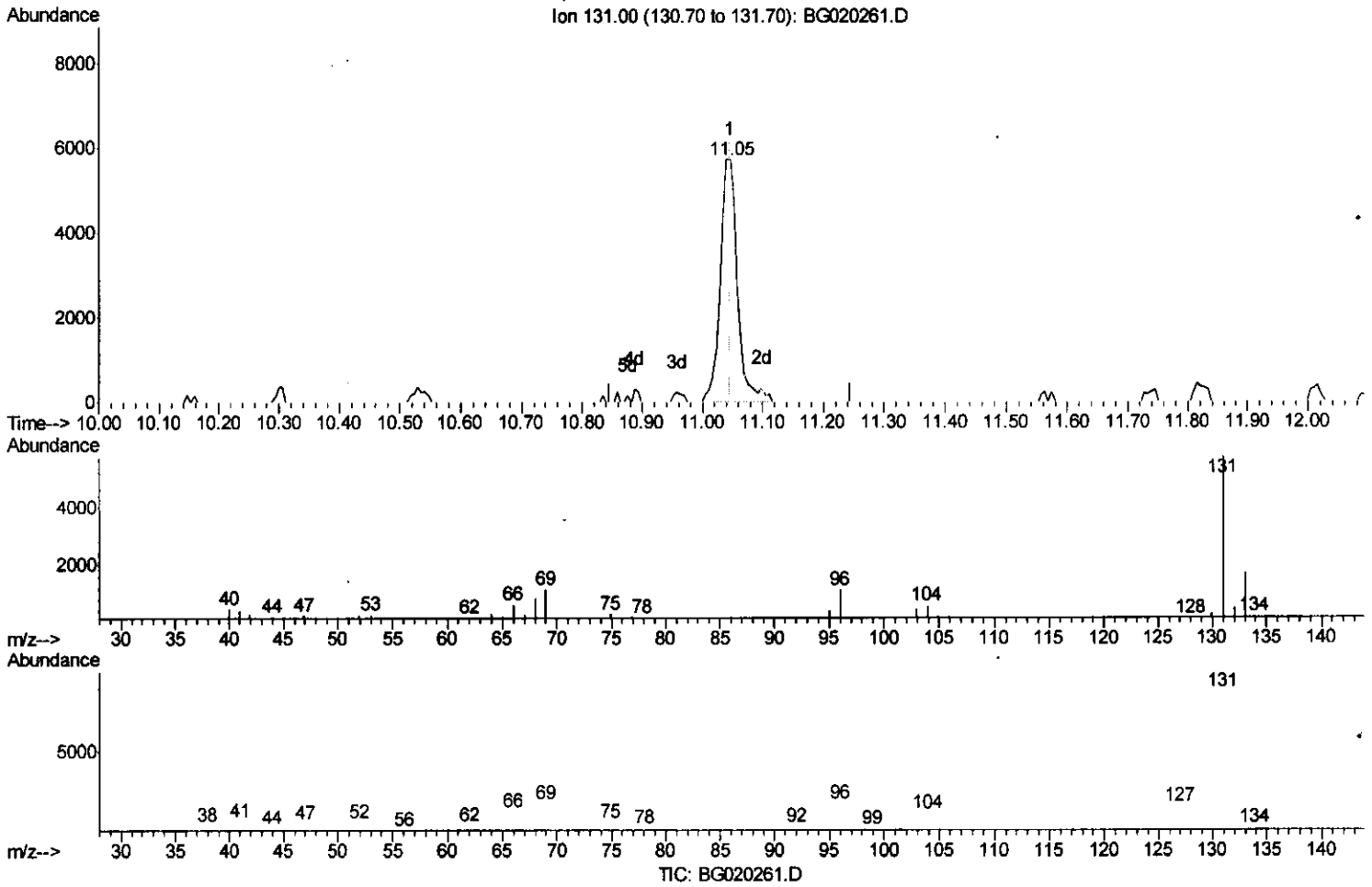
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
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Manual Integrations
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(29) 4-Chloroaniline-d4 (S)

11.046min (-0.000) 7.66ng/ul m U.M

response 11315

Ion	Exp%	Act%
131.00	100	100
133.00	30.40	30.27
69.00	17.80	20.26
0.00	0.00	0.00

Quantitation Report (Qedit)

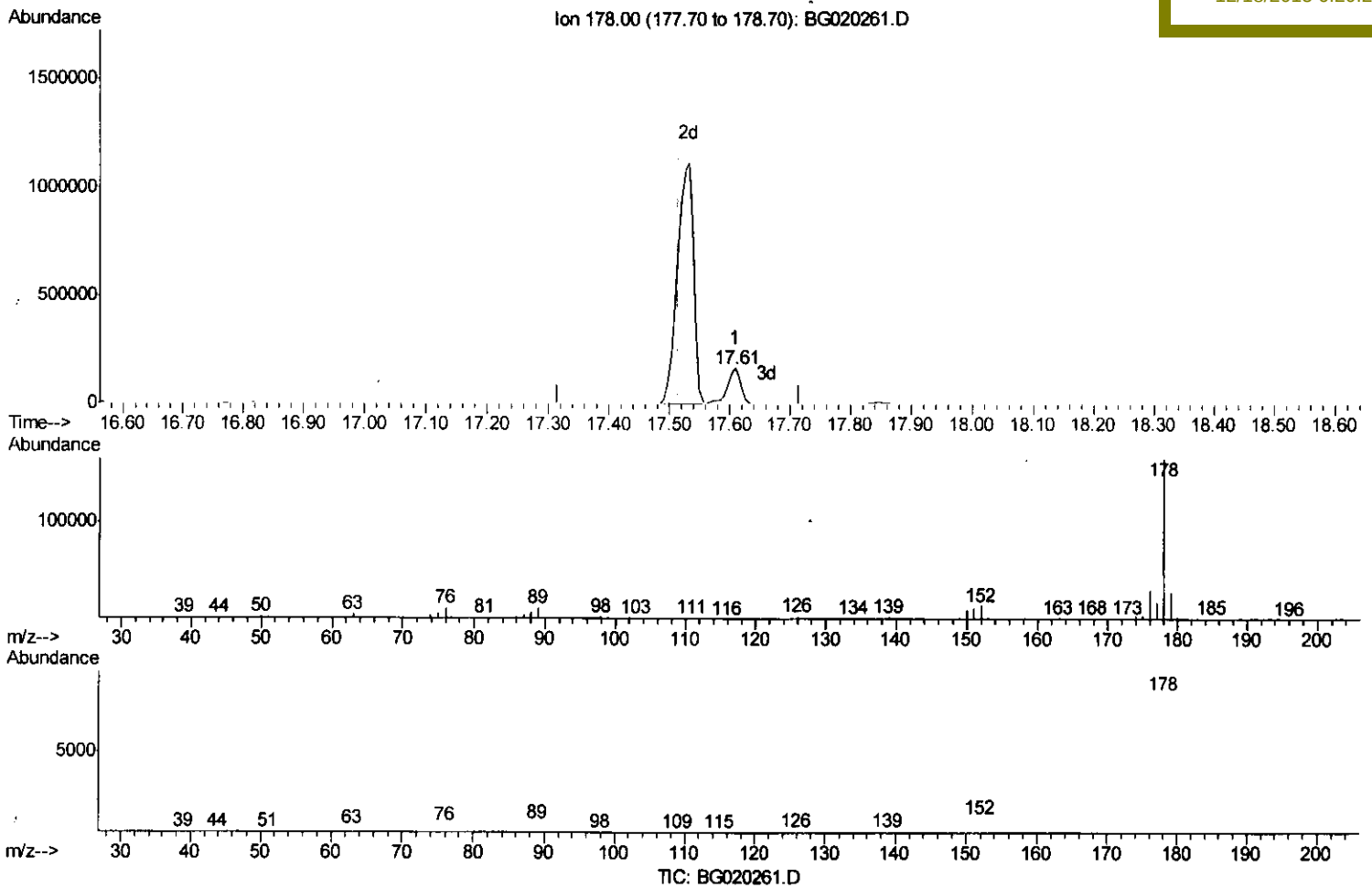
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
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Manual Integrations
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(70) Phenanthrene

17.609min (+0.094) 33.99ng/ul

response 258933

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	16.27
176.00	19.10	18.11
0.00	0.00	0.00

Quantitation Report (Qedit)

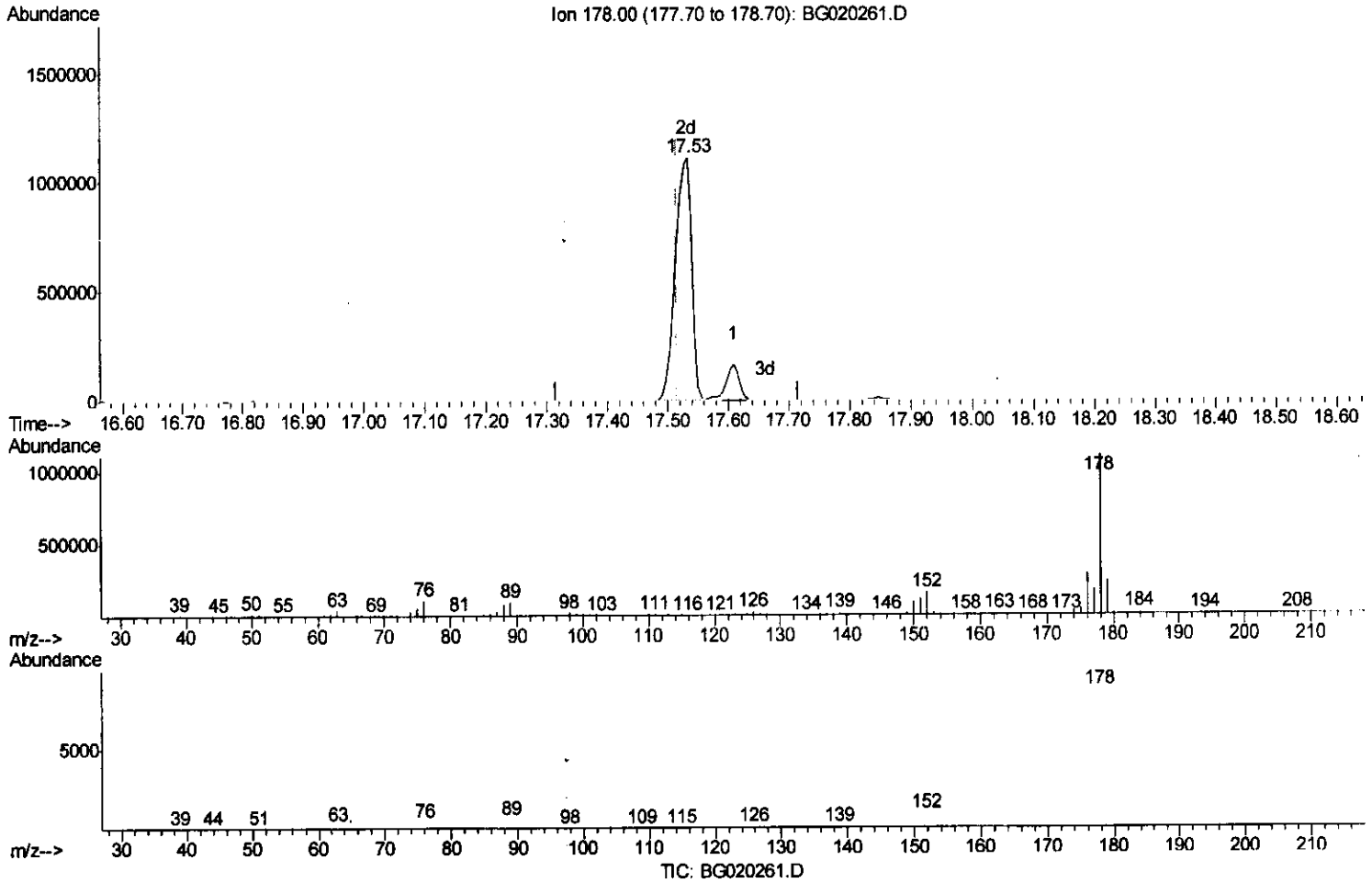
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
 Data File : BG020261.D
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Manual Integrations
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(70) Phenanthrene

17.532min (+0.017) 274.17ng/ul m

response 2088516

Ion Exp% Act%

178.00 100 100

179.00 16.10 21.04#

176.00 19.10 26.20#

0.00 0.00 0.00

UM
 12/21/15

Quantitation Report (Qedit)

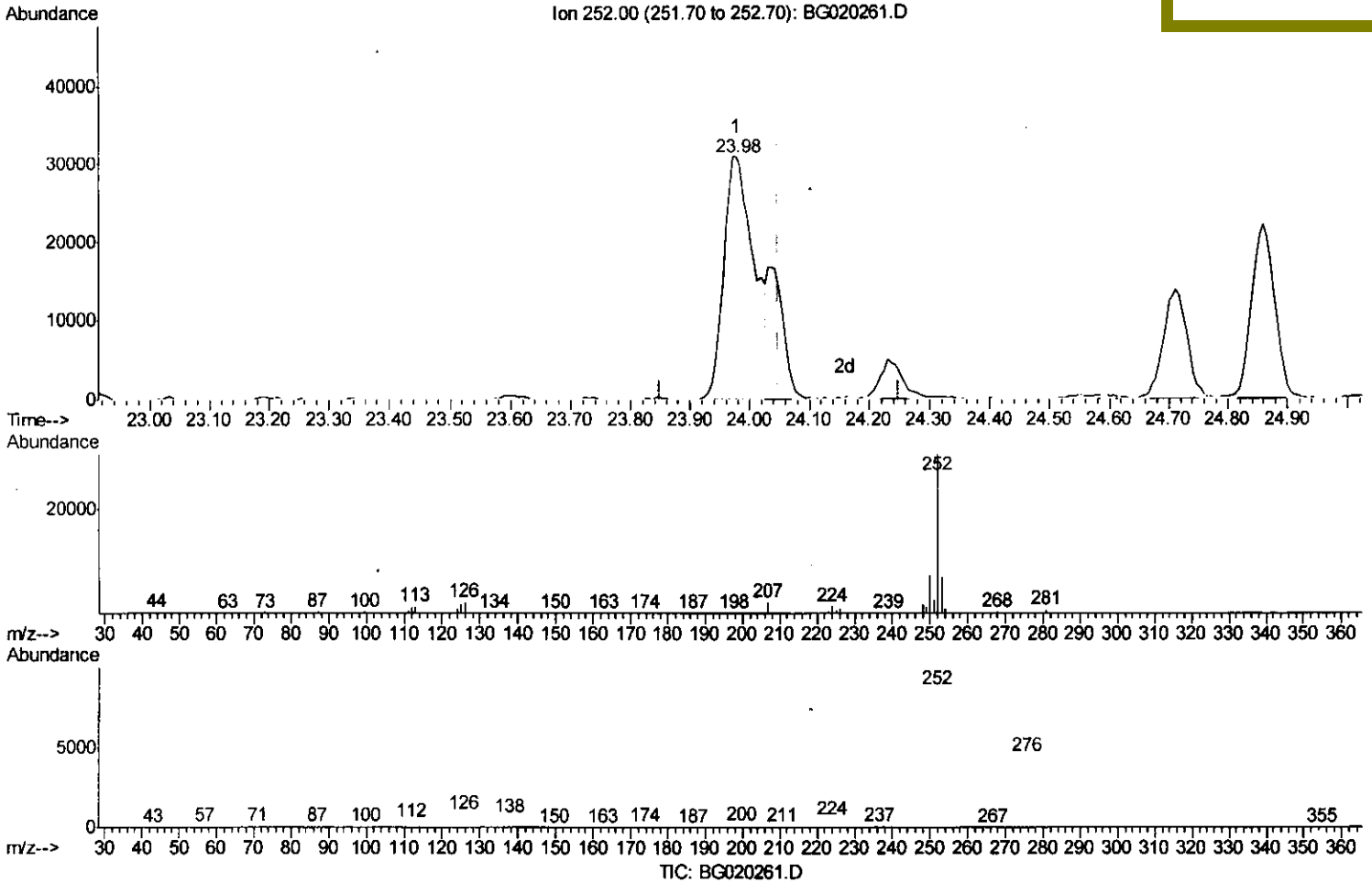
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
 Data File : BG020261.D
 Acq On : 18 Dec 2015 1:24
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Instrument :
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Manual Integrations
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 Response via : Initial Calibration



(89) Benzo(k)fluoranthene

23.978min (-0.071) 10.66ng/ul

response 106532

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	22.72
125.00	7.20	6.17
0.00	0.00	0.00

Quantitation Report (Qedit)

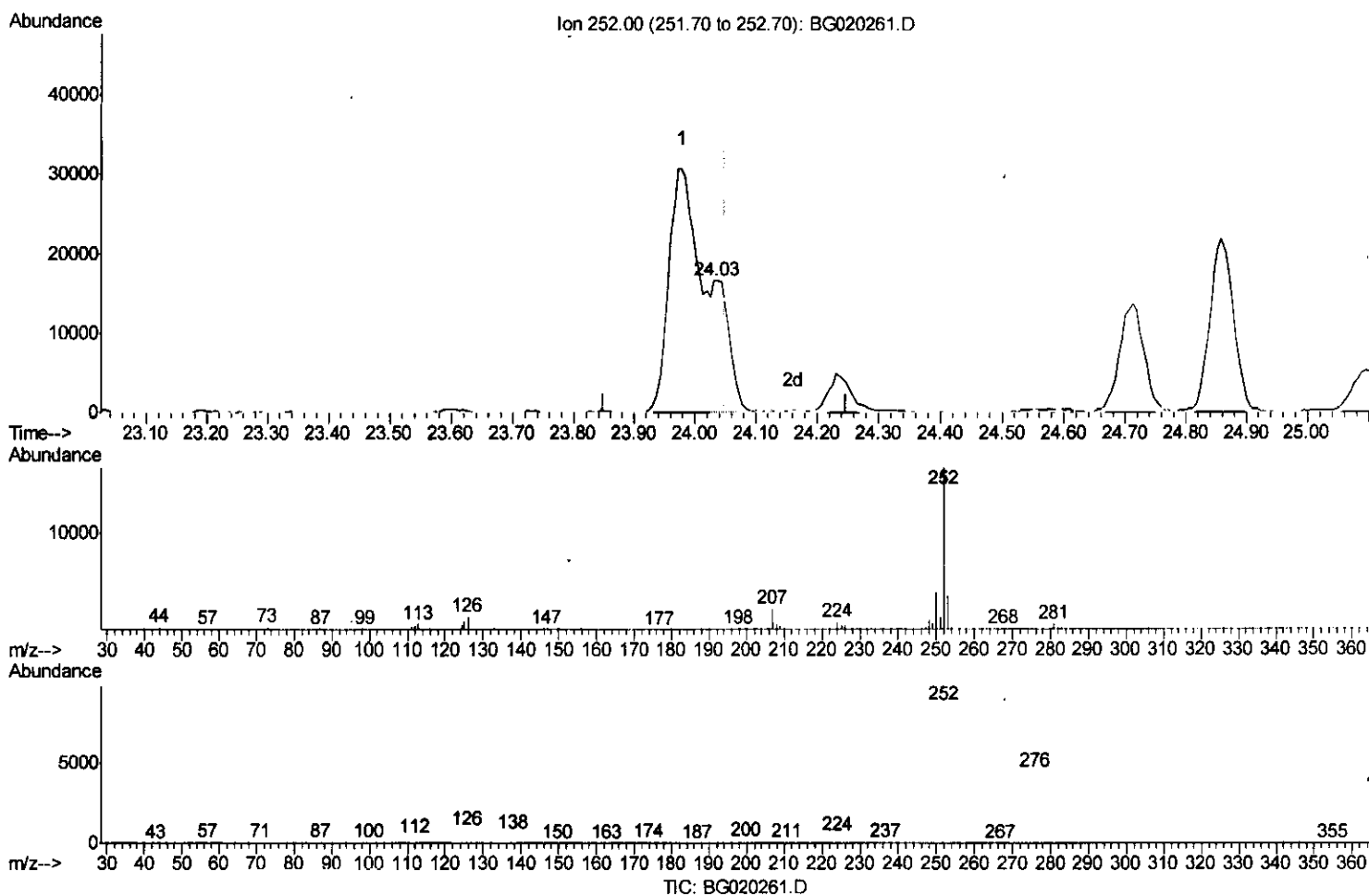
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
 Data File : BG020261.D
 Acq On : 18 Dec 2015 1:24
 Operator : UM/SJ
 Sample : G4767-19DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual Integrations
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 Response via : Initial Calibration



(89) Benzo(k)fluoranthene

24.030min (-0.018) 3.19ng/ul m U.M

response 31866

12/21/15

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	20.96
125.00	7.20	5.38#
0.00	0.00	0.00

Quantitation Report (Qedit)

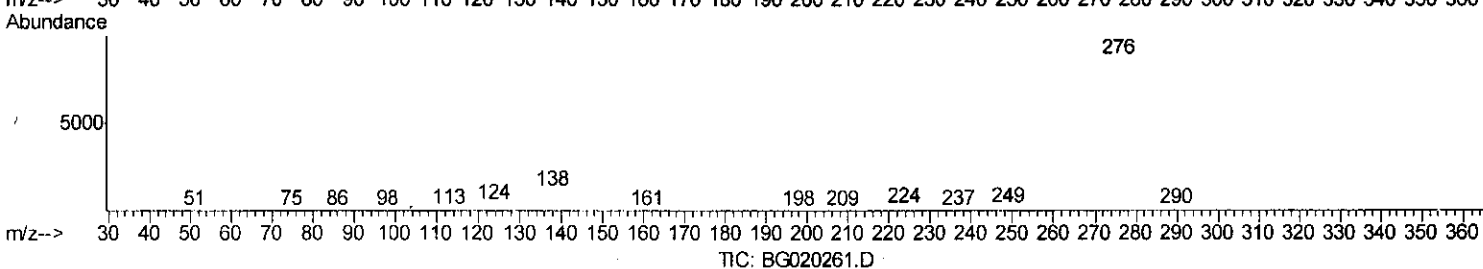
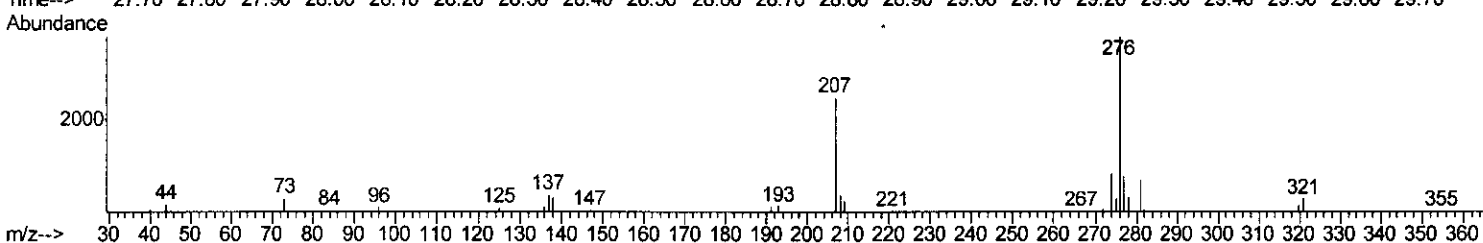
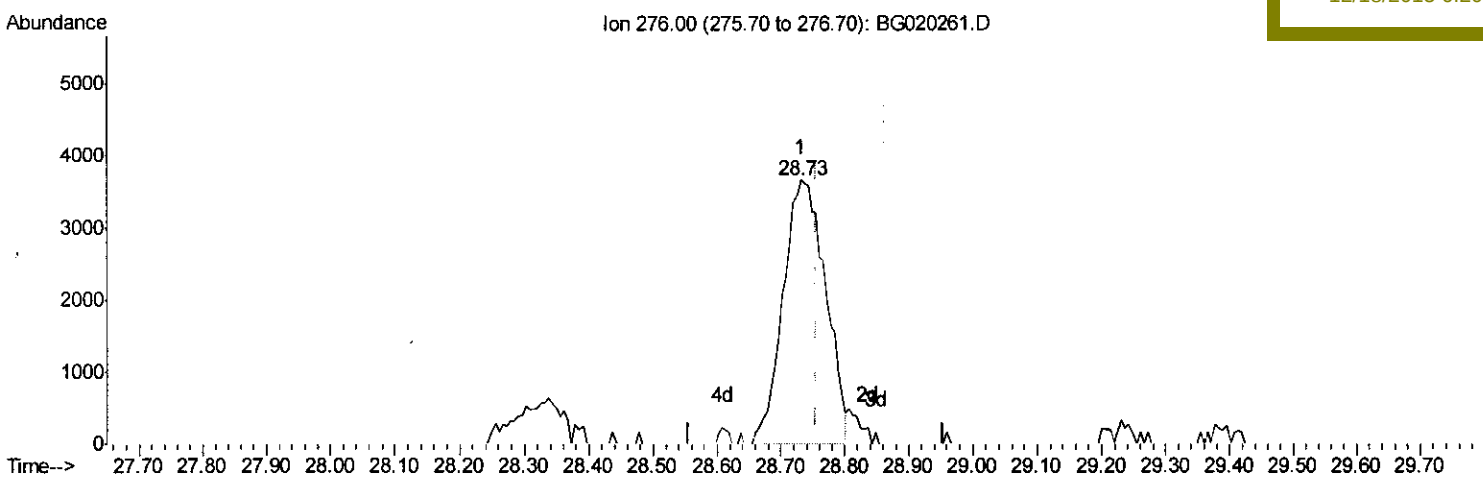
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
Data File : BG020261.D
Acq On : 18 Dec 2015 1:24
Operator : UM/SJ
Sample : G4767-19DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N41DL

Quant Time: Dec 18 07:47:28 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 18 02:40:02 2015
Response via : Initial Calibration

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

28.731min (-0.024) 1.44ng/ul

response 16917

Ion	Exp%	Act%
276.00	100	100
138.00	14.20	12.30
277.00	21.70	23.95
0.00	0.00	0.00

Quantitation Report (Qedit)

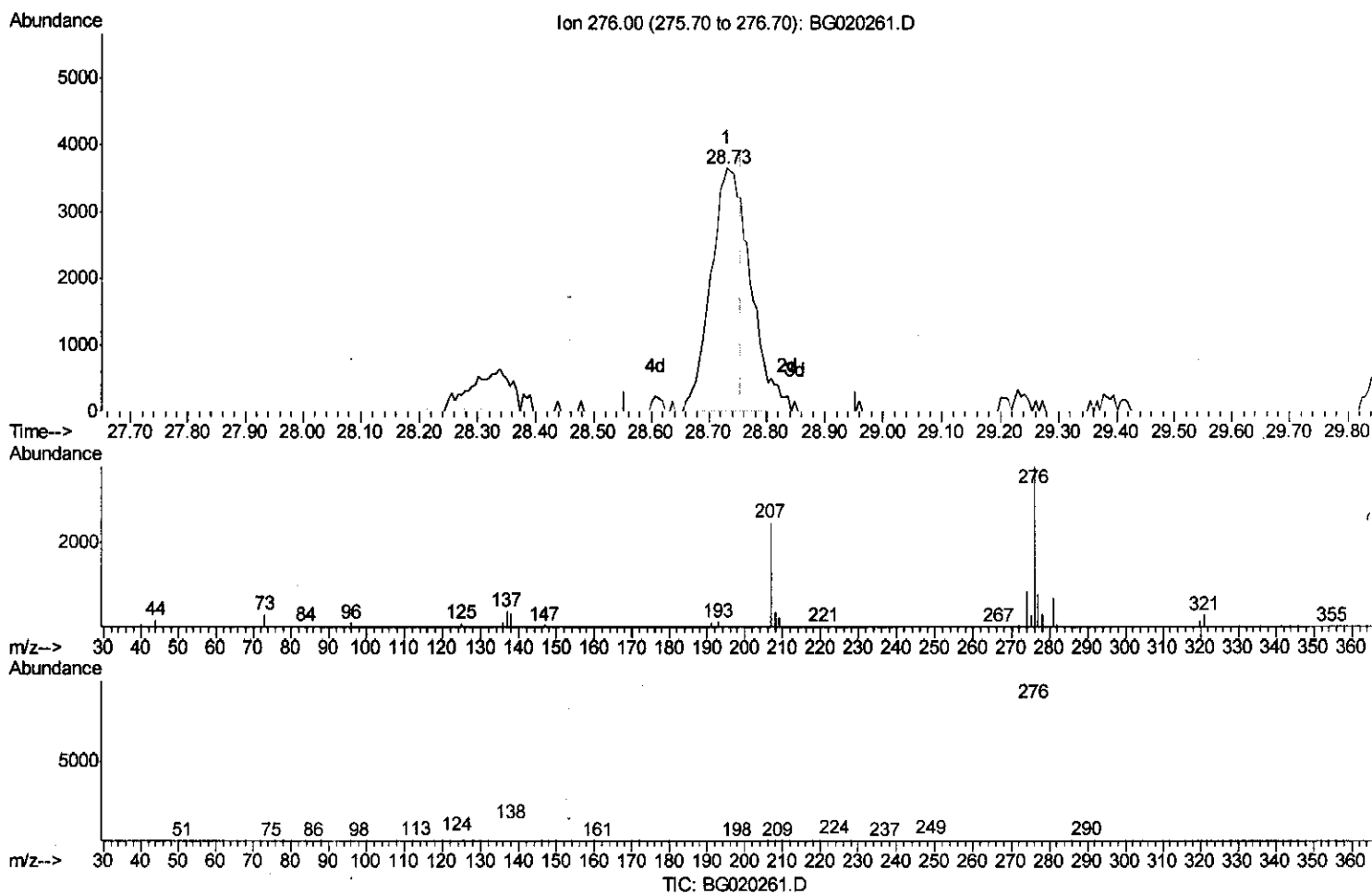
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
 Data File : BG020261.D
 Acq On : 18 Dec 2015 1:24
 Operator : UM/SJ
 Sample : G4767-19DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N41DL

Manual Integrations
 APPROVED

MMdadoda
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Quant Time: Dec 18 07:47:28 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration



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

28.731min (-0.024) 1.50ng/ul m U.M

response 17615

12/21/15

Ion	Exp%	Act%
276.00	100	100
138.00	14.20	12.30
277.00	21.70	23.95
0.00	0.00	0.00

Quantitation Report (Qedit)

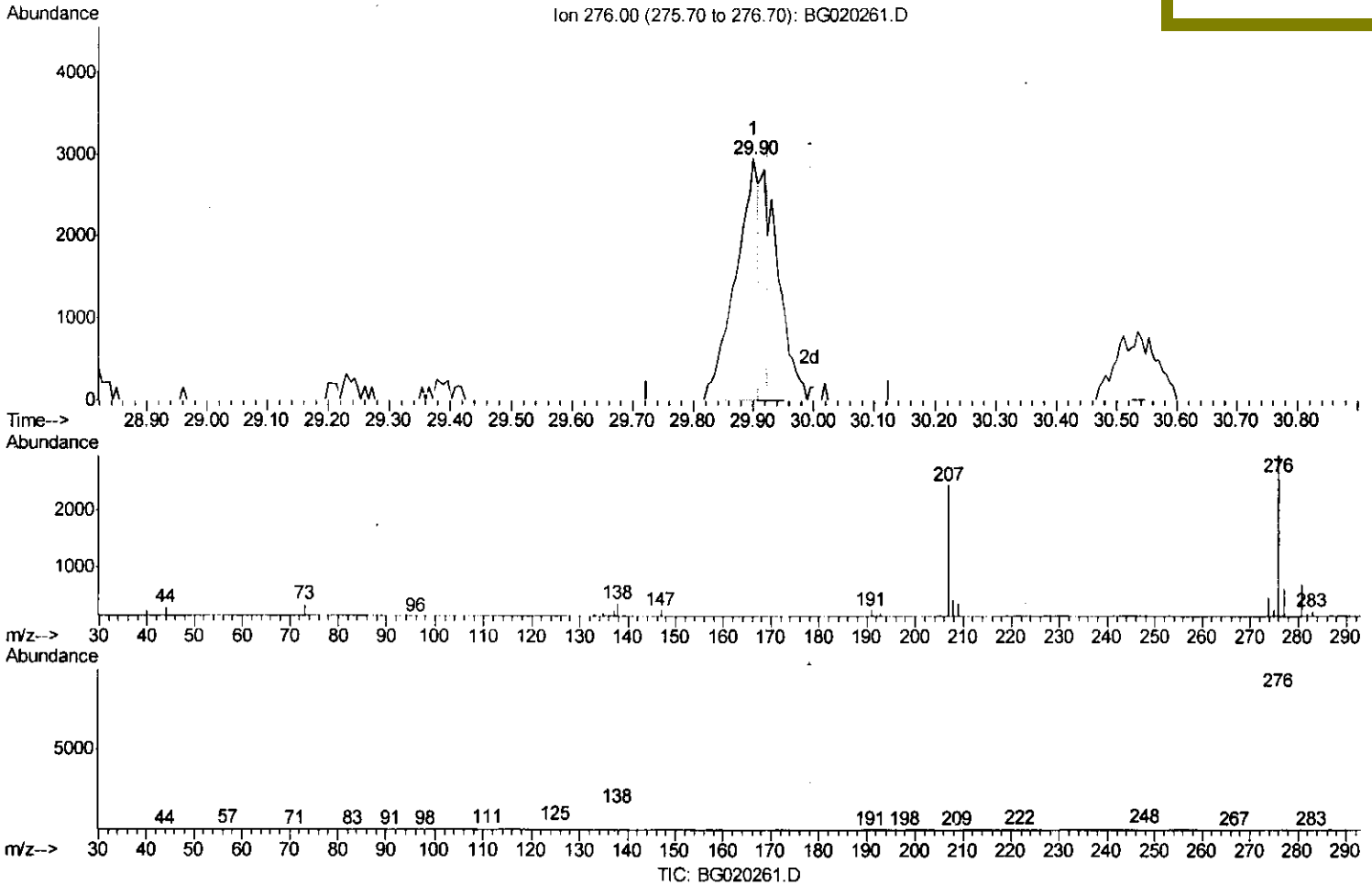
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
 Data File : BG020261.D
 Acq On : 18 Dec 2015 1:24
 Operator : UM/SJ
 Sample : G4767-19DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N41DL

Manual Integrations
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Quant Time: Dec 18 07:47:28 2015
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 Response via : Initial Calibration



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

29.900min (-0.024) 0.77ng/ul

response 7462

Ion	Exp%	Act%
276.00	100	100
138.00	13.50	13.33
277.00	24.90	21.93
0.00	0.00	0.00

Quantitation Report (Qedit)

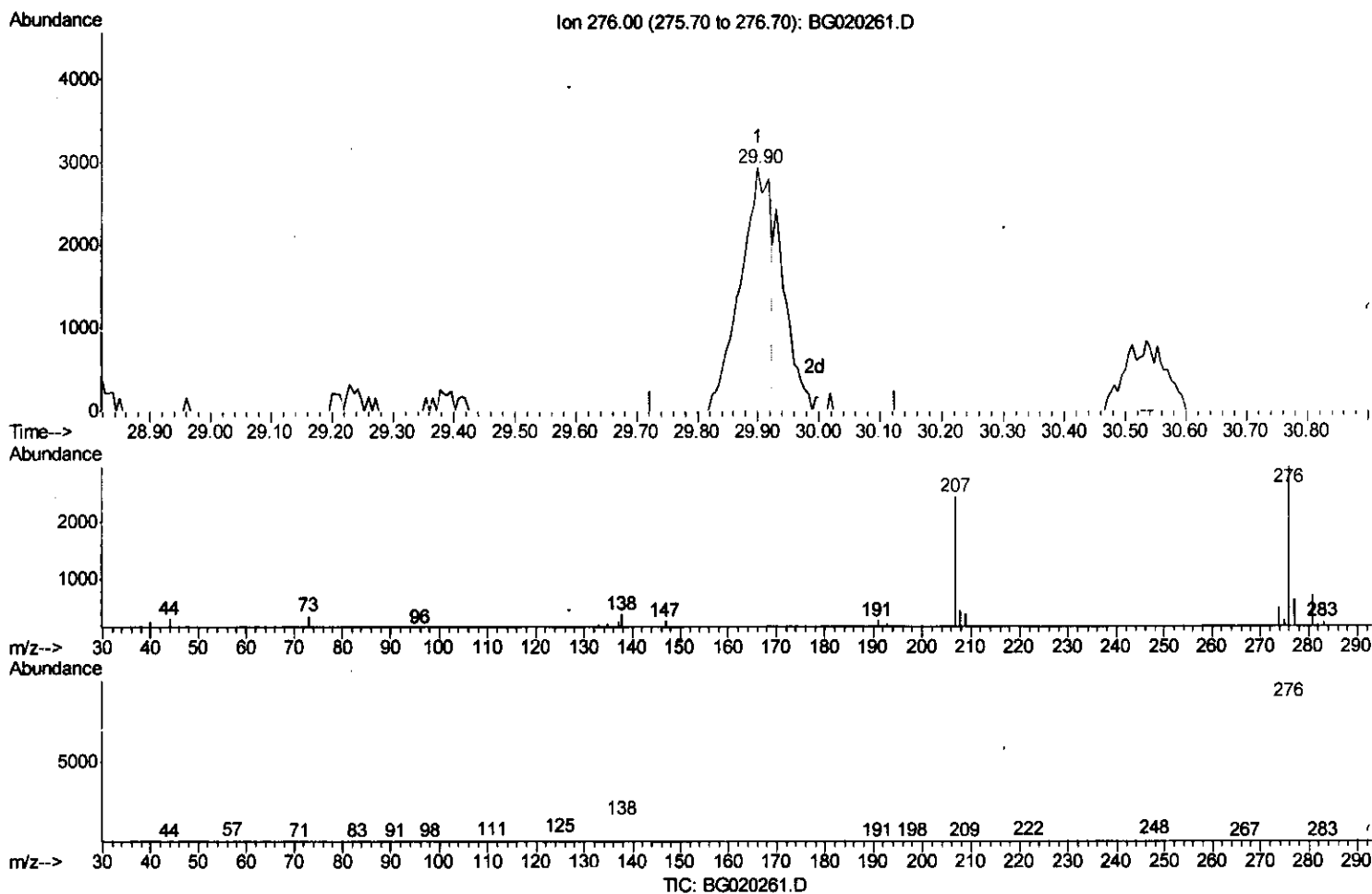
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
Data File : BG020261.D
Acq On : 18 Dec 2015 1:24
Operator : UM/SJ
Sample : G4767-19DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
Client Sampled :
D9N41DL

Manual Integrations
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Quant Time: Dec 18 07:47:28 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
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QLast Update : Fri Dec 18 02:40:02 2015
Response via : Initial Calibration



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

29.900min (-0.024) 1.42ng/ul m

response 13722

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Ion	Exp%	Act%
276.00	100	100
138.00	13.50	13.33
277.00	24.90	21.93
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
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 Acq On : 18 Dec 2015 1:24
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 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual Integration
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 12/18/2015 6:20:22 PM

Quant Time: Dec 18 07:55:57 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	18004	20.00	ng/ul	0.00
32) Naphthalene-d8	10.02	136	74829	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	54556	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	139266	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	179466	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	173009	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	270	0.83	ng/uL	0.00
5) Phenol-d5	7.24	99	9263	5.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	6110	6.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	7323	6.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	8420	6.20	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	3910	6.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	4559	7.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	8738	6.64	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	11315m	7.66	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	32769	7.43	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	34987	6.81	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	4195	5.30	ng/ul	0.00
58) Fluorene-d10	15.72	176	26964	6.74	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	3857	4.67	ng/ul	0.00
71) Anthracene-d10	17.57	188	44380	6.92	ng/ul	0.00
79) Pyrene-d10	19.85	212	53120	6.35	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	58521	6.78	ng/ul	0.00

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Target Compounds

						Qvalue
28) Naphthalene	10.97	128	814605	208.29	ng/ul	96
34) 2-Methylnaphthalene	12.56	142	266232	89.12	ng/ul	96
35) 1-Methylnaphthalene	12.78	142	134085	46.69	ng/ul#	100
41) 1,1'-Biphenyl	13.56	154	117143	28.46	ng/ul	94
45) Dimethylphthalate	14.17	163	14587	3.24	ng/ul	99
48) Acenaphthylene	14.45	152	39009	7.15	ng/ul	98
50) Acenaphthene	14.79	153	508074	138.44	ng/ul	98
54) Dibenzofuran	15.12	168	541857	99.25	ng/ul	100
59) Fluorene	15.78	166	508063	115.89	ng/ul	98
70) Phenanthrene	17.53	178	2088516m	274.17	ng/ul	99
72) Anthracene	17.61	178	259126	33.54	ng/ul	99
75) Carbazole	17.87	167	190200	29.30	ng/ul	99
77) Fluoranthene	19.52	202	1311973	147.37	ng/ul	97
80) Pyrene	19.88	202	930447	85.66	ng/ul	99
83) Benzo(a)anthracene	21.73	228	226340	21.61	ng/ul	99
85) Chrysene	21.79	228	183522	18.61	ng/ul	97
88) Benzo(b)fluoranthene	23.98	252	106532	10.23	ng/ul	96
89) Benzo(k)fluoranthene	24.03	252	31866m	3.19	ng/ul	100
91) Benzo(a)pyrene	24.86	252	60180	6.10	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	28.73	276	17615m	1.50	ng/ul	100
94) Benzo(g,h,i)perylene	29.90	276	13722m	1.42	ng/ul	100

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 12/21/15

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 12/21/15

Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_G
ClientSampleId :
D9N41DL

Manual Integrations
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