Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG121815\
Data File : BG020260.D
Acq On : 18 Dec 2015 00:44
Operator : UM/SJ
Sample : G4767-18DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 18 07:37:53 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

Instrument :
BNA_G
ClientSampleId :
D9N40DL

Manual Integrations APPROVED
MMdadoda
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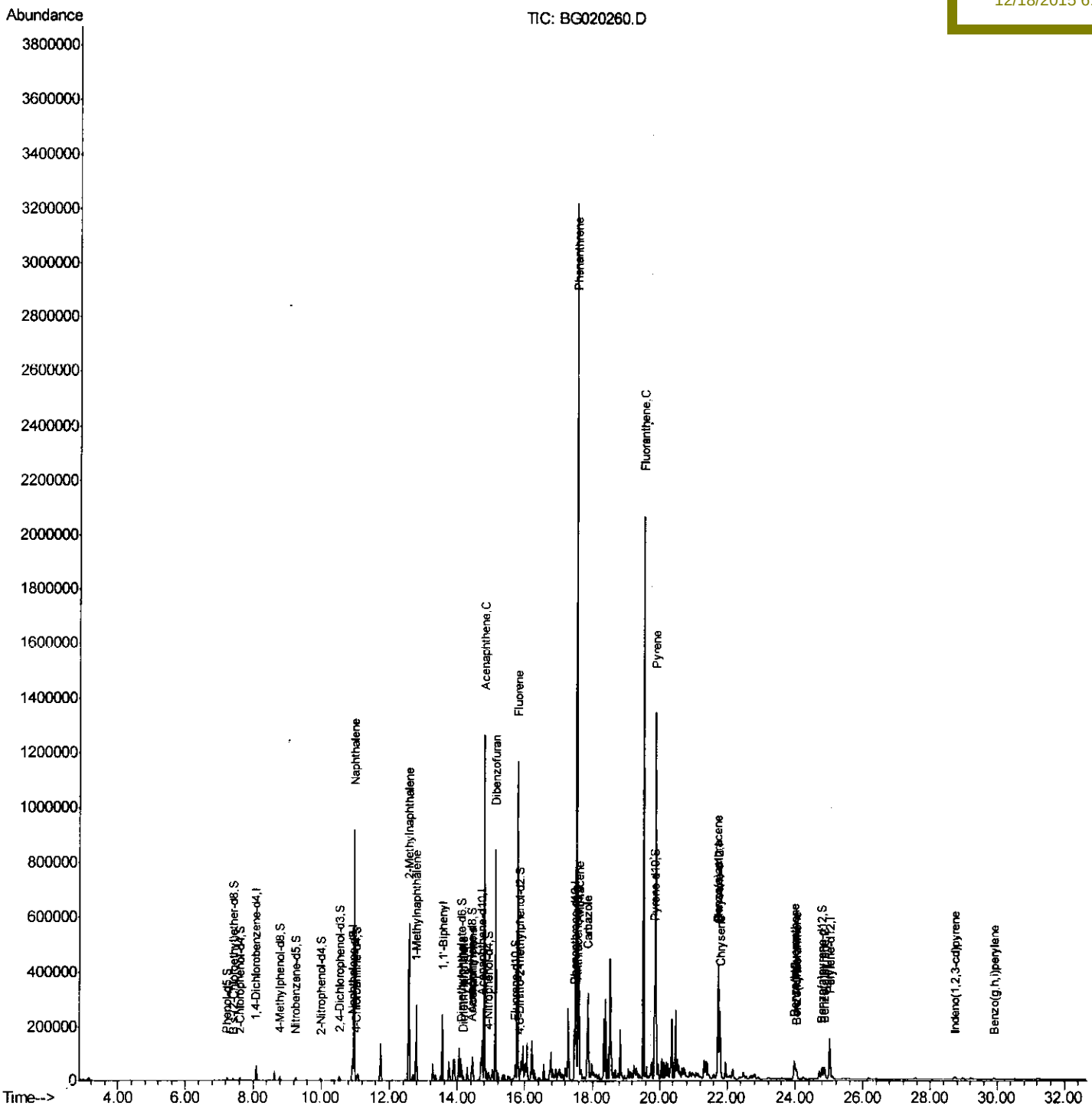

Quantitation Report (Qedit)

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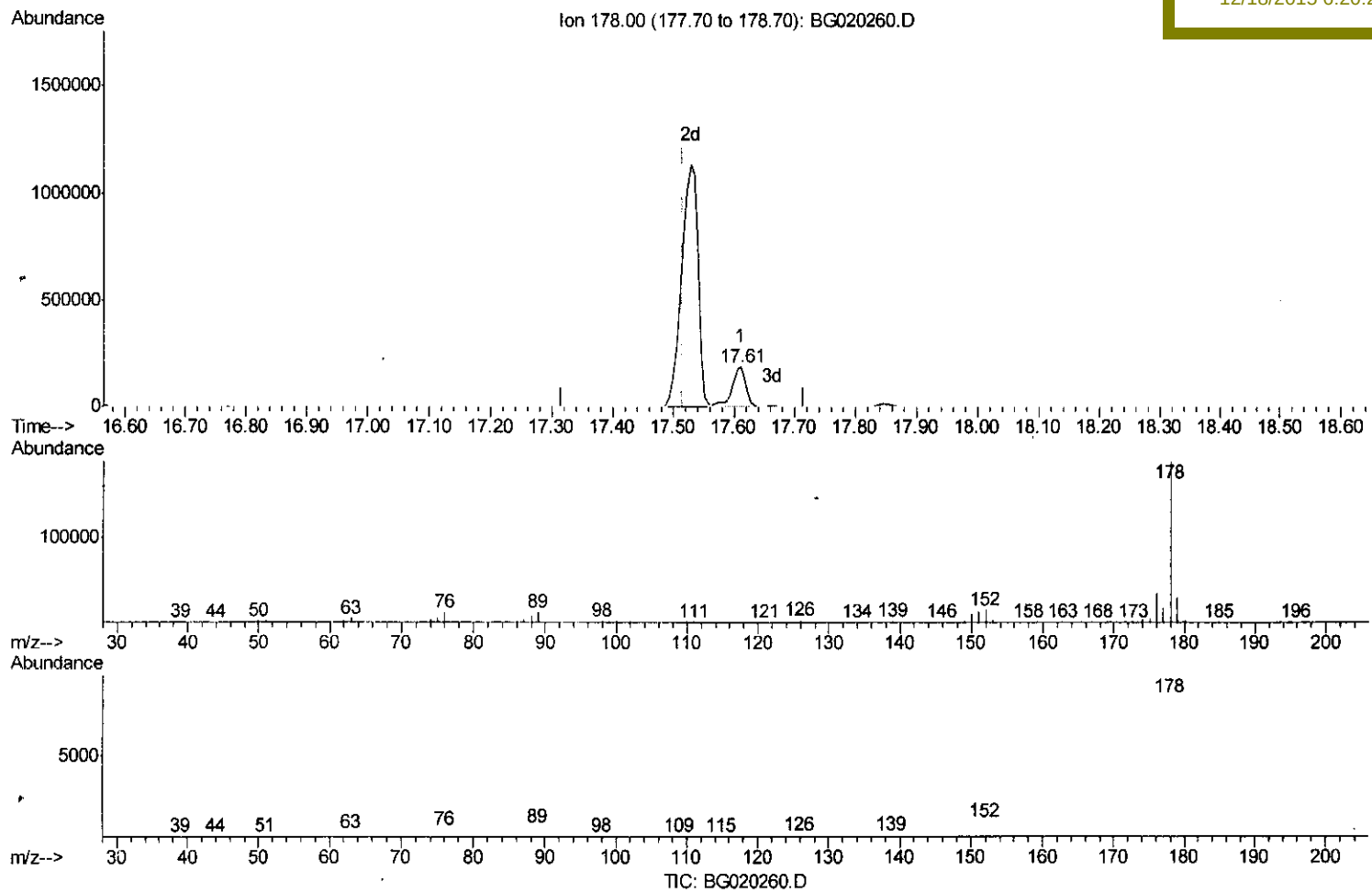

TIC: BG020260.D

(70) Phenanthrene

17.611min (+0.096) 41.22ng/ul

response 298909

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	15.78
176.00	19.10	18.43
0.00	0.00	0.00

Quantitation Report (Qedit)

Instrument :
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ClientSampleId :
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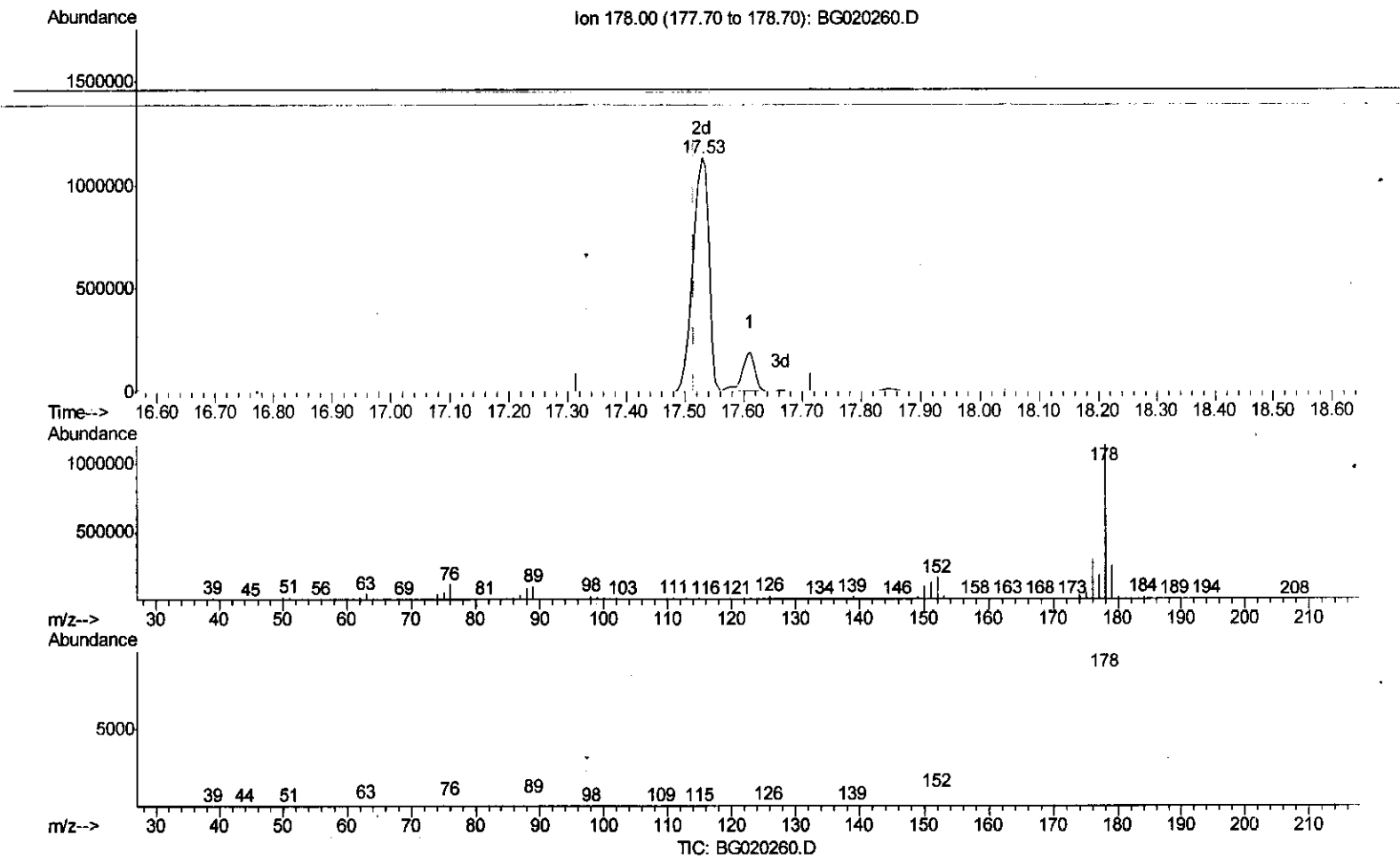

TIC: BG020260.D

(70) Phenanthrene

17.528min (+0.013) 295.82ng/ul m UM
12/21/15

response 2145182

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	21.94#
176.00	19.10	26.07#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :
BNA_G
ClientSampleId :
D9N40DL

Manual Integrations APPROVED
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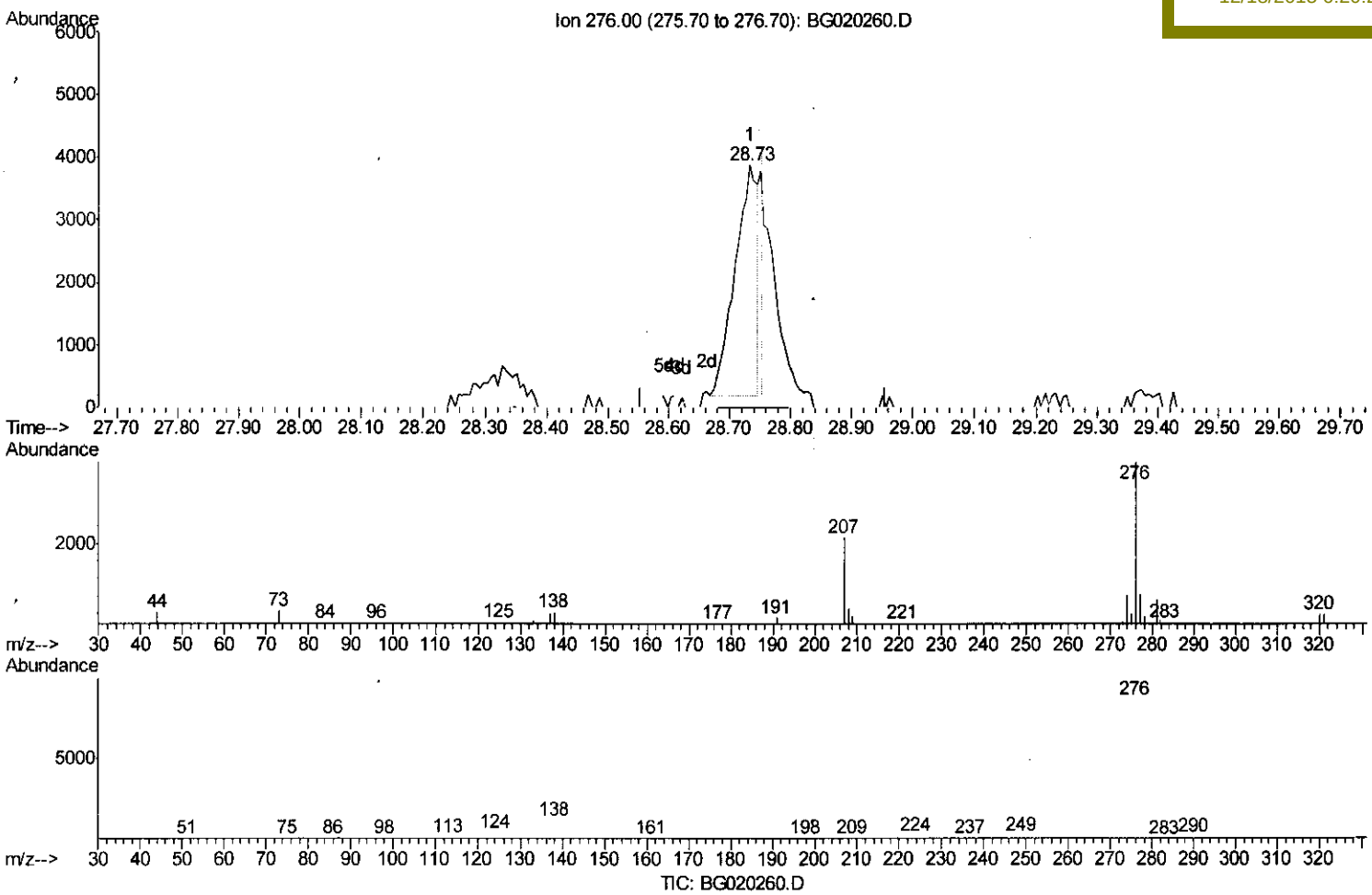

(92) Indeno(1,2,3-cd)pyrene

28.733min (-0.022) 0.80ng/ul

response 9200

Ion	Exp%	Act%
276.00	100	100
138.00	14.20	10.63#
277.00	21.70	21.93
0.00	0.00	0.00

Quantitation Report (Qedit)

Instrument :
BNA_G
ClientSampleId :
D9N40DL

Manual Integrations APPROVED
MMdadoda
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Operator : UM/SJ
Sample : G4767-18DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

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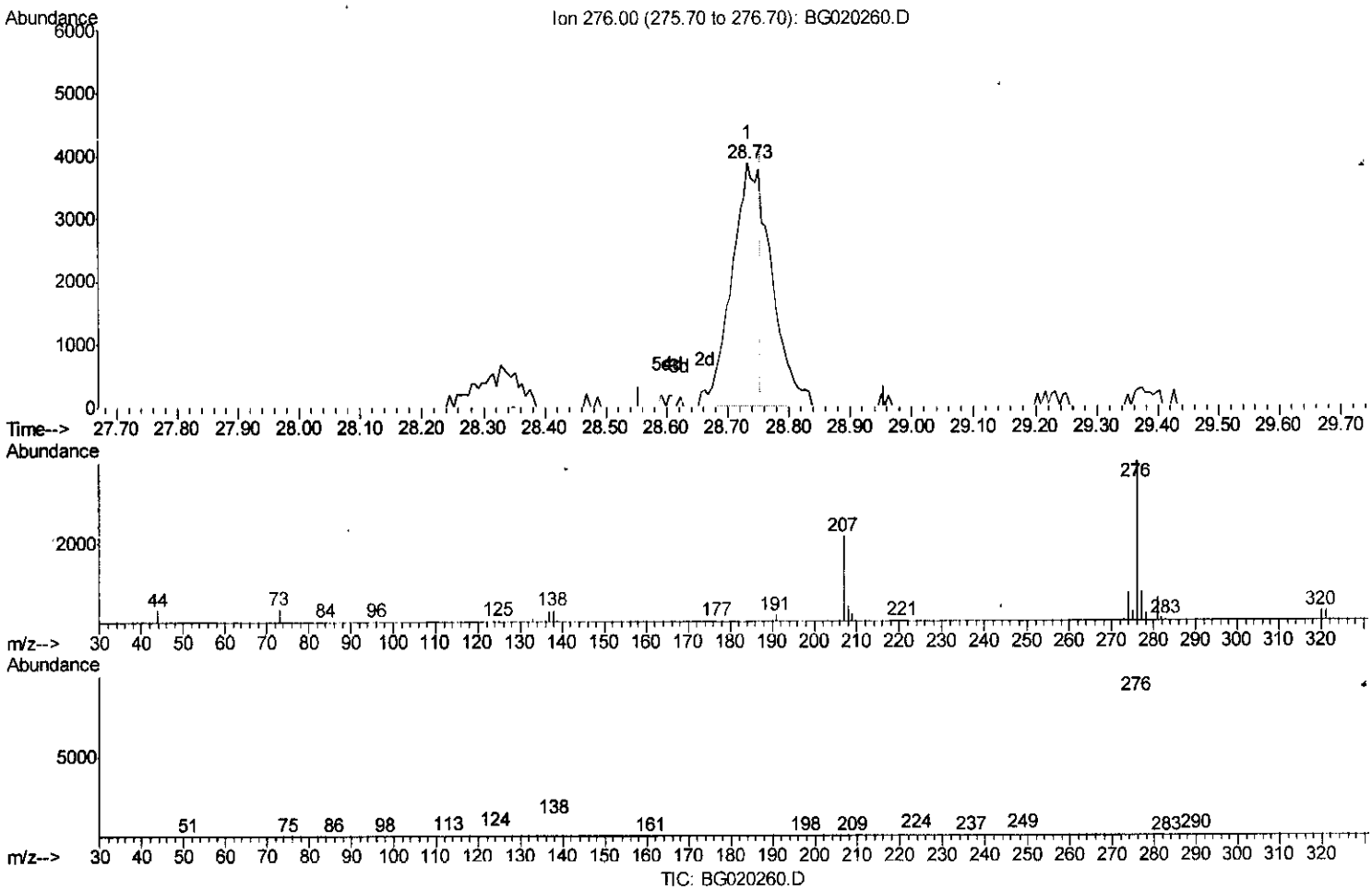

(92) Indeno(1,2,3-cd)pyrene

28.733min (-0.022) 1.51ng/ul m UM 12/21/15

response 17496

Ion	Exp%	Act%
276.00	100	100
138.00	14.20	10.63#
277.00	21.70	21.93
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : UM/SJ
Sample : G4767-18DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

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Instrument :
BNA_G
ClientSampleId :
D9N40DL

Manual Integrations APPROVED
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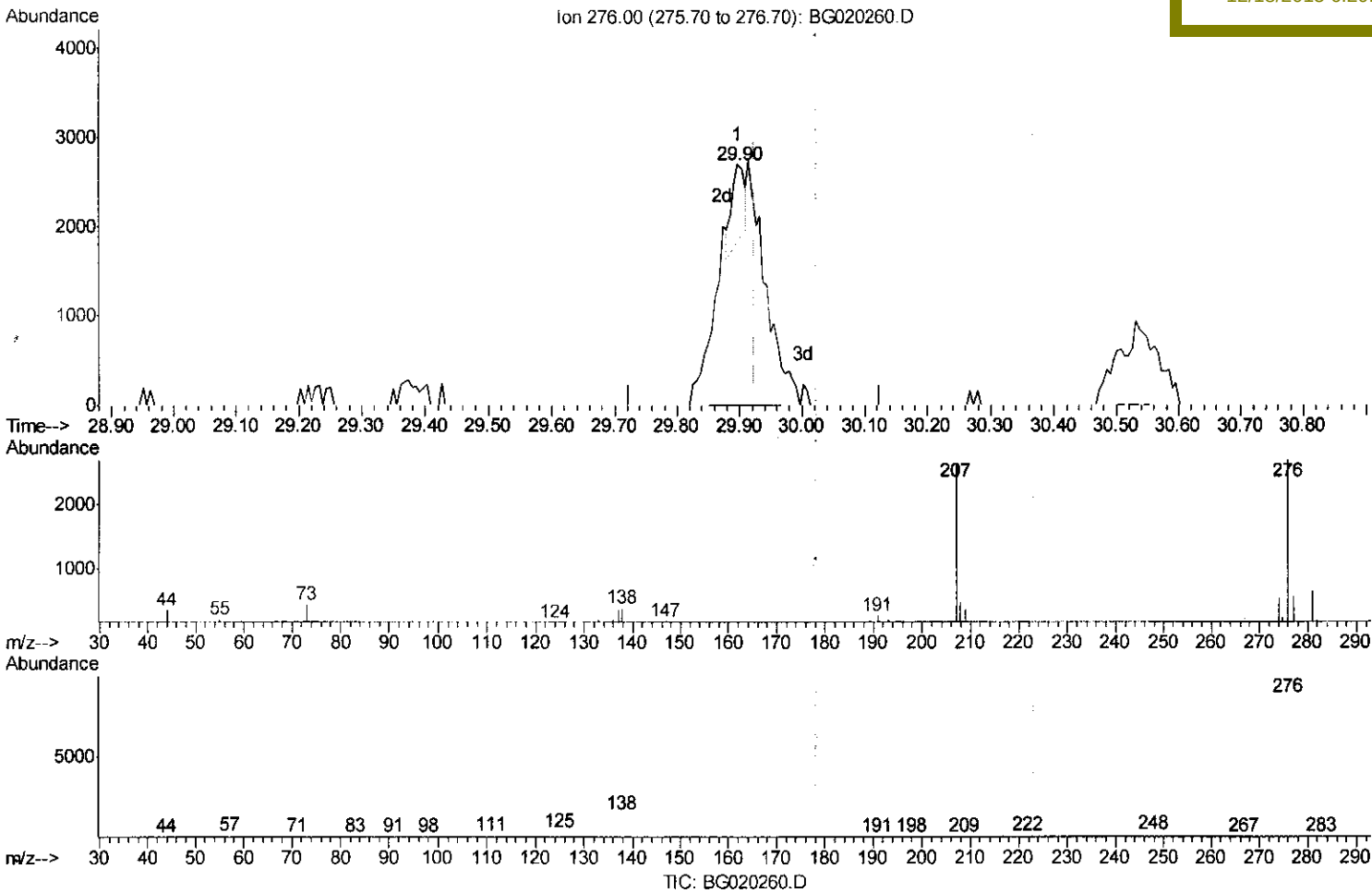

TIC: BG020260.D

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

29.896min (-0.028) 0.13ng/ul

response 1211

Ion	Exp%	Act%
276.00	100	100
138.00	13.50	14.14
277.00	24.90	21.10
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : UM/SJ
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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Instrument :
BNA_G
ClientSampleId :
D9N40DL

Manual Integrations APPROVED
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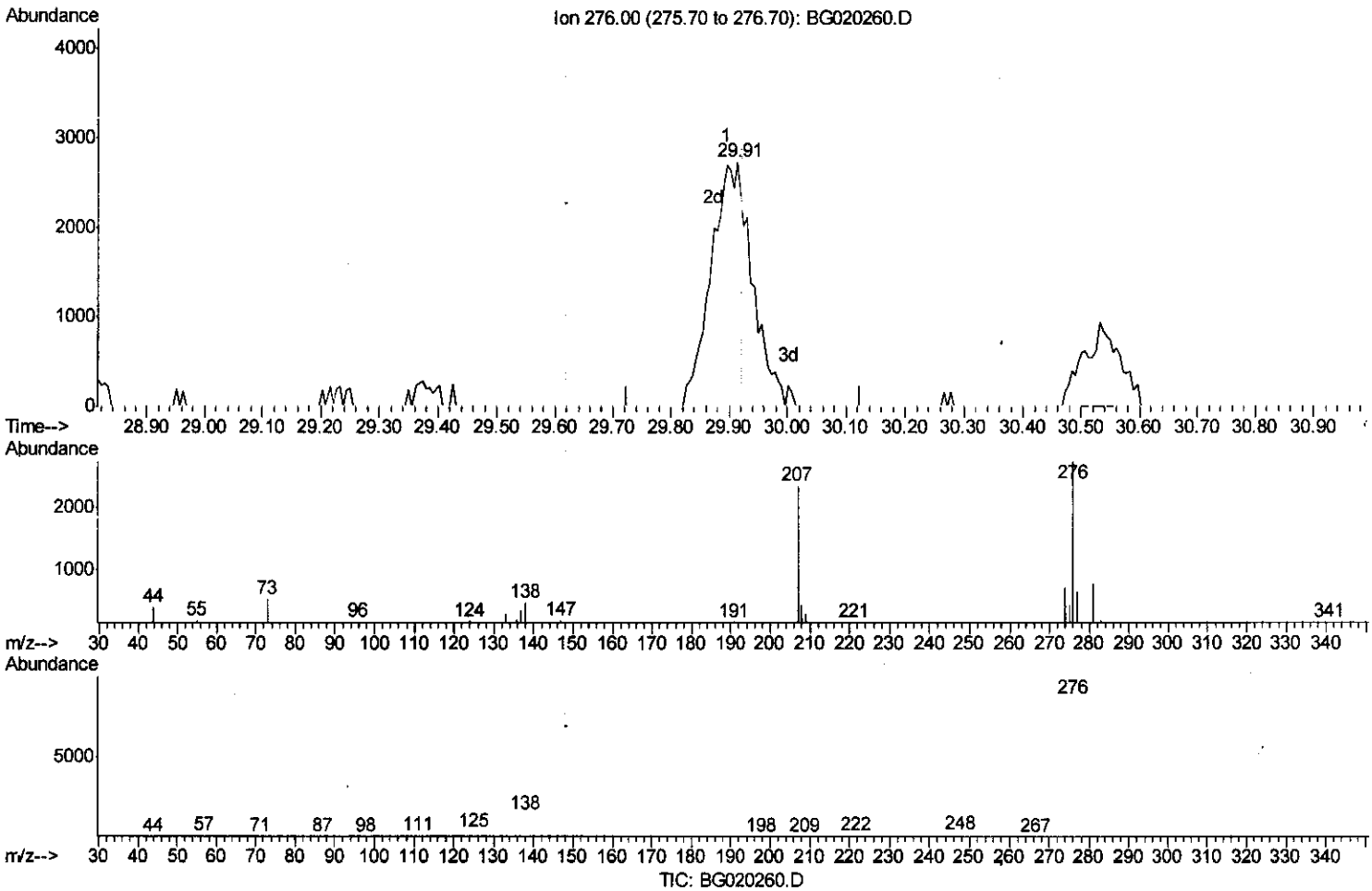

(94) Benzo(g,h,i)perylene

29.914min (-0.010) 1.41ng/ul m U.M 12/21/15

response 13360

Ion	Exp%	Act%
276.00	100	100
138.00	13.50	17.30#
277.00	24.90	23.68
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Instrument : BNA_G
ClientSampleId : D9N40DL

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	16945	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	73457	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	54002	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.48	188	132573	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	176892	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	170268	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	266	0.87	ng/uL	0.00
5) Phenol-d5	7.24	99	8260	5.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	5187	5.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	6420	5.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	6959	5.45	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	3355	5.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	4128	6.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	7510	5.82	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	9487	6.54	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	29788	6.82	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	32557	6.41	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	4137	5.28	ng/ul	0.00
58) Fluorene-d10	15.72	176	25601	6.46	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	3297	4.20	ng/ul	0.00
71) Anthracene-d10	17.58	188	41023	6.72	ng/ul	0.00
79) Pyrene-d10	19.86	212	48321	5.86	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	54957	6.47	ng/ul	-0.01
Target Compounds						Qvalue
28) Naphthalene	10.97	128	795848	207.47	ng/ul	96
34) 2-Methylnaphthalene	12.56	142	272843	93.12	ng/ul	99
35) 1-Methylnaphthalene	12.78	142	137334	48.75	ng/ul	96
41) 1,1'-Biphenyl	13.56	154	123502	30.31	ng/ul	97
45) Dimethylphthalate	14.17	163	11660	2.61	ng/ul#	95
48) Acenaphthylene	14.45	152	42912	7.95	ng/ul#	96
50) Acenaphthene	14.80	153	530515	146.04	ng/ul	98
54) Dibenzofuran	15.13	168	562888	104.16	ng/ul	98
59) Fluorene	15.78	166	538993	124.20	ng/ul	98
70) Phenanthrene	17.53	178	2145182m	295.82	ng/ul	
72) Anthracene	17.61	178	298909	40.64	ng/ul	99
75) Carbazole	17.88	167	209995	33.98	ng/ul	98
77) Fluoranthene	19.53	202	1330949	157.05	ng/ul	98
80) Pyrene	19.88	202	940223	87.82	ng/ul	99
83) Benzo(a)anthracene	21.72	228	223925	21.69	ng/ul	99
85) Chrysene	21.79	228	190881	19.64	ng/ul	98
88) Benzo(b)fluoranthene	23.97	252	96919	9.46	ng/ul	99
89) Benzo(k)fluoranthene	24.04	252	29368	2.99	ng/ul	99
91) Benzo(a)pyrene	24.86	252	59656	6.14	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.73	276	17496m	1.51	ng/ul	
94) Benzo(g,h,i)perylene	29.91	276	13360m	1.41	ng/ul	

U.M 12/21/15

U.M 12/21/15

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Instrument :
BNA_G
ClientSampleId :
D9N40DL

Manual Integrations APPROVED
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12/18/2015 6:20:21 PM