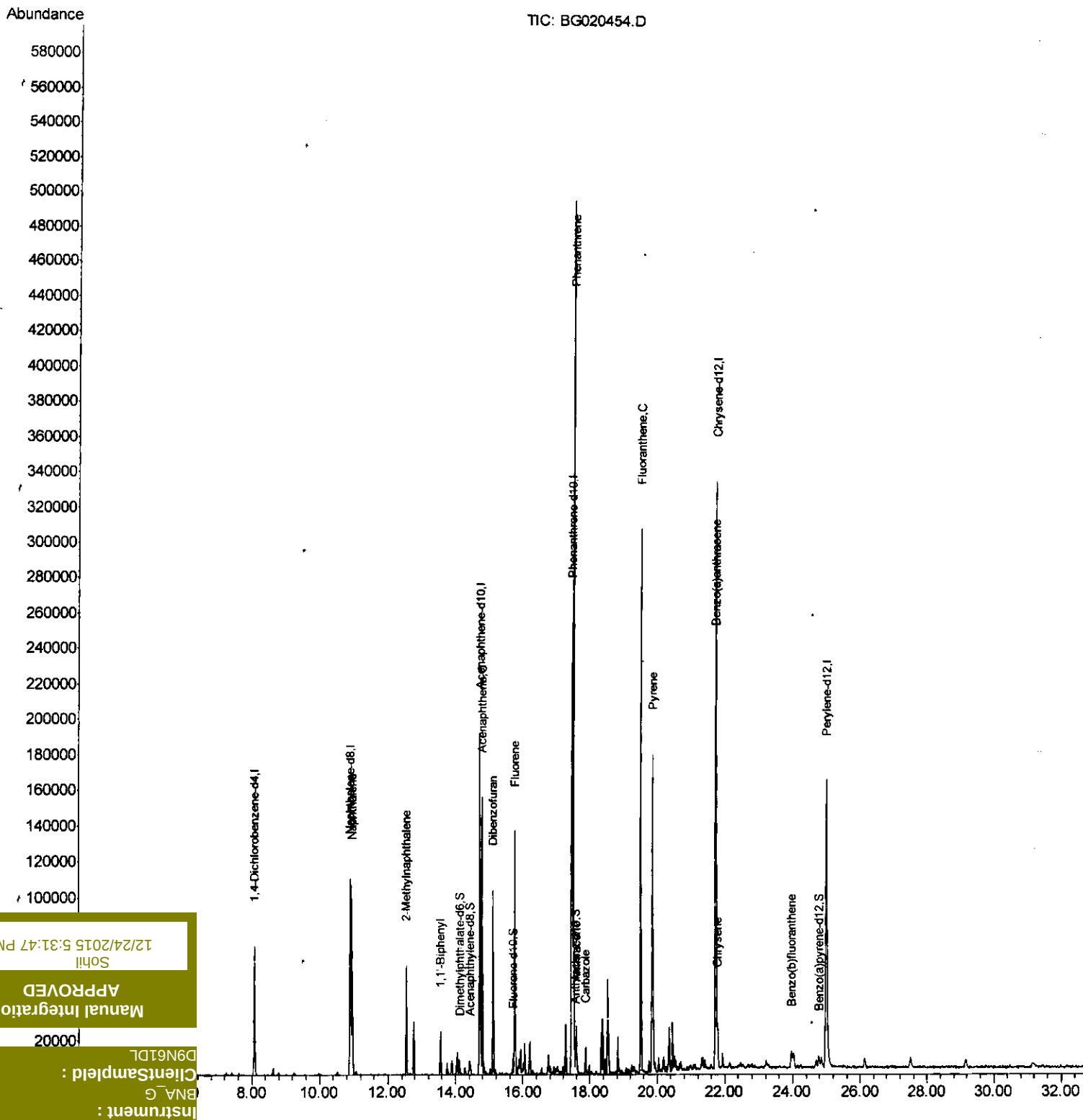


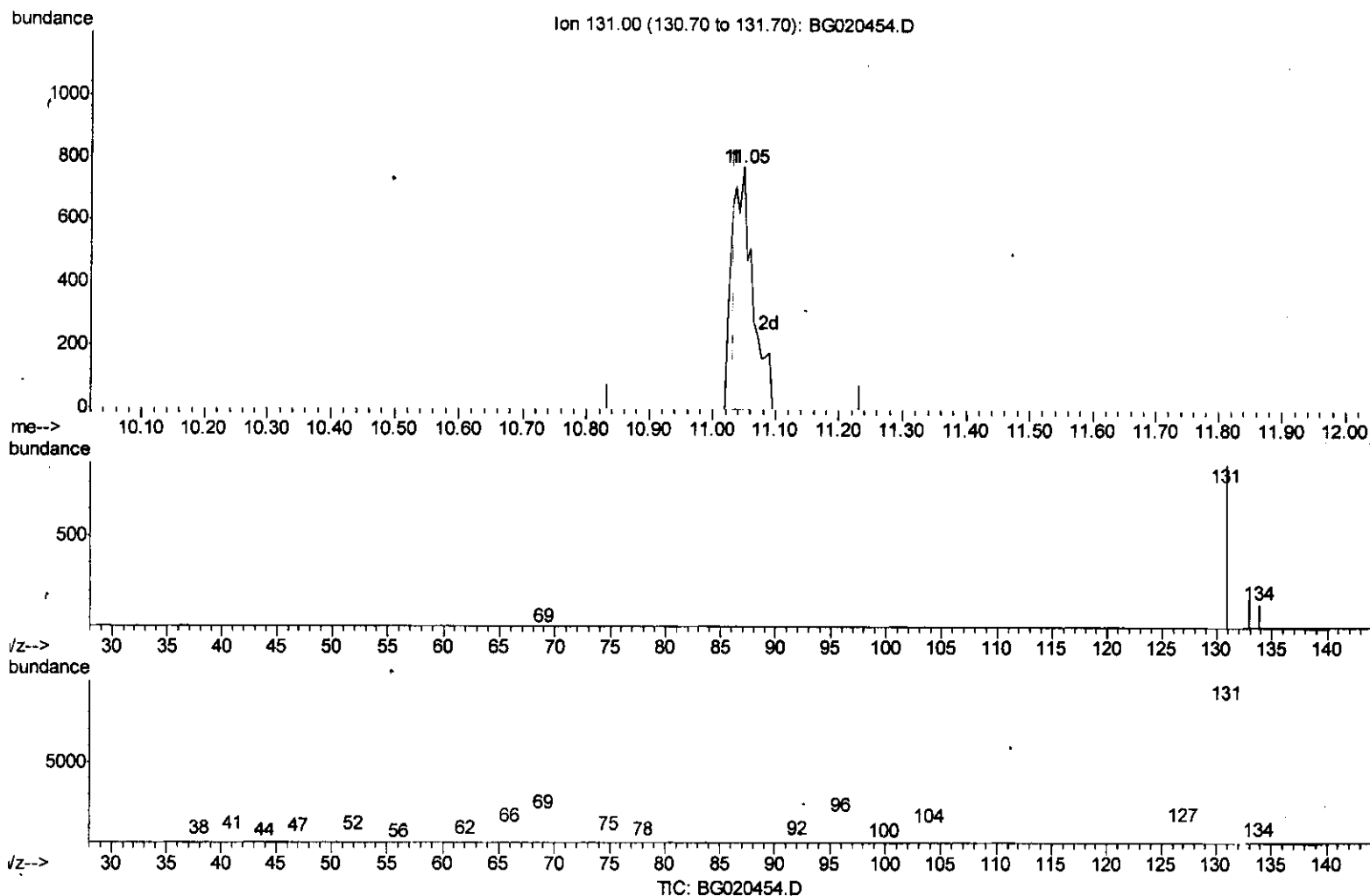
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122215\
Data File : BG020454.D
Acq On : 23 Dec 2015 22:05
Operator : UM/SJ
Sample : C4848-15DL 25X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Dec 24 03:58:35 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QIast Update : Thu Dec 24 02:43:25 2015
Response via : Initial Calibration



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122215\
Data File : BG020454.D
Acq On : 23 Dec 2015 22:05
Operator : UM/SJ
Sample : G4848-15DL 25X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Dec 24 02:51:59 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 24 02:43:25 2015
Response via : Initial Calibration



(29) 4-Chloroaniline-d4 (S)

11.048min (+0.014) 0.93ng/ul m

response 1788

Ion Exp% Act%

100

35.66

21.96#

0.00

D9N61DL

ClientSampled :

BNA_G

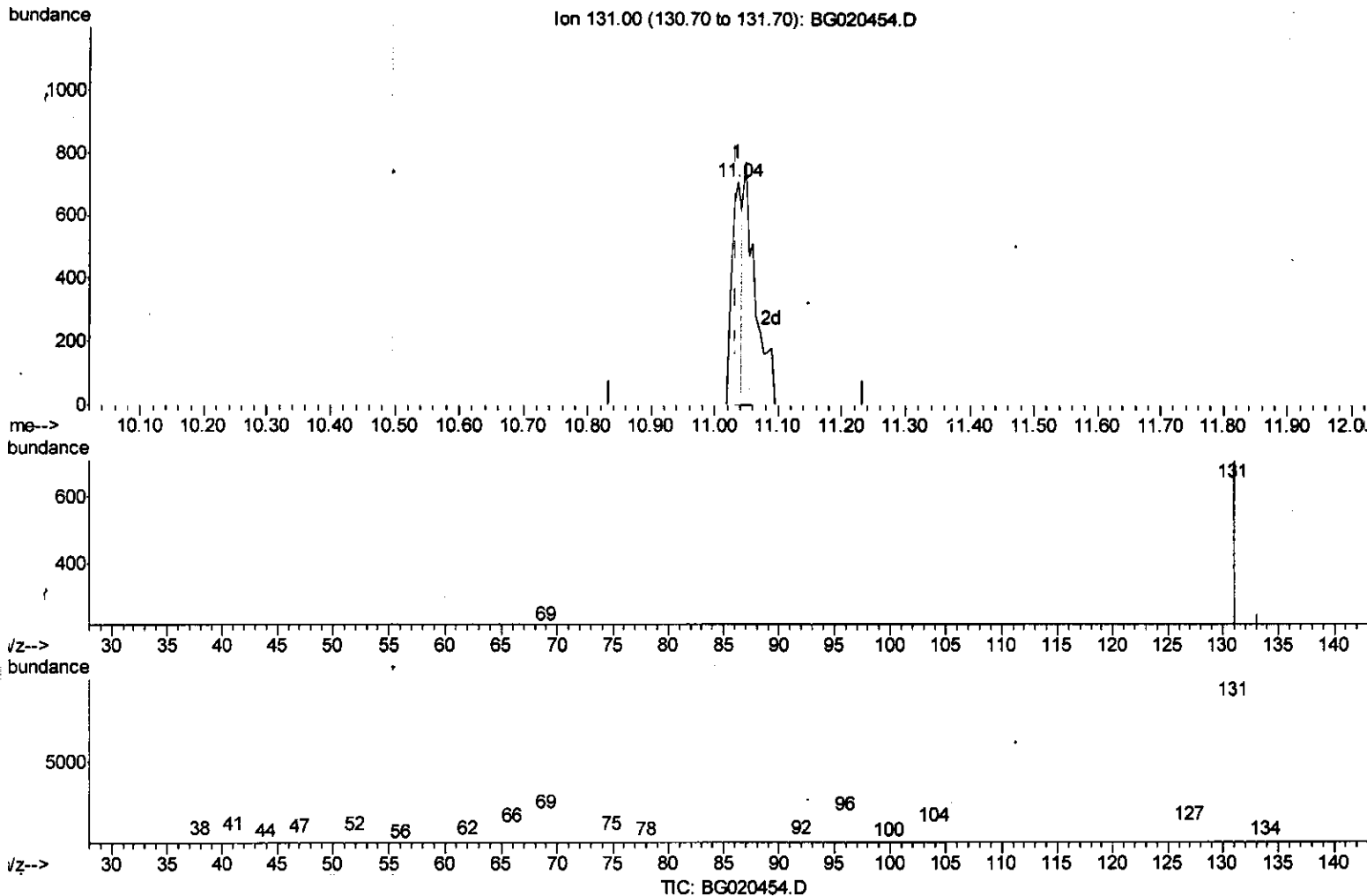
Instrument :

SOM02.2-EPA-BG121415.M Thu Dec 24 03:54:59 2015

Page: 1

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122215\
 Data File : BG020454.D
 Acq On : 23 Dec 2015 22:05
 Operator : UM/SJ
 Sample : G4848-15DL 25X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Quant Time: Dec 24 02:51:59 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 24 02:43:25 2015
 Response via : Initial Calibration



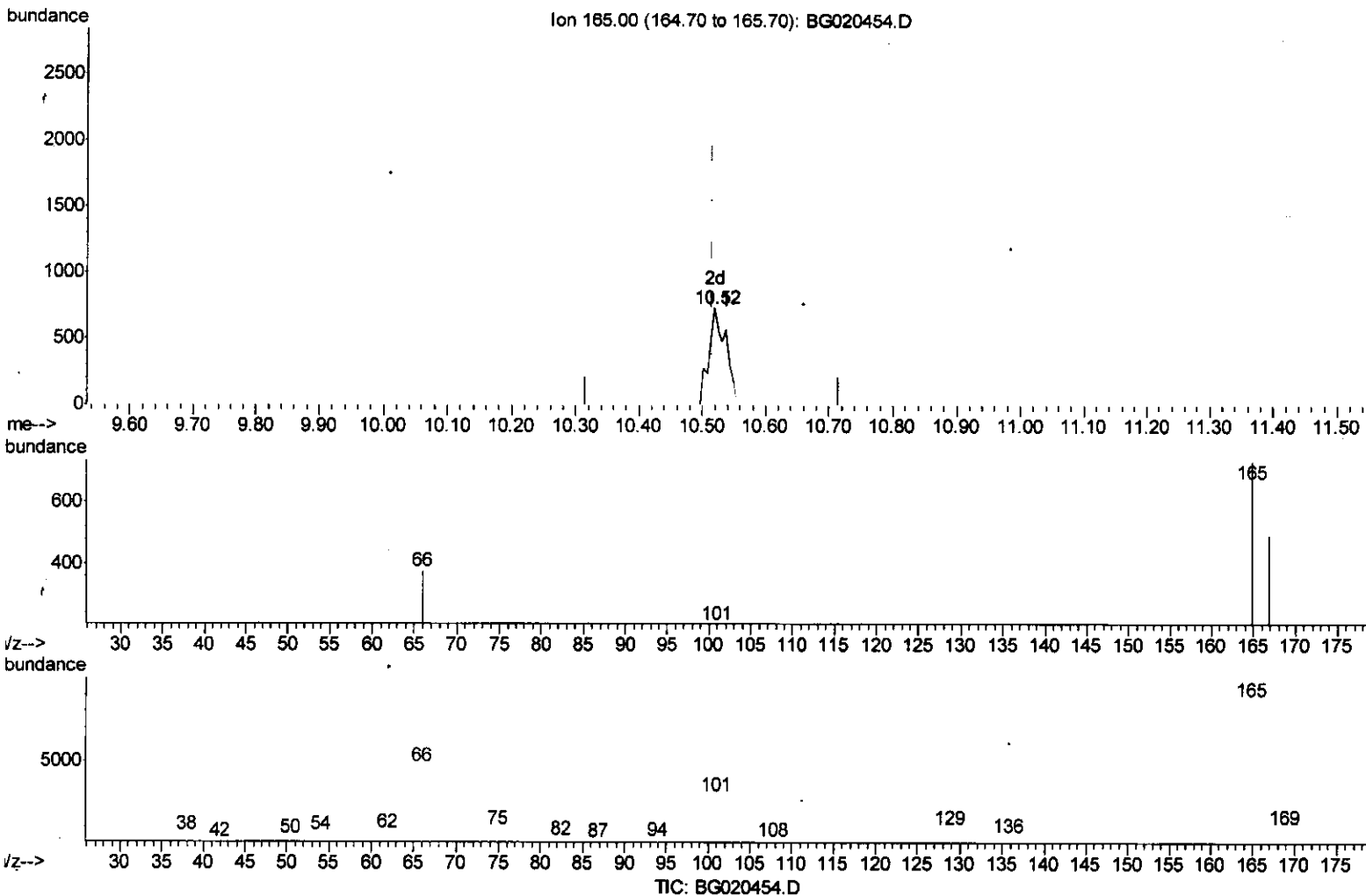
(29) 4-Chloroaniline-d4 (S)
 11.036min (+0.002) 0.42ng/ul
 response 813

Ion	Exp%	Act%
		100
		35.30
		30.80#
		0.00

Manual Integrations
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 12/24/2015 5:31:47 PM
 Sohll
 ClientSample: D9N61DL
 BNA_G
 Instrument:

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122215\
 Data File : BG020454.D
 Acq On : 23 Dec 2015 22:05
 Operator : UM/SJ
 Sample : G4848-15DL 25X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Quant Time: Dec 24 02:51:59 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 24 02:43:25 2015
 Response via : Initial Calibration



(26) 2,4-Dichlorophenol-d3 (S)

10.519min (+0.003) 0.78ng/ul m

response 1346

Ion Exp% Act%

165.00 100 100

67.12

27.56#

0.00

Handwritten: UM
12/23/15

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Manual Integrations

D9N61DL

ClientSampled :

BNA_G

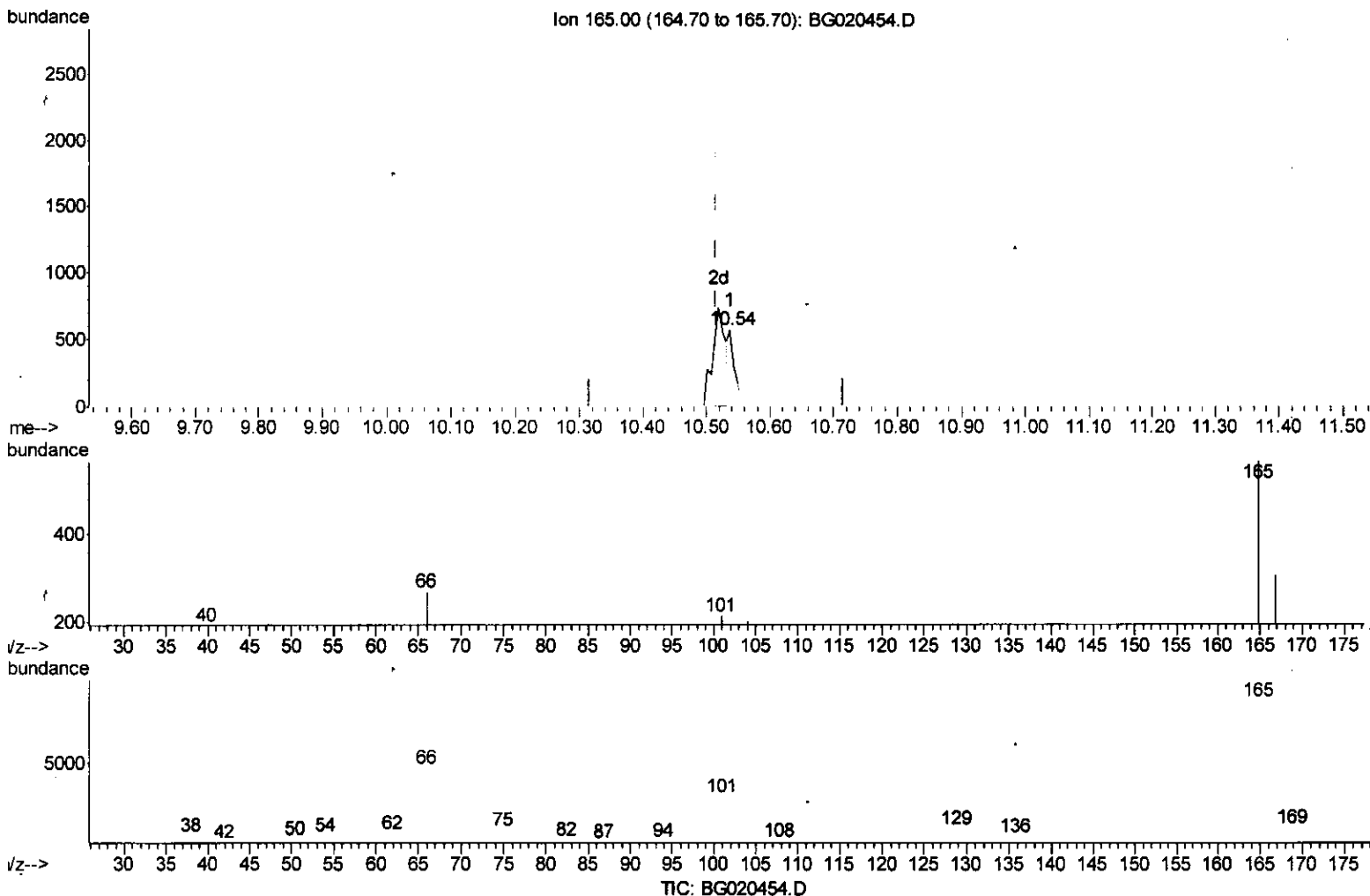
Instrument :

SOM02.2-EPA-BG121415.M Thu Dec 24 03:54:43 2015

Page: 1

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122215\
 Data File : BG020454.D
 Acq On : 23 Dec 2015 22:05
 Operator : UM/SJ
 Sample : G4848-15DL 25X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Quant Time: Dec 24 02:51:59 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 24 02:43:25 2015
 Response via : Initial Calibration



(26) 2,4-Dichlorophenol-d3 (S)

10.537min (+0.020) 0.22ng/ul

response 370

Ion	Exp%	Act%
165.00	100	100
53.78		53.78
37.08		37.08
0.00		0.00

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Manual Integrations

D9N61DL

ClientSampled :

BNA_G

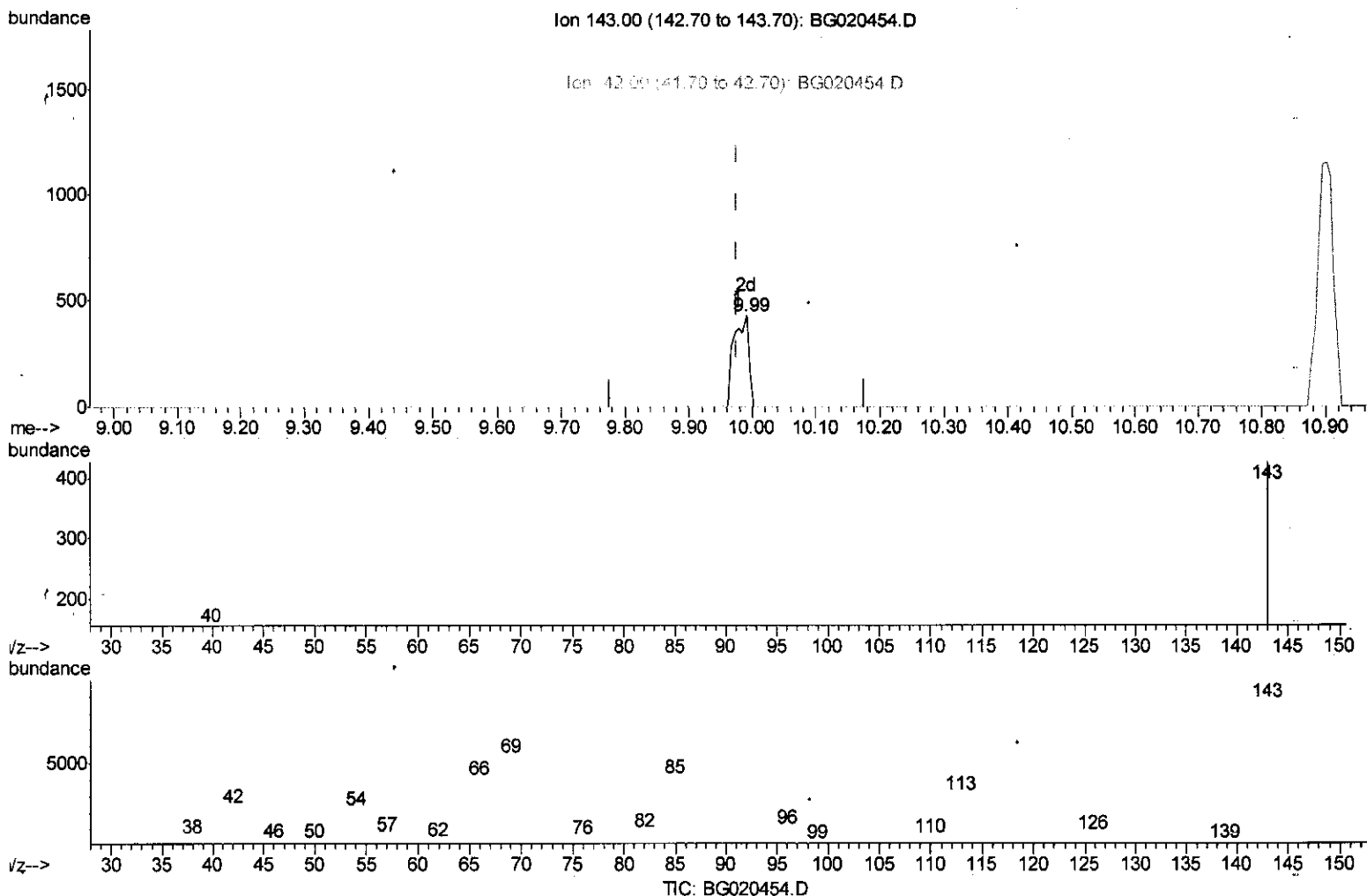
Instrument :

OM02.2-EPA-BG121415.M Thu Dec 24 03:54:36 2015

Page: 1

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122215\
 Data File : BG020454.D
 Acq On : 23 Dec 2015 22:05
 Operator : UM/SJ
 Sample : G4848-15DL 25X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Quant Time: Dec 24 02:51:59 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 24 02:43:25 2015
 Response via : Initial Calibration



(22) 2-Nitrophenol-d4 (S)

9.991min (+0.014) 0.80ng/ul m

response 677

Ion Exp% Act%

143.00 100

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Manual Integrations

0.00#

0.00#

0.00#

D9N61DL

ClientSampled :

BNA_G

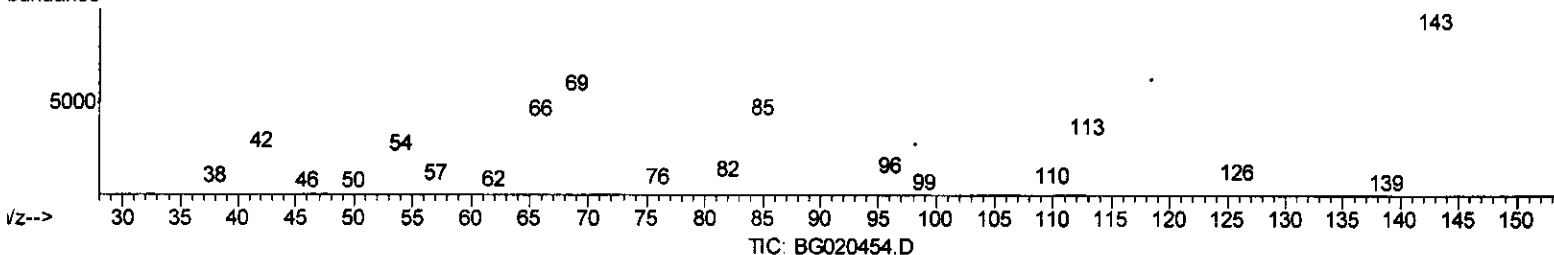
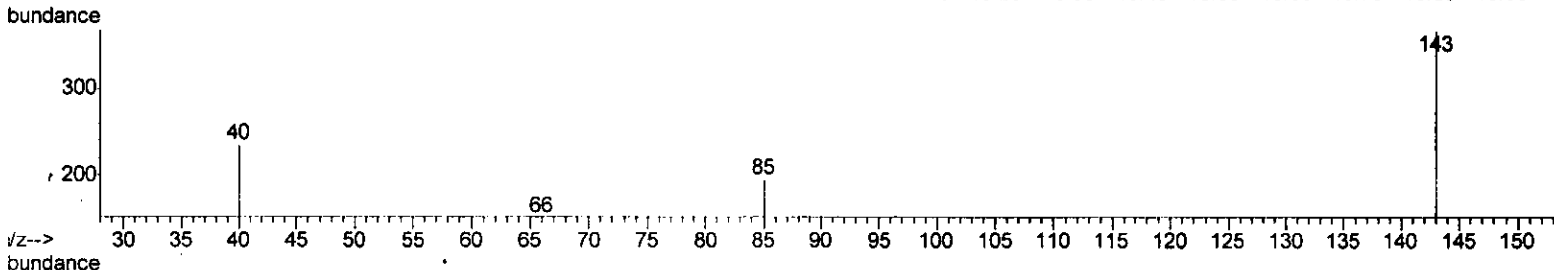
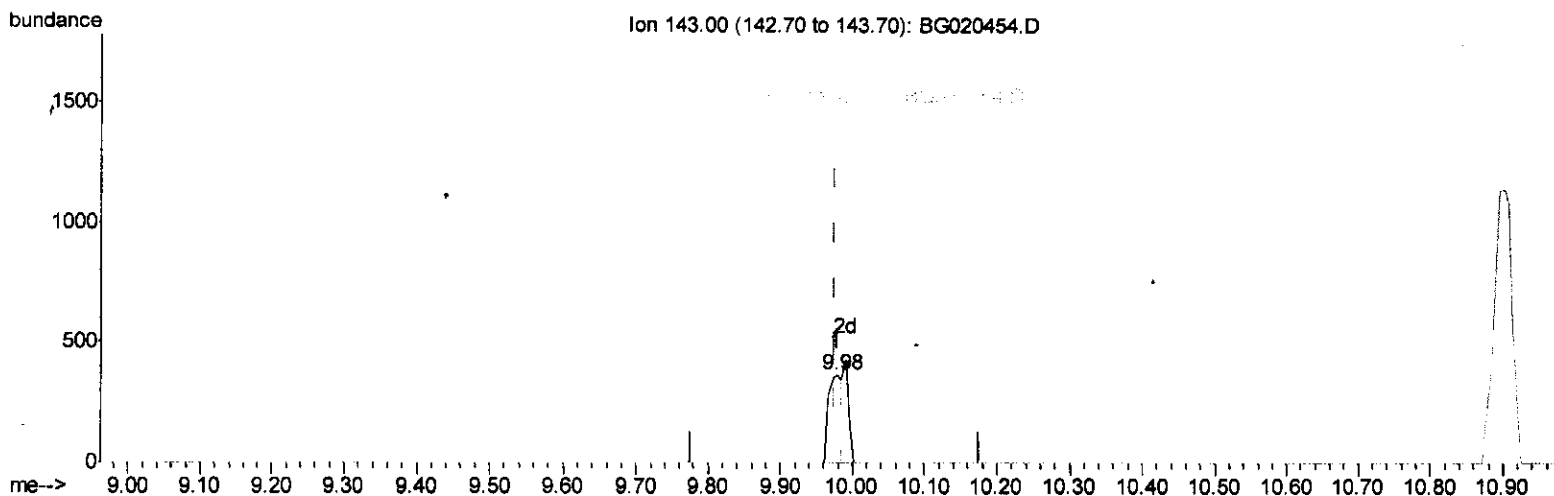
Instrument :

OM02.2-EPA-BG121415.M Thu Dec 24 03:54:28 2015

Page: 1

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122215\
 Data File : BG020454.D
 Acq On : 23 Dec 2015 22:05
 Operator : UM/SJ
 Sample : C4848-15DL 25X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Quant Time: Dec 24 02:51:59 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 24 02:43:25 2015
 Response via : Initial Calibration



(22) 2-Nitrophenol-d4 (S)

9.979min (+0.002) 0.56ng/ul

response 474

Ion	Exp%	Act%
143.00	100	100

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Manual Integrations

D9N6TDL

ClientSampled :

BNA_G

Instrument :

SOM02.2-EPA-BG121415.M Thu Dec 24 03:54:16 2015

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122215\
Data File : BG020454.D
Acq On : 23 Dec 2015 22:05
Operator : UM/SJ
Sample : G4848-15DL 25X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Dec 24 03:58:35 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 24 02:43:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	21731	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	97856	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	70853	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	168884	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	210530	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	198885	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	7.25	99	1286	0.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	889	0.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	1131	0.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	957	0.58	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	429	0.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	677m	0.80	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.52	165	1346m	0.78	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	1788m	0.93	ng/ul	0.01
44) Dimethylphthalate-d6	14.11	166	5881	1.03	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	7219	1.08	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.71	176	5852	1.13	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.56	188	9001	1.16	ng/ul	0.00
79) Pyrene-d10	19.84	212	9374	0.96	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	10240	1.03	ng/ul	0.00

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12/23/15

Target Compounds

						Qvalue
28) Naphthalene	10.95	128	94367	18.47	ng/ul	99
34) 2-Methylnaphthalene	12.55	142	31627	8.10	ng/ul	94
41) 1,1'-Biphenyl	13.55	154	14475	2.71	ng/ul	93
50) Acenaphthene	14.78	153	68237	14.32	ng/ul	100
54) Dibenzofuran	15.11	168	70417	9.93	ng/ul	97
59) Fluorene	15.76	166	64141	11.27	ng/ul	98
70) Phenanthrene	17.51	178	322871	34.95	ng/ul	99
72) Anthracene	17.59	178	20567	2.20	ng/ul	99
75) Carbazole	17.86	167	11741	1.49	ng/ul	94
77) Fluoranthene	19.51	202	204019	18.90	ng/ul	97
80) Pyrene	19.87	202	134520	10.56	ng/ul	98
83) Benzo(a)anthracene	21.72	228	31069	2.53	ng/ul	99
85) Chrysene	21.78	228	26248	2.27	ng/ul	98
88) Benzo(b)fluoranthene	23.96	252	14334	1.20	ng/ul#	89

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Manual Integrations
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Instrument : BNA_G
ClientSampleID : D9N61DL

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