Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051916\
Data File : BG021964.D
Acq On : 19 May 2016 15:29
Operator : UM/SJ
Sample : H3092-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 20 06:52:43 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 20 05:44:47 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9XD2

Manual Integrations APPROVED
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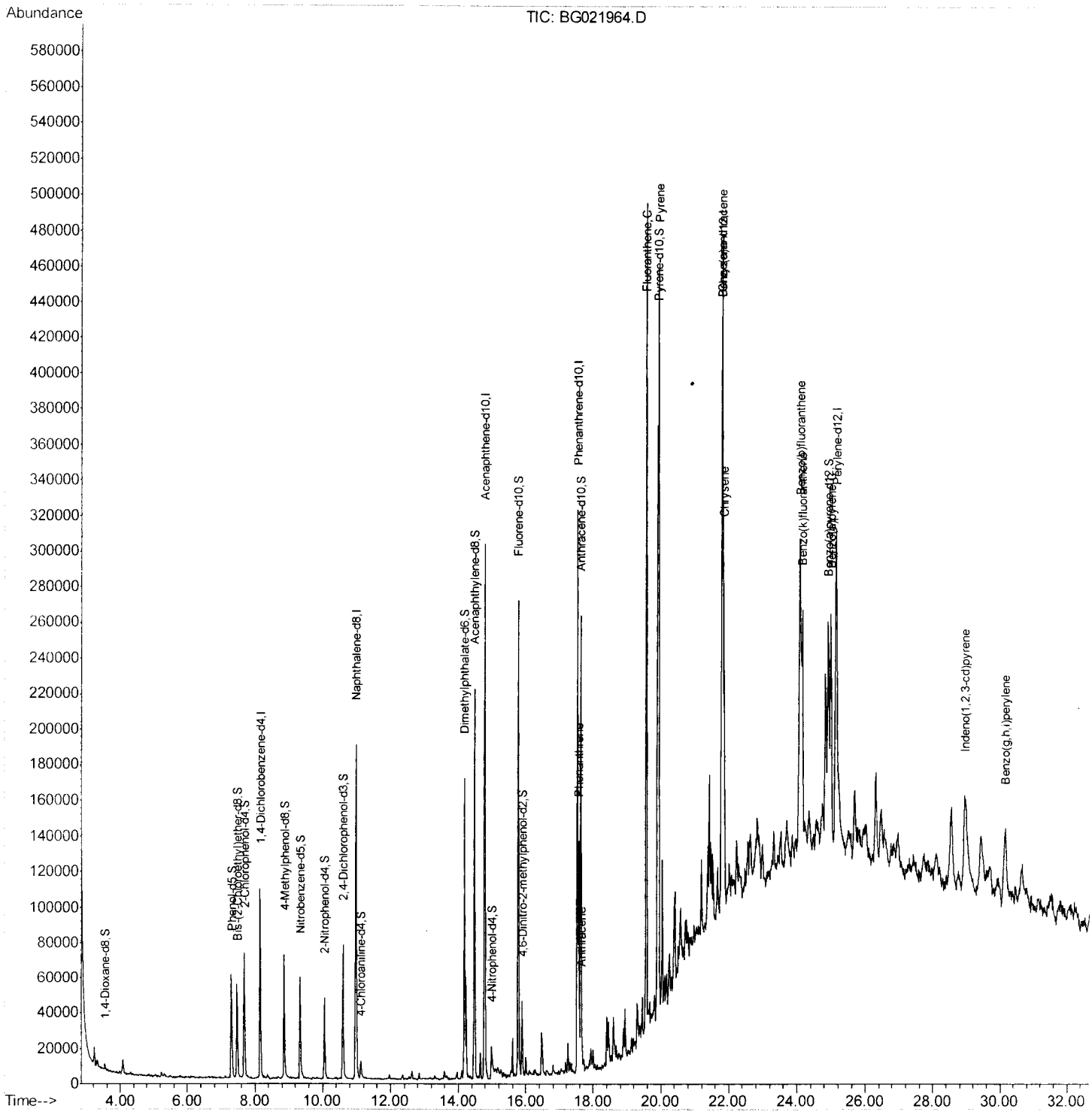

Quantitation Report (Qedit)

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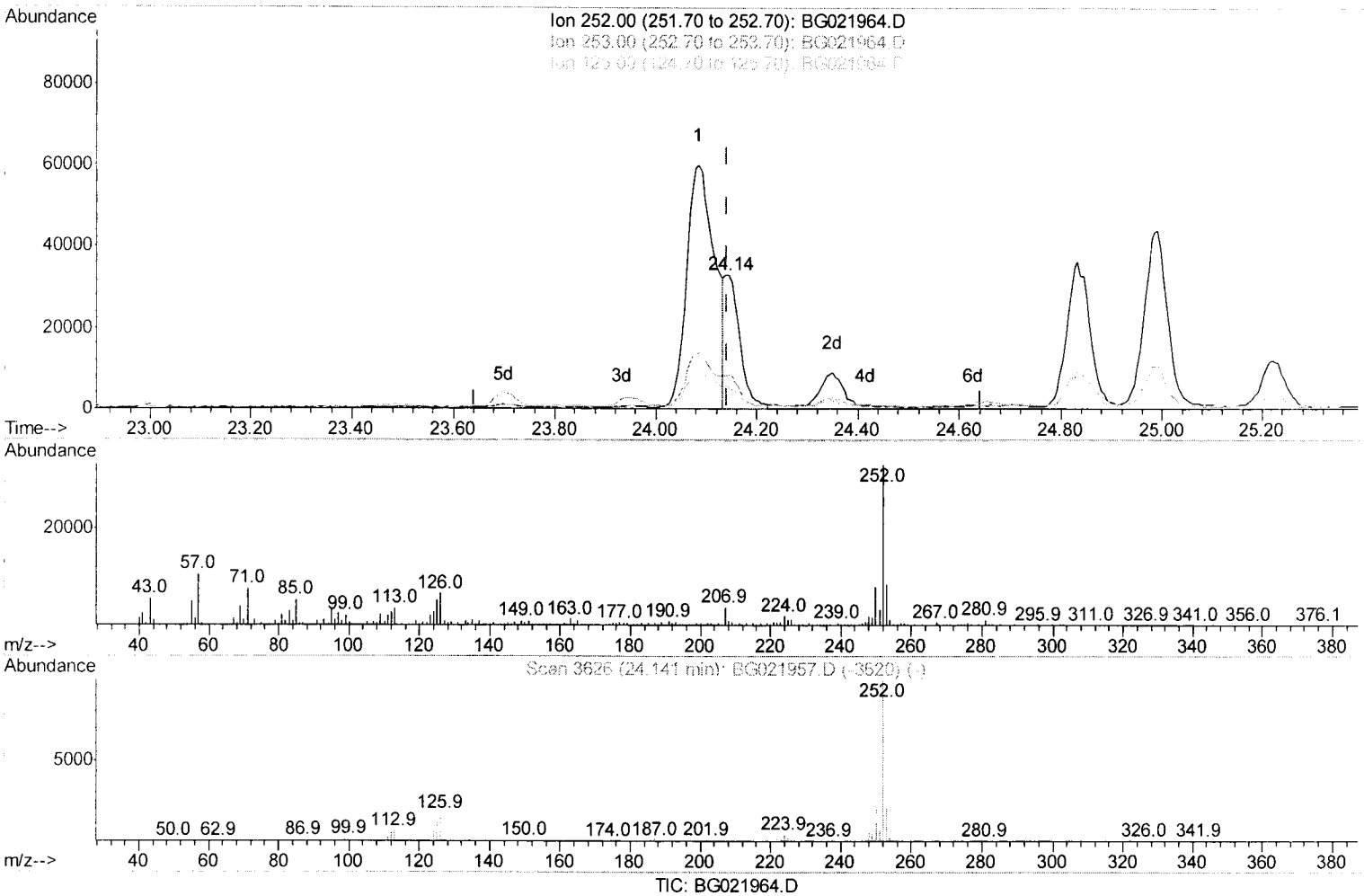

TIC: BG021964.D

(36) Benzo(k)fluoranthene

24.145min (+0.003) 6.70ng/ul m

response 67834

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Ion	Exp%	Act%
252.00	100	100
253.00	22.30	25.50
125.00	9.60	16.07#
0.00	0.00	0.00

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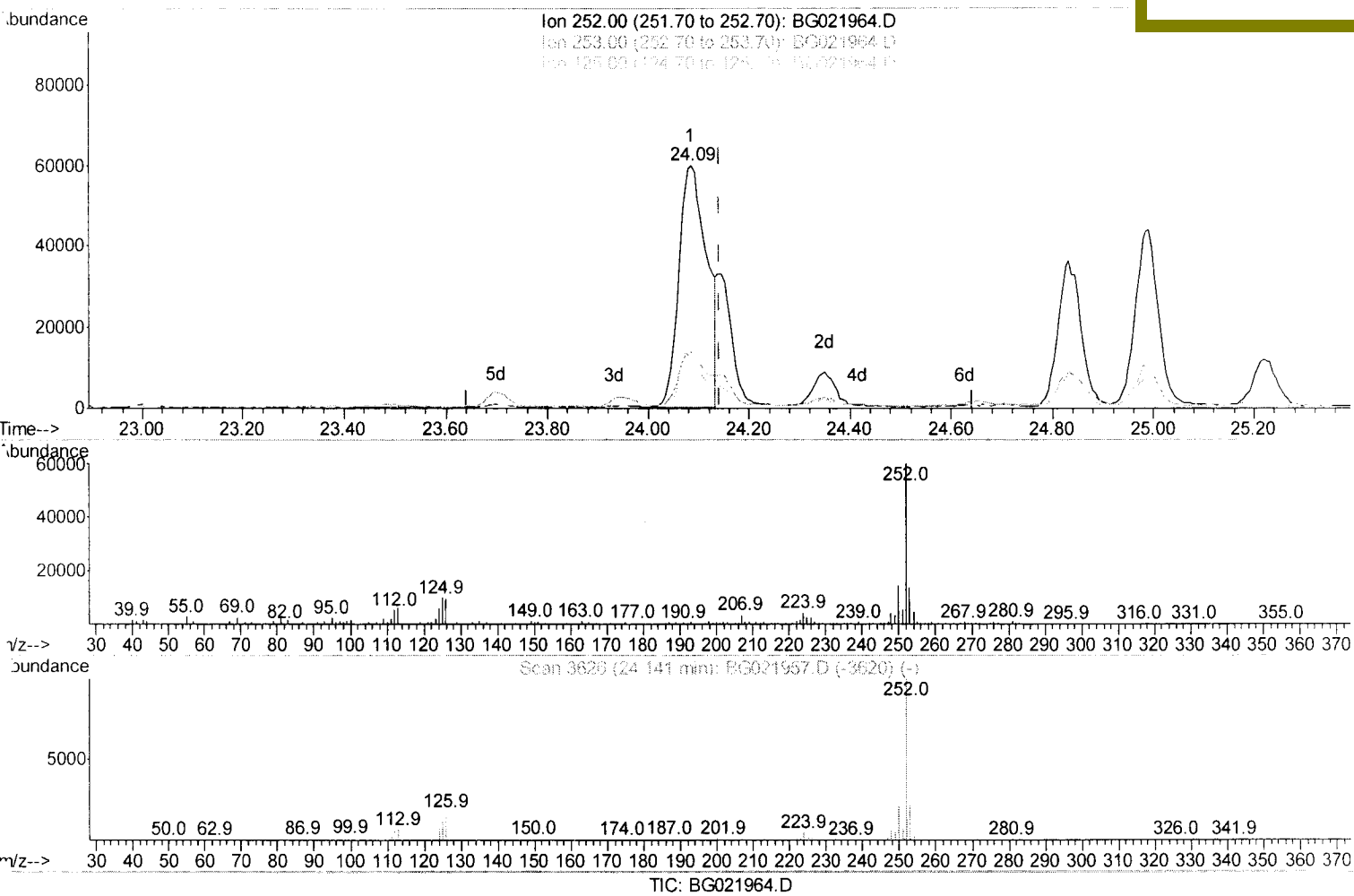

(36) Benzo(k)fluoranthene

24.086min (-0.055) 22.68ng/ul

response 229438

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	23.12
125.00	9.60	16.64#
0.00	0.00	0.00

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Manual Integrations APPROVED
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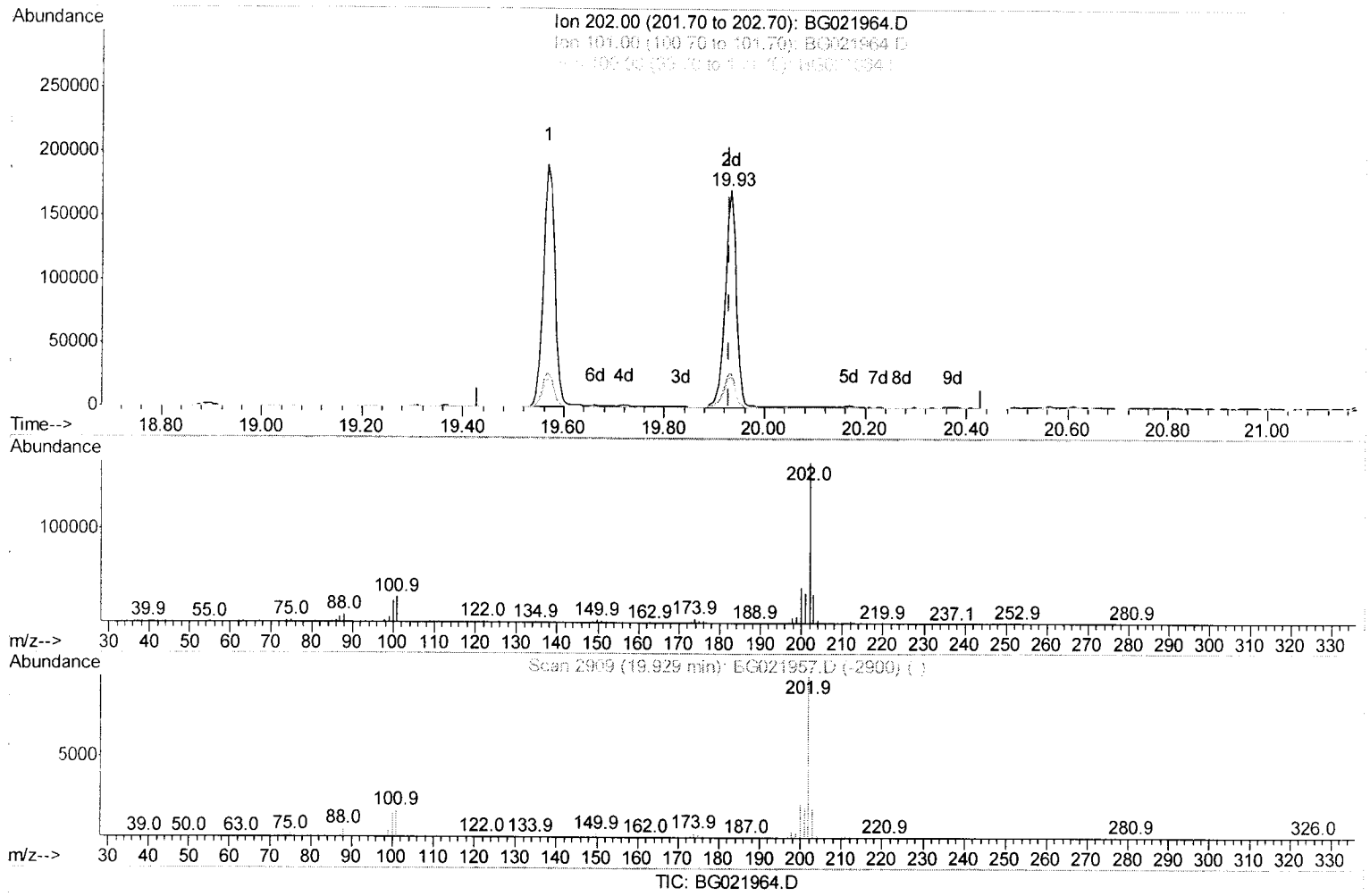

(31) Pyrene

19.932min (+0.003) 19.99ng/ul m

response 267070

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	16.42#
100.00	11.60	14.03#
0.00	0.00	0.00

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Manual Integrations APPROVED
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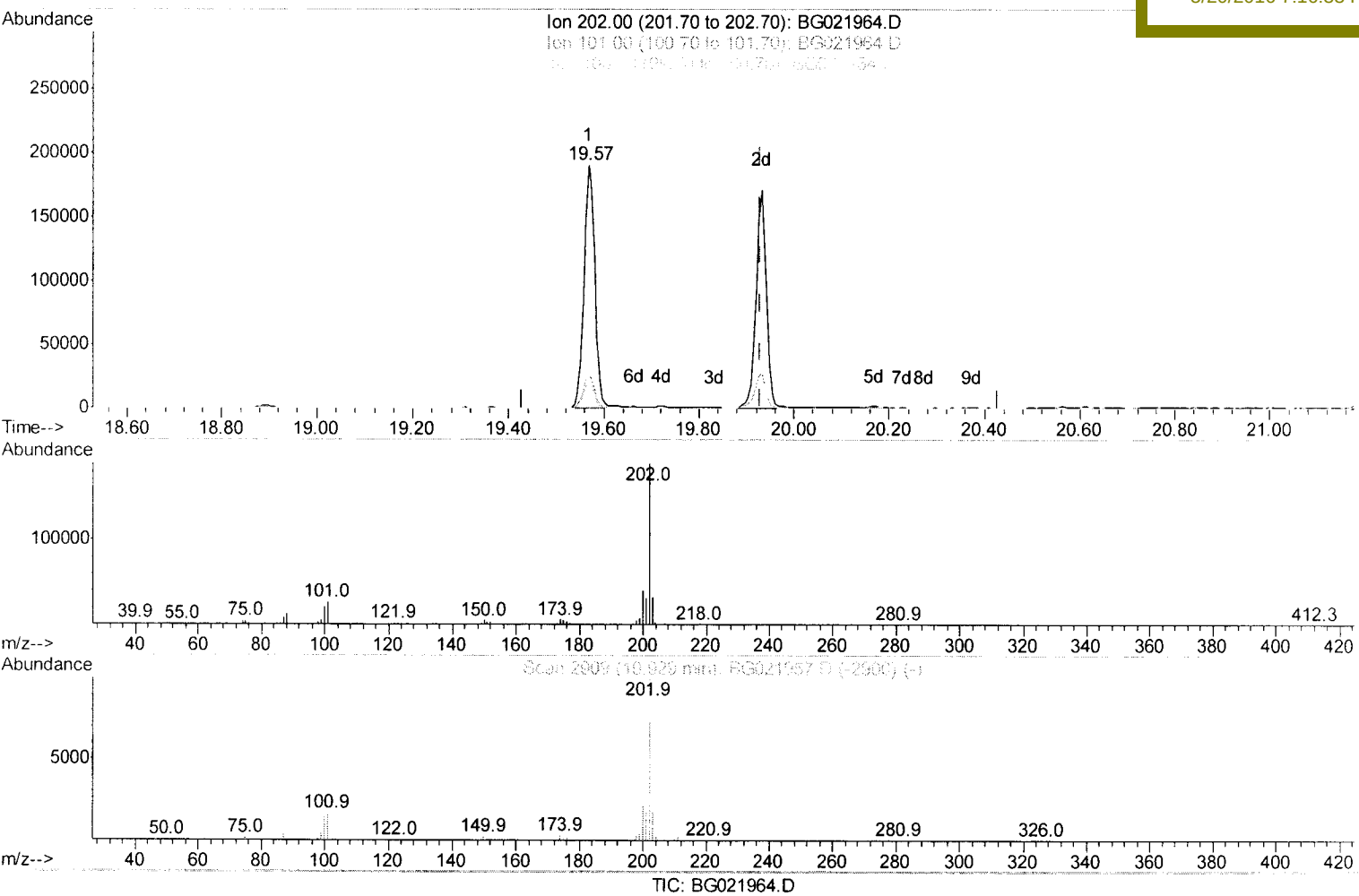

(31) Pyrene

19.568min (-0.361) 22.69ng/ul

response 303222

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	14.07
100.00	11.60	11.37
0.00	0.00	0.00

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ClientSampleId :
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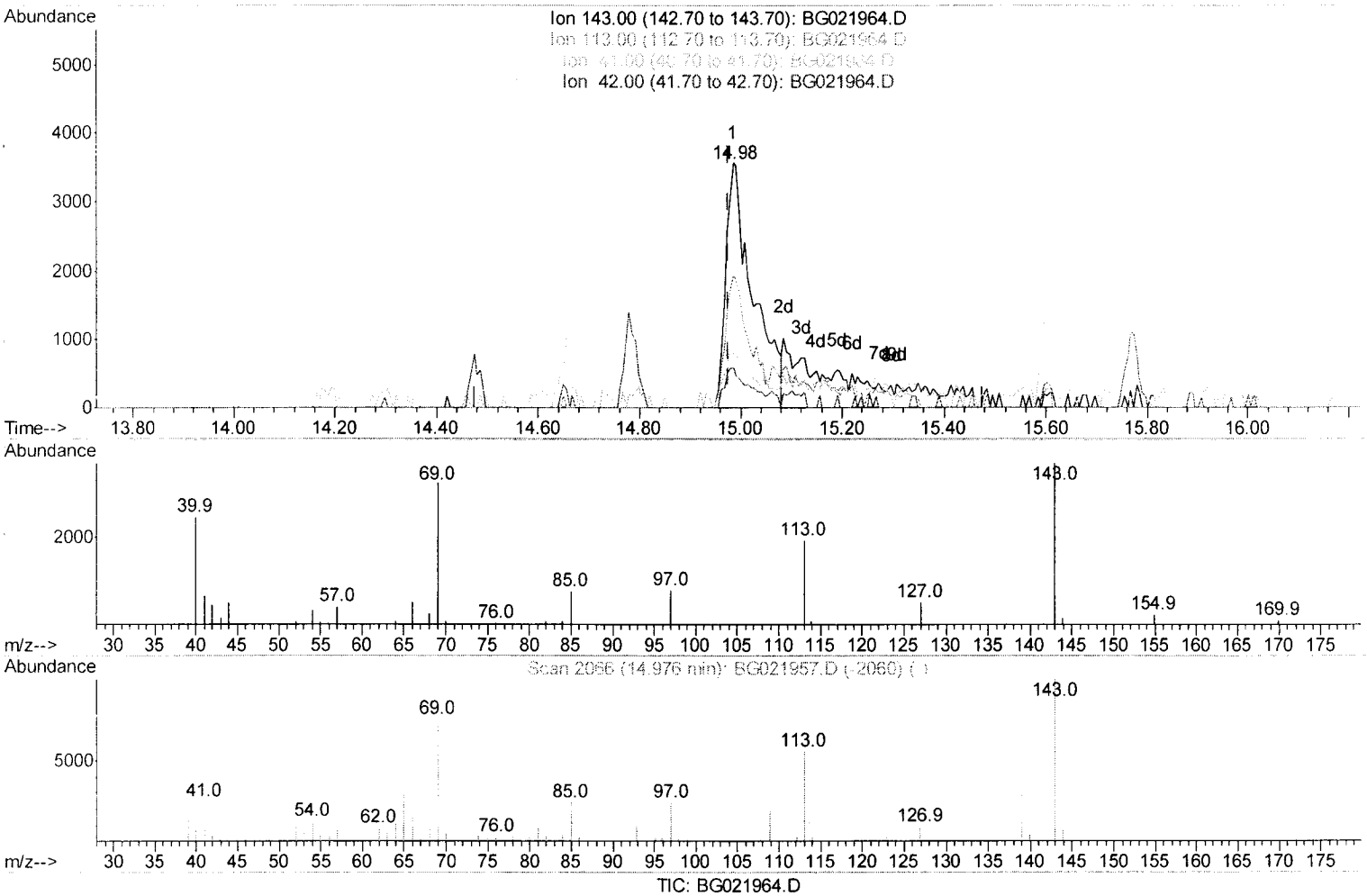

TIC: BG021964.D

(20) 4-Nitrophenol-d4 (S)

14.985min (+0.009) 8.75ng/ul m

response 13344

U.M.
05/23/16

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	54.47#
41.00	49.70	21.87#
42.00	33.70	16.54#

Quantitation Report (Qedit)

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Instrument :
BNA_G
ClientSampleId :
D9XD2

Manual Integrations APPROVED
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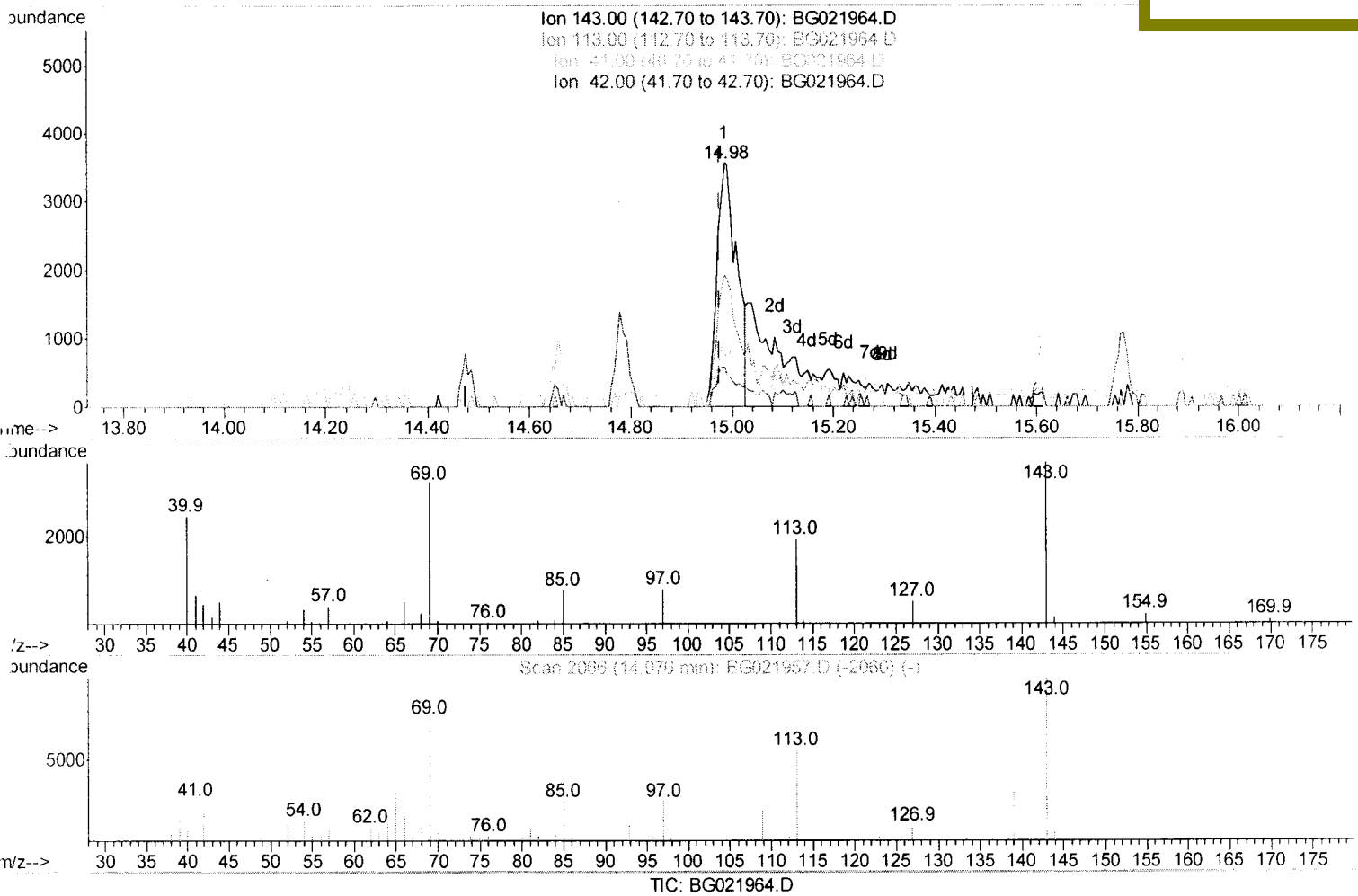

TIC: BG021964.D

(20) 4-Nitrophenol-d4 (S)

14.985min (+0.009) 6.42ng/ul

response 9790

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	54.47#
41.00	49.70	21.87#
42.00	33.70	16.54#

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Instrument : BNA_G
ClientSampleId : D9XD2

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	40064	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	205159	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	112455	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.52	188	219555	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	194039	20.00	ng/ul	0.00
34) Perylene-d12	25.15	264	178944	20.00	ng/ul	0.02
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.54	96	2464	2.82	ng/uL	0.00
3) Phenol-d5	7.31	99	52434	14.82	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.48	67	29976	15.91	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	48469	16.69	ng/ul	0.00
6) 4-Methylphenol-d8	8.86	113	37828	12.00	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	23086	16.04	ng/ul	0.00
9) 2-Nitrophenol-d4	10.06	143	24966	16.26	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.60	165	41561	15.31	ng/ul	0.00
12) 4-Chloroaniline-d4	11.12	131	10835	5.07	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	138228	15.94	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	188444	16.87	ng/ul	0.00
20) 4-Nitrophenol-d4	14.98	143	13344m	8.75	ng/ul	0.00
21) Fluorene-d10	15.77	176	124288	15.93	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.89	200	13232	12.14	ng/ul	0.00
26) Anthracene-d10	17.62	188	168598	16.67	ng/ul	0.00
30) Pyrene-d10	19.90	212	175543	17.15	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.91	264	139097	17.50	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.57	178	88341	7.53	ng/ul	98
27) Anthracene	17.66	178	13704	1.16	ng/ul	99
28) Fluoranthene	19.57	202	303222	24.86	ng/ul#	92
31) Pyrene	19.93	202	267070m	19.99	ng/ul	
32) Benzo(a)anthracene	21.79	228	133675	12.42	ng/ul	95
33) Chrysene	21.85	228	143403	13.69	ng/ul	96
35) Benzo(b)fluoranthene	24.09	252	229438	22.30	ng/ul#	93
36) Benzo(k)fluoranthene	24.14	252	67834m	6.70	ng/ul	
38) Benzo(a)pyrene	24.99	252	140093	14.24	ng/ul#	91
39) Indeno(1,2,3-cd)pyrene	28.96	276	99444	8.89	ng/ul#	86
41) Benzo(g,h,i)perylene	30.17	276	82916	8.77	ng/ul#	87

U.M. 05/23/16

U.M. 05/23/16

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