

Quantitation Report (Qedit)

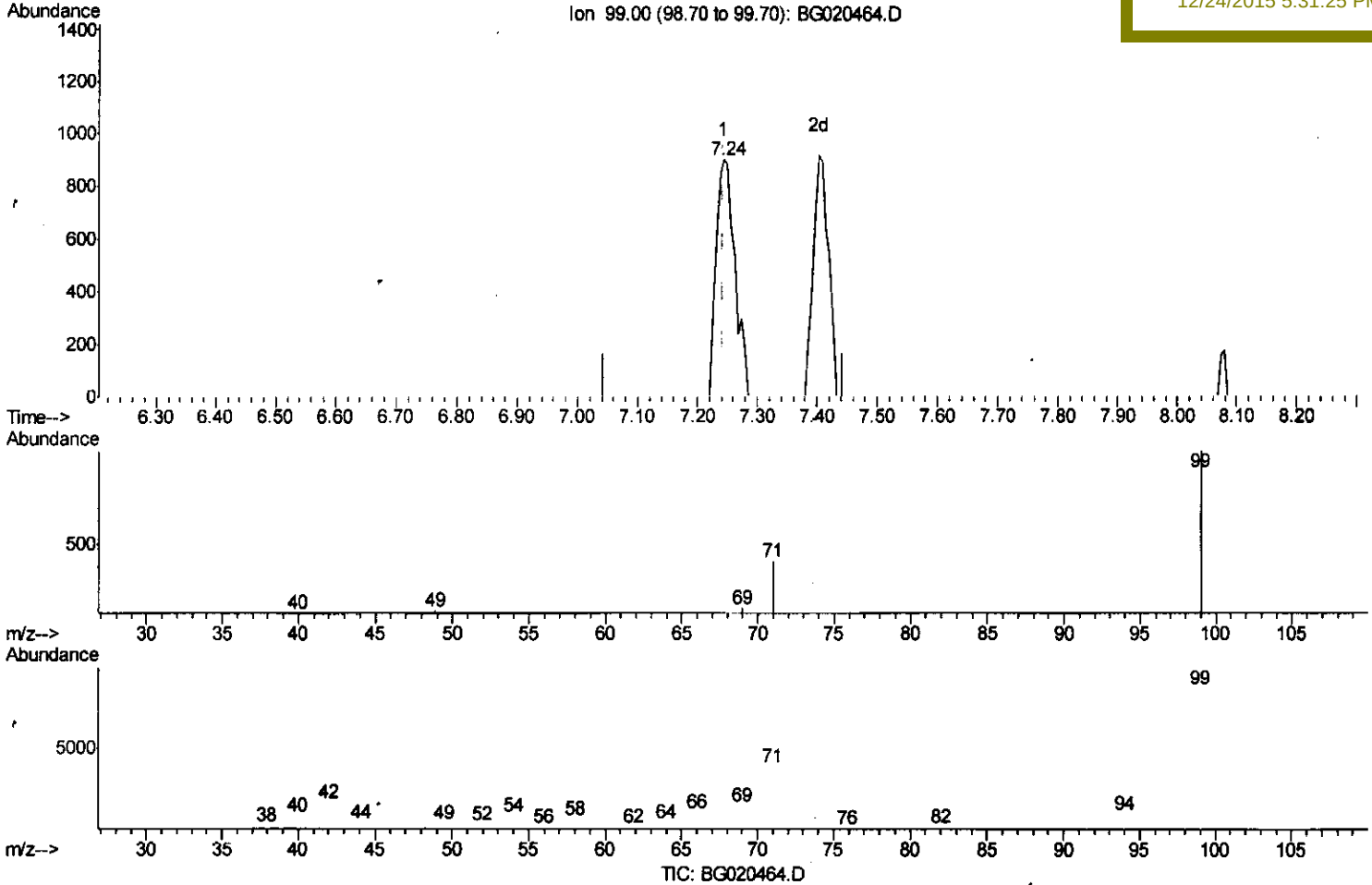
Data Path : Z:\HPCHEM1\BNA G\Data\BG122215\
 Data File : BG020464.D
 Acq On : 24 Dec 2015 4:40
 Operator : UM/SJ
 Sample : G4848-17MEDL 10X
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Quant Time: Dec 24 07:03:59 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

Instrument :
 BNA_G
 ClientSampleId :
 D9N63MEDL

Manual Integrations
 APPROVED

Sohil
 12/24/2015 5:31:25 PM



(5) Phenol-d5 (S)

7.244min (+0.000) 1.22ng/ul m

response 1936

Ion	Exp%	Act%
99.00	100	100
71.00	39.20	46.88
42.00	20.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

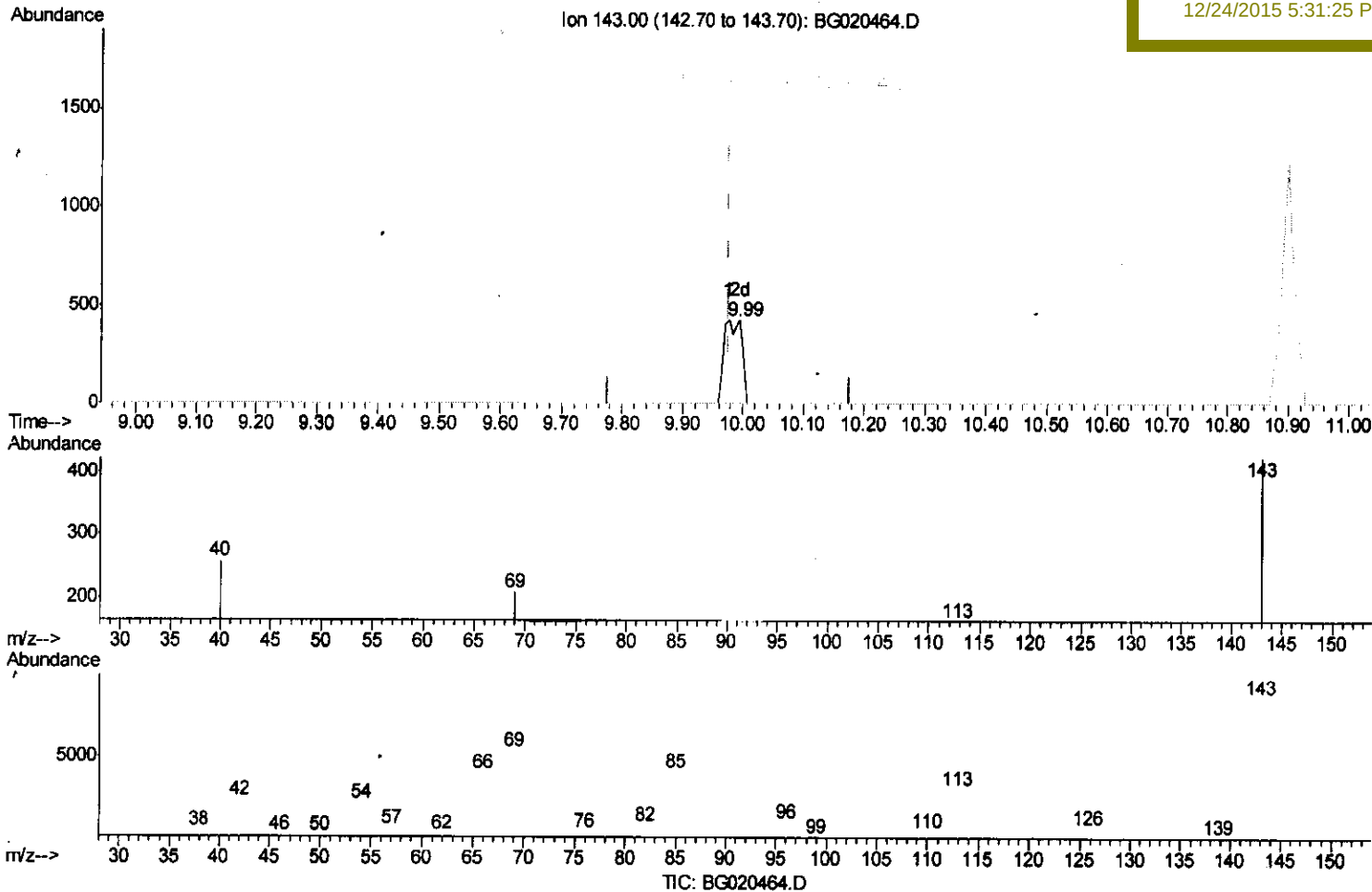
Data Path : Z:\HPCHEM1\BNA G\Data\BG122215\
 Data File : BG020464.D
 Acq On : 24 Dec 2015 4:40
 Operator : UM/SJ
 Sample : G4848-17MEDL 10X
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Quant Time: Dec 24 07:03:59 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

Instrument :
 BNA_G
 ClientSampleId :
 D9N63MEDL

Manual Integrations
 APPROVED

Sohil
 12/24/2015 5:31:25 PM



(22) 2-Nitrophenol-d4 (S)

9.994min (+0.018) 1.25ng/ul m

U.M
12/31/15

response 856

Ion	Exp%	Act%
143.00	100	100
69.00	58.10	49.17
41.00	21.10	0.00#
42.00	22.60	0.00#

Quantitation Report (Qedit)

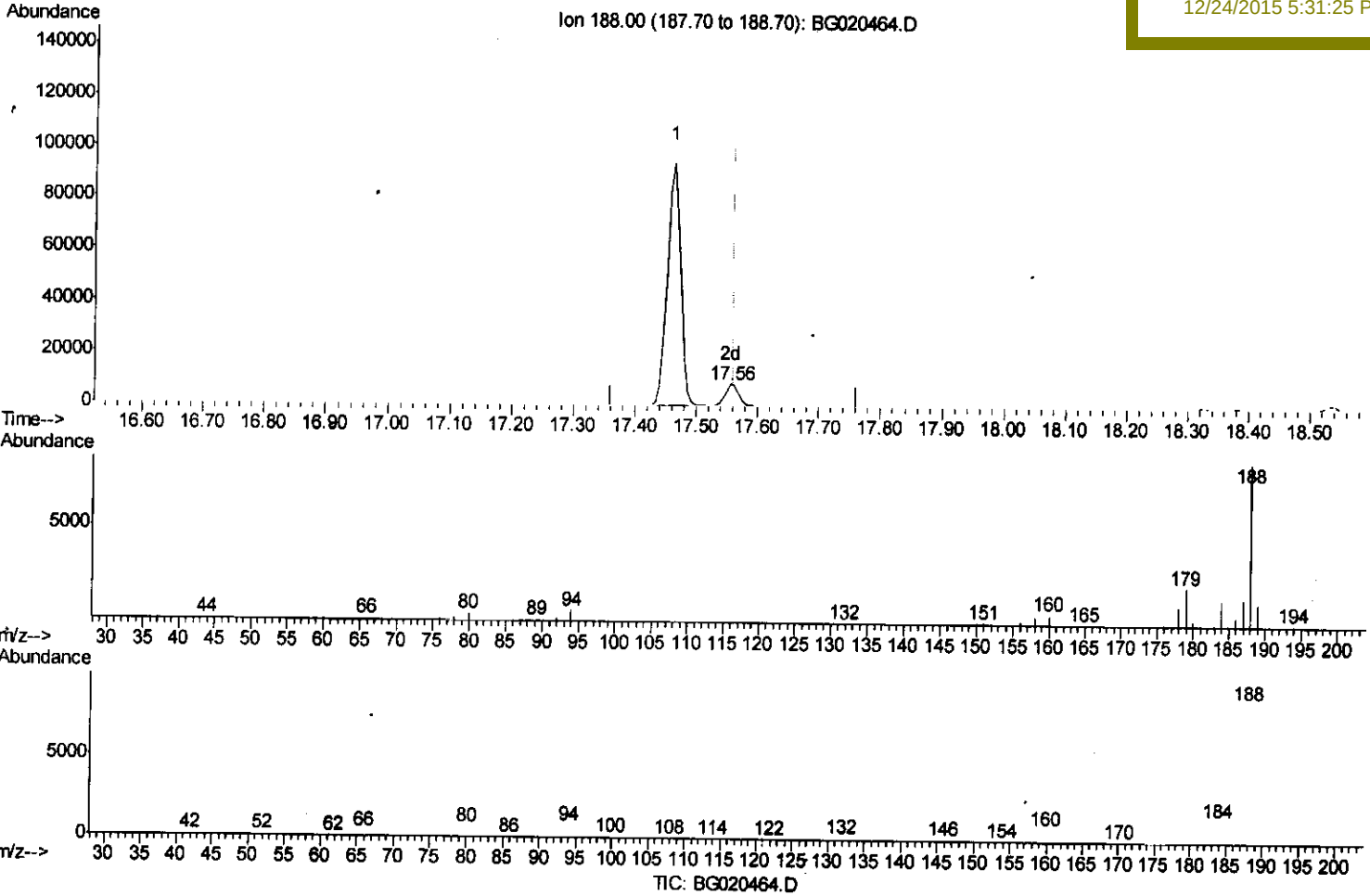
Data Path : Z:\HPCHEM1\BNA G\Data\BG122215\
 Data File : BG020464.D
 Acq On : 24 Dec 2015 4:40
 Operator : UM/SJ
 Sample : G4848-17MEDL 10X
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampled :
 D9N63MEDL

Quant Time: Dec 24 07:03:59 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

Manual Integrations
APPROVED

Sohil
 12/24/2015 5:31:25 PM



(71) Anthracene-d10 (S)

17.556min (-0.006) 2.02ng/ul m

response 13215

Ion	Exp%	Act%
188.00	100	100
94.00	7.70	8.35
80.00	7.50	5.90#
0.00	0.00	0.00

U.M
12/21/15

Quantitation Report (Qedit)

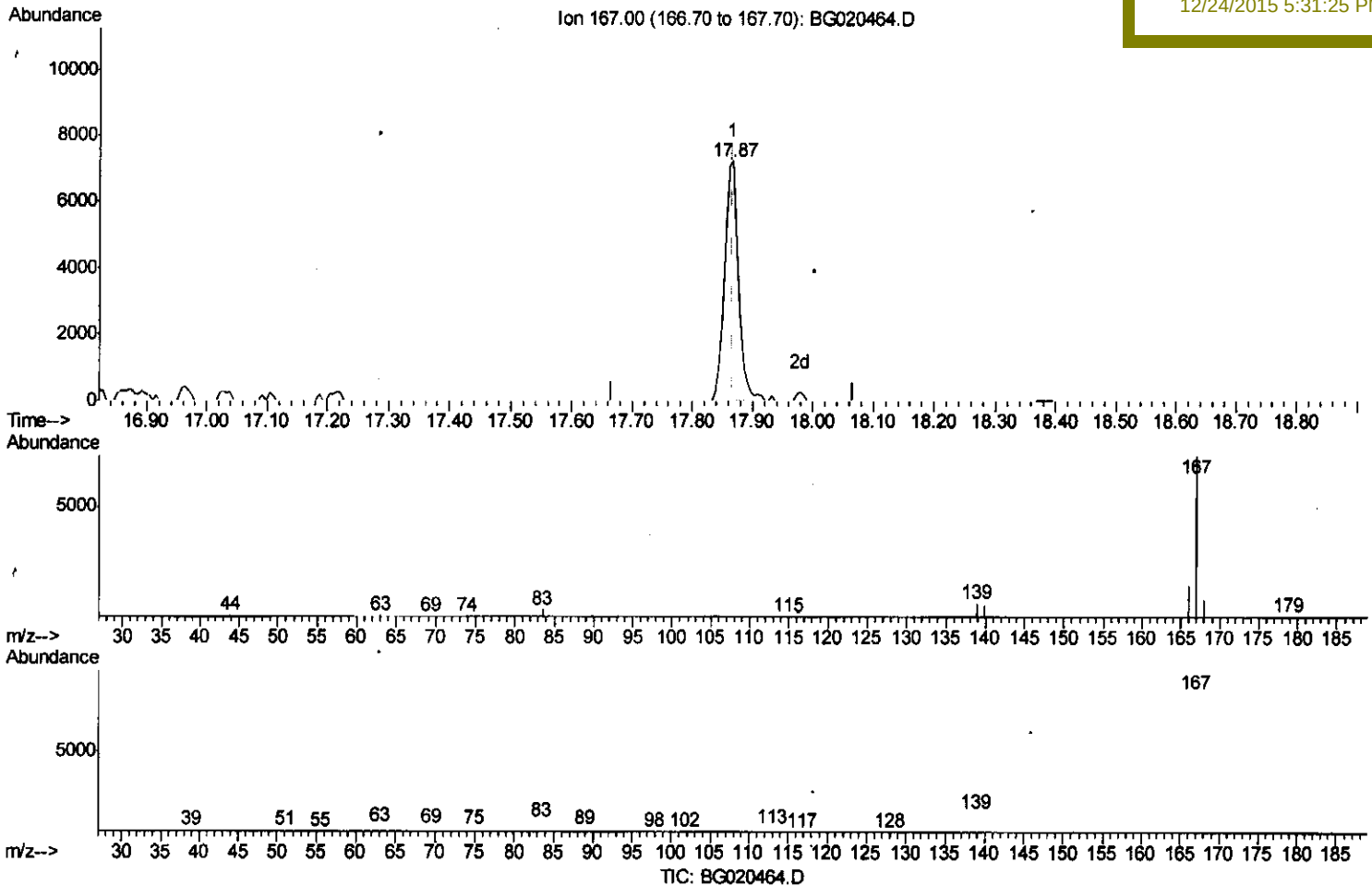
Data Path : Z:\HPCHEM1\BNA G\Data\BG122215\
 Data File : BG020464.D
 Acq On : 24 Dec 2015 4:40
 Operator : UM/SJ
 Sample : G4848-17MEDL 10X
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Quant Time: Dec 24 07:03:59 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

Instrument :
 BNA_G
 ClientSampled :
 D9N63MEDL

Manual Integrations
 APPROVED

Sohil
 12/24/2015 5:31:25 PM



(75) Carbazole

17.867min (+0.000) 1.76ng/ul m

response 11638

Ion Exp% Act%

167.00 100 100

166.00 21.30 21.93

139.00 12.60 10.56

0.00 0.00 0.00

U.M.
12/31/15

Quantitation Report (Qedit)

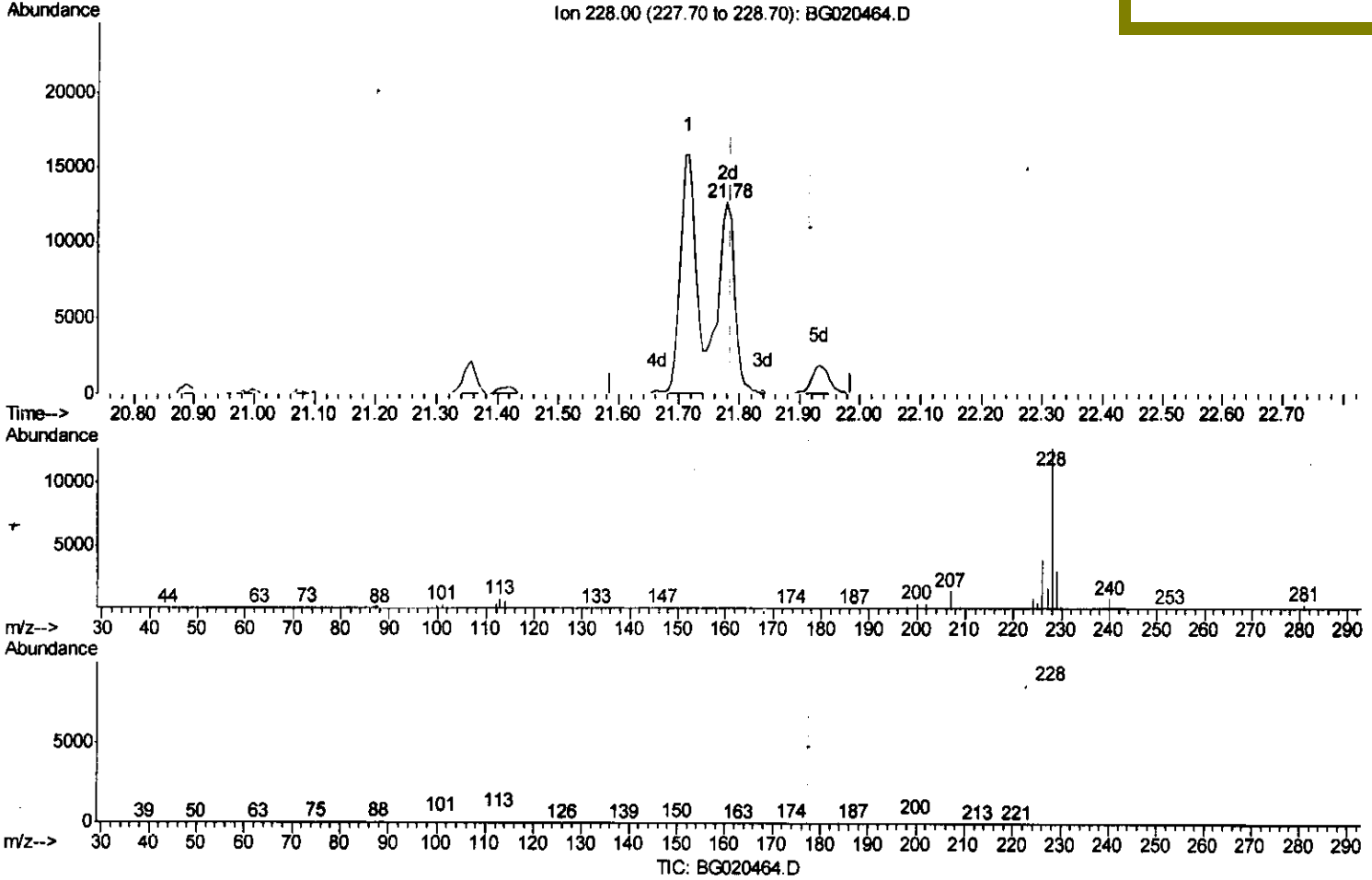
Data Path : Z:\HPCHEM1\BNA G\Data\BG122215\
 Data File : BG020464.D
 Acq On : 24 Dec 2015 4:40
 Operator : UM/SJ
 Sample : G4848-17MEDL 10X
 Misc :
 ATIS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sampled :
 D9N63MEDL

Quant Time: Dec 24 07:03:59 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

Manual Integrations
 APPROVED

Sohil
 12/24/2015 5:31:25 PM



(85) Chrysene

21.780min (-0.006) 2.58ng/ul m

response 25031

Ion	Exp%	Act%
228.00	100	100
226.00	29.90	31.33
229.00	19.50	24.27#
0.00	0.00	0.00

U.M.
 12/31/15

Quantitation Report (Qedit)

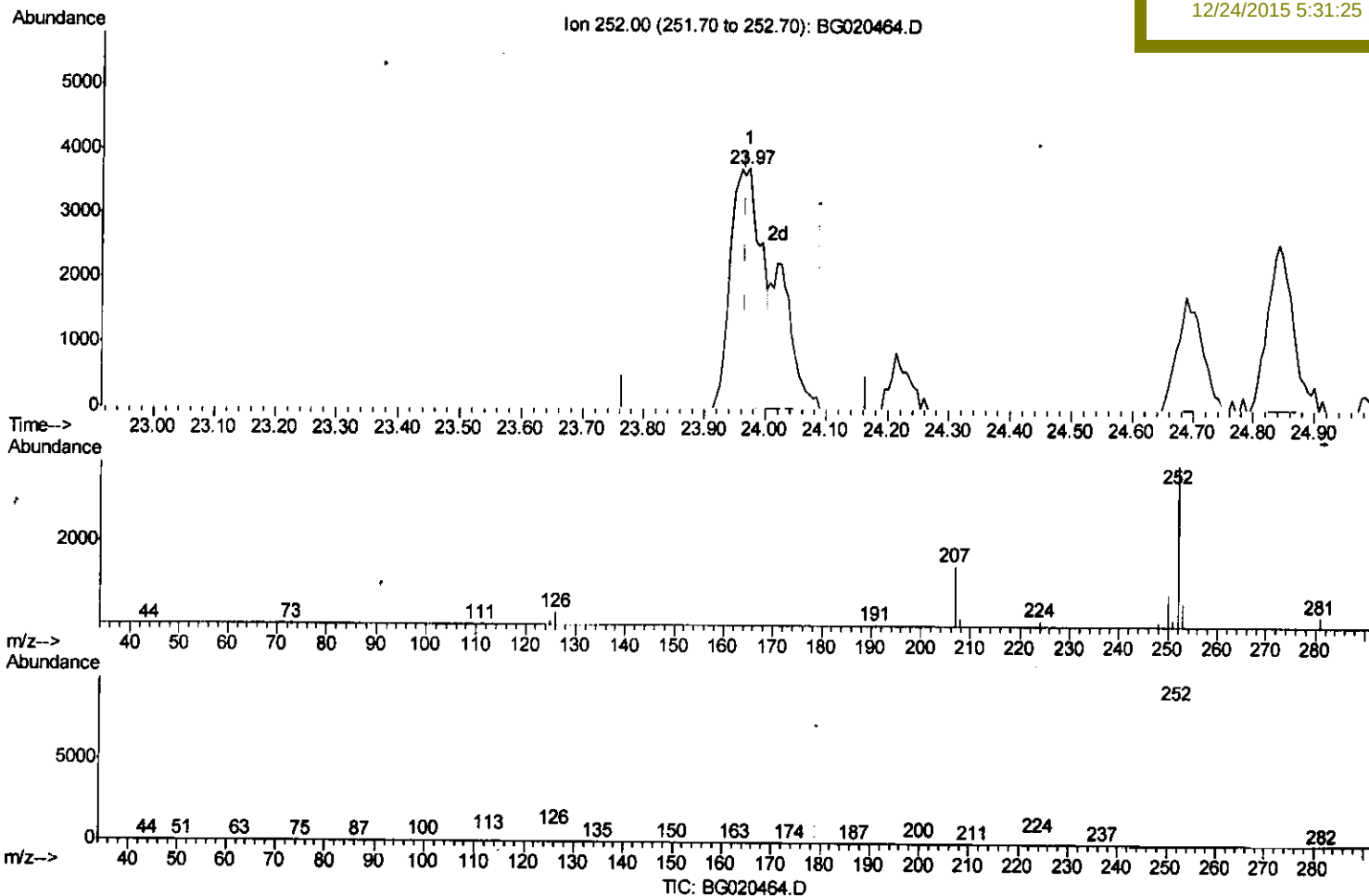
Data Path : Z:\HPCHEM1\BNA G\Data\BG122215\
 Data File : BG020464.D
 Acq On : 24 Dec 2015 4:40
 Operator : UM/SJ
 Sample : G4848-17MEDL 10X
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 D9N63MEDL

Quant Time: Dec 24 07:03:59 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

Manual Integrations
 APPROVED

Sohil
 12/24/2015 5:31:25 PM



(88) Benzo(b)fluoranthene

23.972min (+0.006) 1.28ng/ul m *U.M*
12/31/15

response 12680

Ion	Exp%	Act%
252.00	100	100
253.00	20.90	17.74
125.00	7.70	5.91#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\Data\BG122215\
 Data File : BG020464.D
 Acq On : 24 Dec 2015 4:40
 Operator : UM/SJ
 Sample : G4848-17MEDL 10X
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 D9N63MEDL

Quant Time: Dec 24 07:03:59 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 Last Update : Thu Dec 24 02:43:25 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Sohil
 12/24/2015 5:31:25 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	17965	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	79242	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	57874	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	142025	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	176271	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	167757	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	1936m	1.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	1110	1.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	1601	1.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	1359	1.00	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	882	1.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	856m	1.25	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.52	165	1789	1.28	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	1562	1.00	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	8525	1.82	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	9823	1.80	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.71	176	7992	1.88	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	120	0.14	ng/ul	0.00
71) Anthracene-d10	17.56	188	13215m	2.02	ng/ul	0.00
79) Pyrene-d10	19.84	212	15138	1.84	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	15261	1.82	ng/ul	0.00

U.M.
 12/31/15

Target Compounds

						Ovalue
28) Naphthalene	10.95	128	51441	12.43	ng/ul	98
34) 2-Methylnaphthalene	12.55	142	22007	6.96	ng/ul	93
41) 1,1'-Biphenyl	13.55	154	9738	2.23	ng/ul#	94
50) Acenaphthene	14.78	153	49625	12.75	ng/ul	99
54) Dibenzofuran	15.11	168	50188	8.67	ng/ul	99
59) Fluorene	15.76	166	49268	10.59	ng/ul	99
70) Phenanthrene	17.50	178	272828	35.12	ng/ul	100
72) Anthracene	17.59	178	25054	3.18	ng/ul	99
75) Carbazole	17.87	167	11638m	1.76	ng/ul	
77) Fluoranthene	19.51	202	180279	19.86	ng/ul	96
80) Pyrene	19.87	202	120250	11.27	ng/ul	98
83) Benzo(a)anthracene	21.72	228	28263	2.75	ng/ul	97
85) Chrysene	21.78	228	25031m	2.58	ng/ul	
88) Benzo(b)fluoranthene	23.97	252	12680m	1.26	ng/ul	

U.M.
 12/31/15

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

Quantitation Report (Qedit)

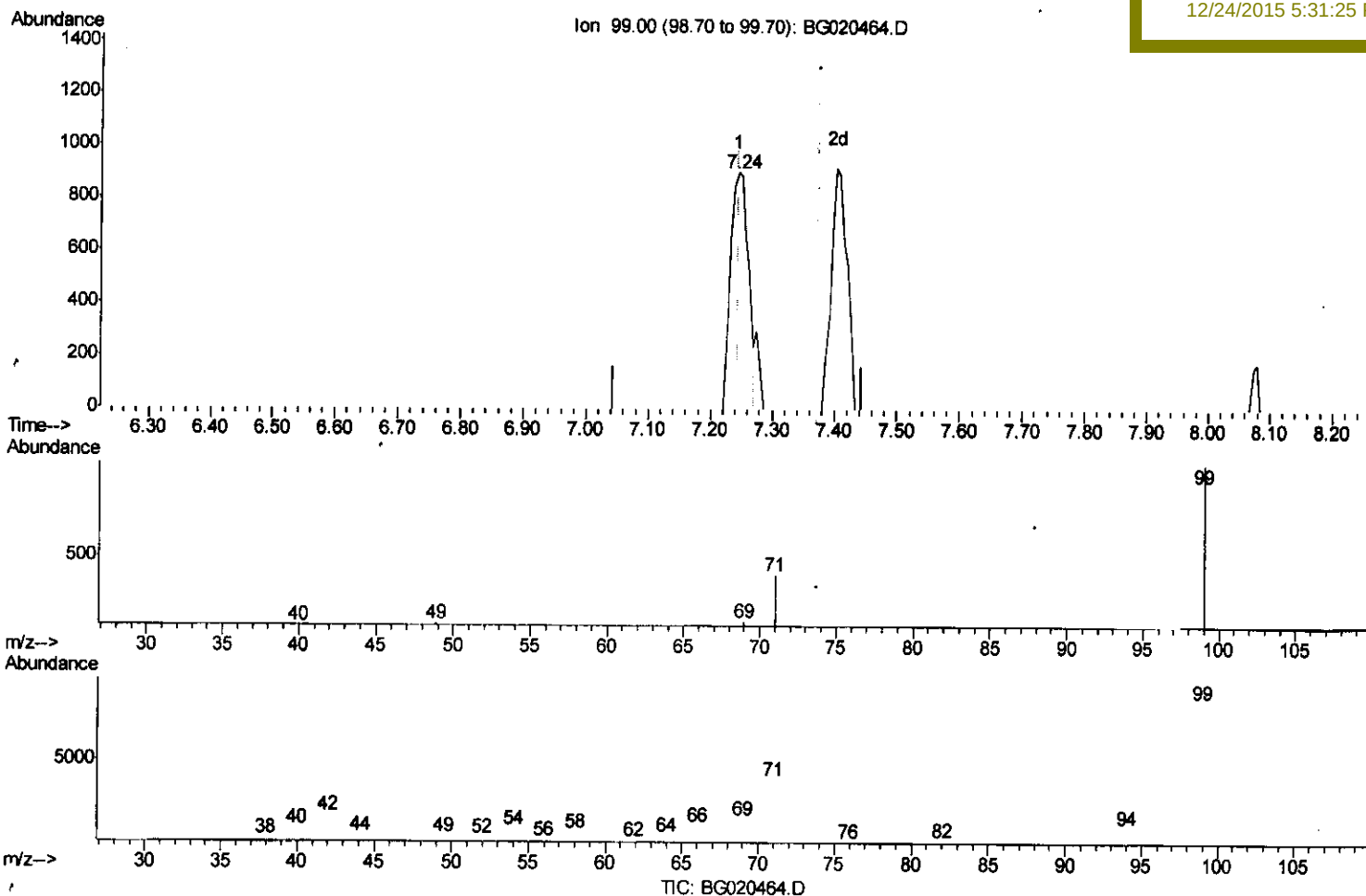
Data Path : Z:\HPCHEM1\BNA G\Data\BG122215\
 Data File : BG020464.D
 Acq On : 24 Dec 2015 4:40
 Operator : UM/SJ
 Sample : G4848-17MEDL 10X
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Quant Time: Dec 31 00:54:41 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

Instrument :
 BNA_G
 ClientSampled :
 D9N63MEDL

Manual Integrations
 APPROVED

Sohil
 12/24/2015 5:31:25 PM



(5) Phenol-d5 (S)

7.244min (+0.000) 1.12ng/ul

response 1772

Ion	Exp%	Act%
99.00	100	100
71.00	39.20	46.88
42.00	20.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

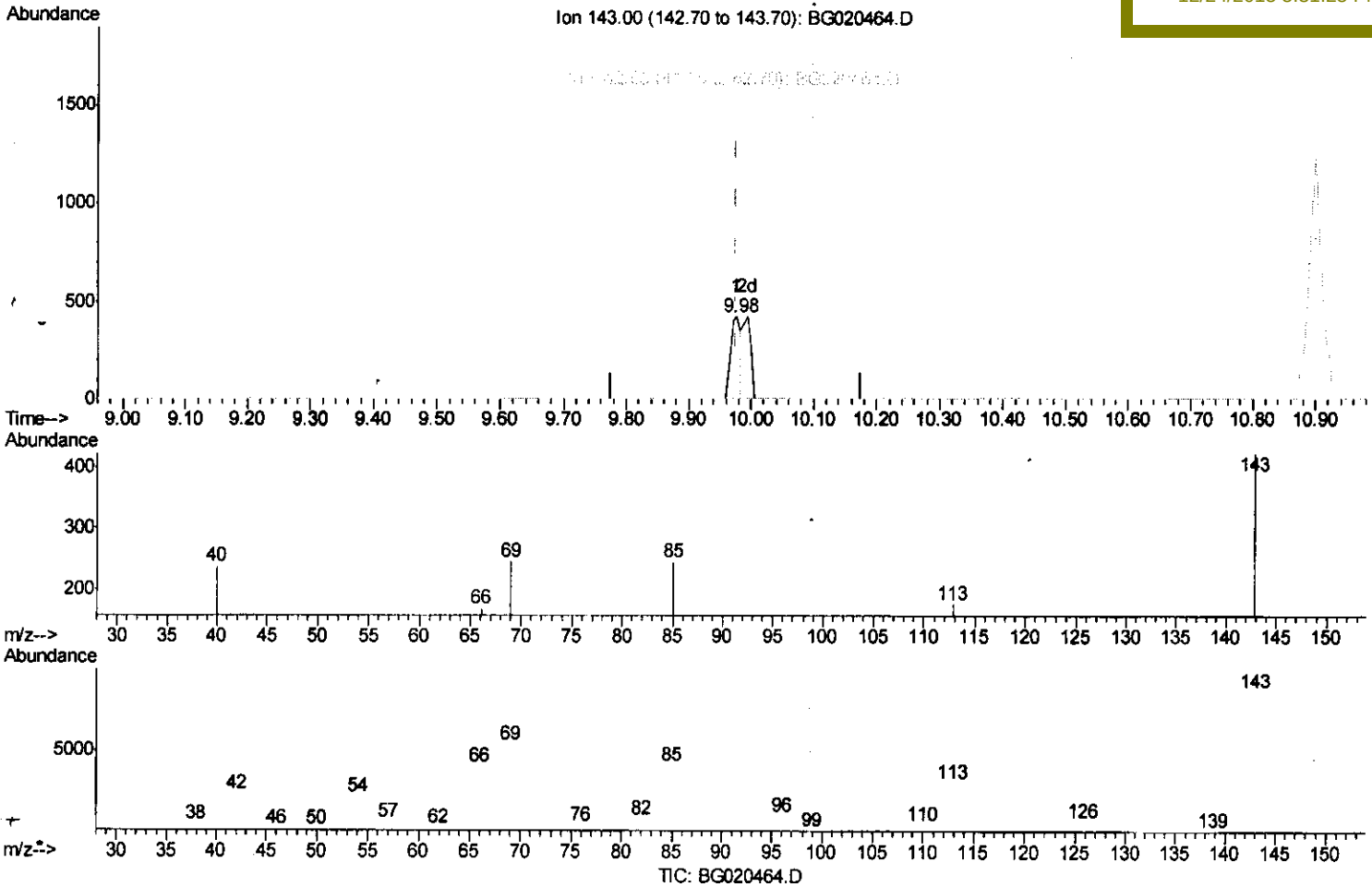
Data Path : Z:\HPCHEM1\BNA G\Data\BG122215\
 Data File : BG020464.D
 Acq On : 24 Dec 2015 4:40
 Operator : UM/SJ
 Sample : G4848-17MEDL 10X
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampleId :
 D9N63MEDL

Quant Time: Dec 31 00:54:41 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

Manual Integrations
APPROVED

Sohil
 12/24/2015 5:31:25 PM



(22) 2-Nitrophenol-d4 (S)

9.976min (+0.000) 0.69ng/ul

response 473

Ion	Exp%	Act%
143.00	100	100
69.00	58.10	58.06
41.00	21.10	0.00#
42.00	22.60	0.00#

Quantitation Report (Qedit)

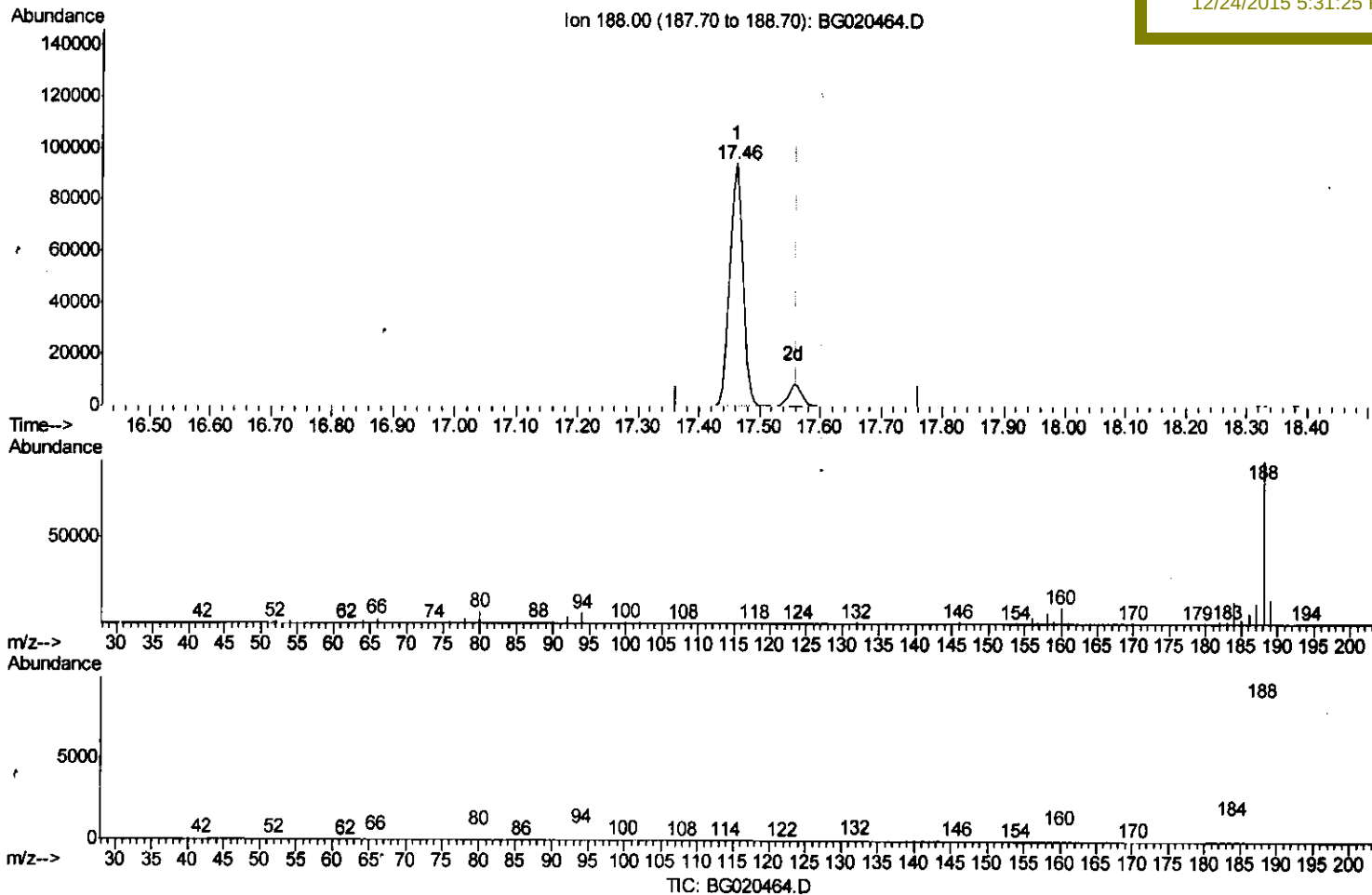
Data Path : Z:\HPCHEM1\BNA G\Data\BG122215\
 Data File : BG020464.D
 Acq On : 24 Dec 2015 4:40
 Operator : UM/SJ
 Sample : G4848-17MEDL 10X
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 D9N63MEDL

Quant Time: Dec 31 00:54:41 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

Manual Integrations
 APPROVED

Sohil
 12/24/2015 5:31:25 PM



(71) Anthracene-d10 (S)

17.462min (-0.100) 21.70ng/ul

response 142025

Ion	Exp%	Act%
188.00	100	100
94.00	7.70	6.85
80.00	7.50	7.63
0.00	0.00	0.00

Quantitation Report (Qedit)

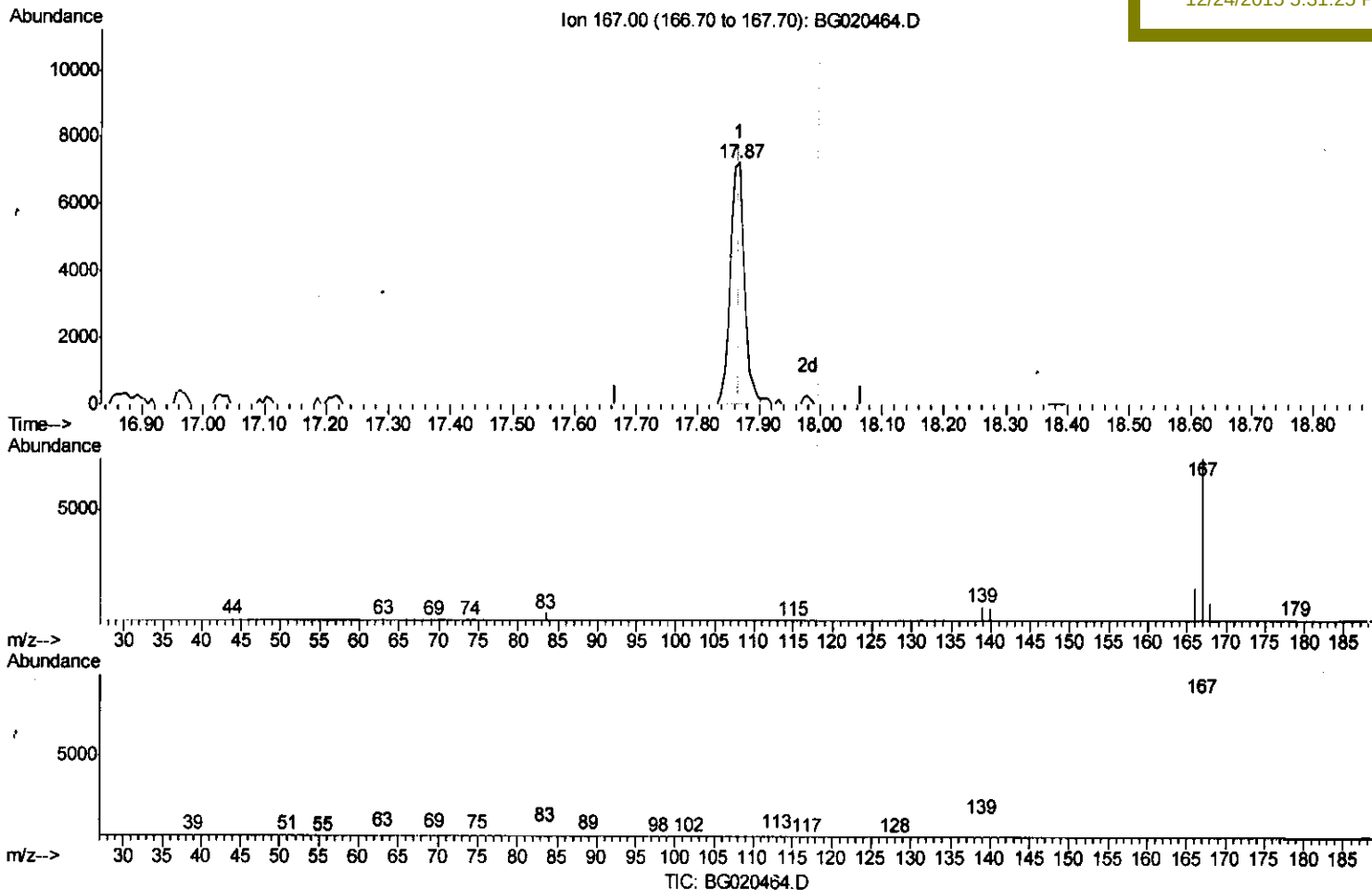
Data Path : Z:\HPCHEM1\BNA G\Data\BG122215\
 Data File : BG020464.D
 Acq On : 24 Dec 2015 4:40
 Operator : UM/SJ
 Sample : G4848-17MEDL 10X
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Quant Time: Dec 31 00:54:41 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

Instrument :
 BNA_G
ClientSampleId :
 D9N63MEDL

Manual Integrations
APPROVED

Sohil
 12/24/2015 5:31:25 PM



(75) Carbazole

17.867min (+0.000) 1.74ng/ui

response 11506

Ion	Exp%	Act%
167.00	100	100
166.00	21.30	21.93
139.00	12.60	10.56
0.00	0.00	0.00

Quantitation Report (Qedit)

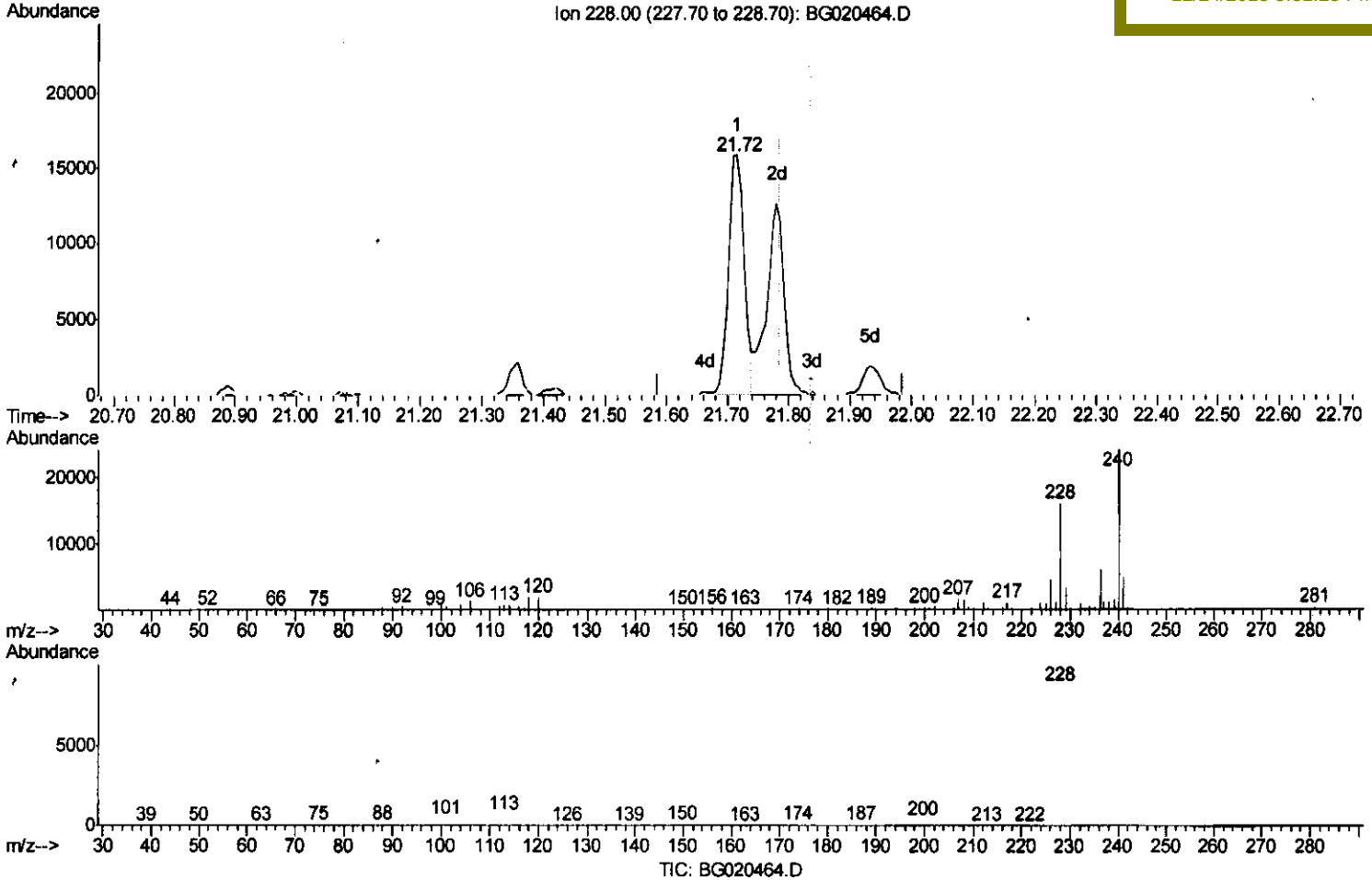
Data Path : Z:\HPCHEM1\BNA G\Data\BG122215\
 Data File : BG020464.D
 Acq On : 24 Dec 2015 4:40
 Operator : UM/SJ
 Sample : G4848-17MEDL 10X
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampleId :
 D9N63MEDL

Quant Time: Dec 31 00:54:41 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

Manual Integrations
APPROVED

Sohil
 12/24/2015 5:31:25 PM



(85) Chrysene

21.716min (-0.070) 2.92ng/ul

response 28263

Ion	Exp%	Act%
228.00	100	100
226.00	29.90	28.47
229.00	19.50	21.05
0.00	0.00	0.00

Quantitation Report (Qedit)

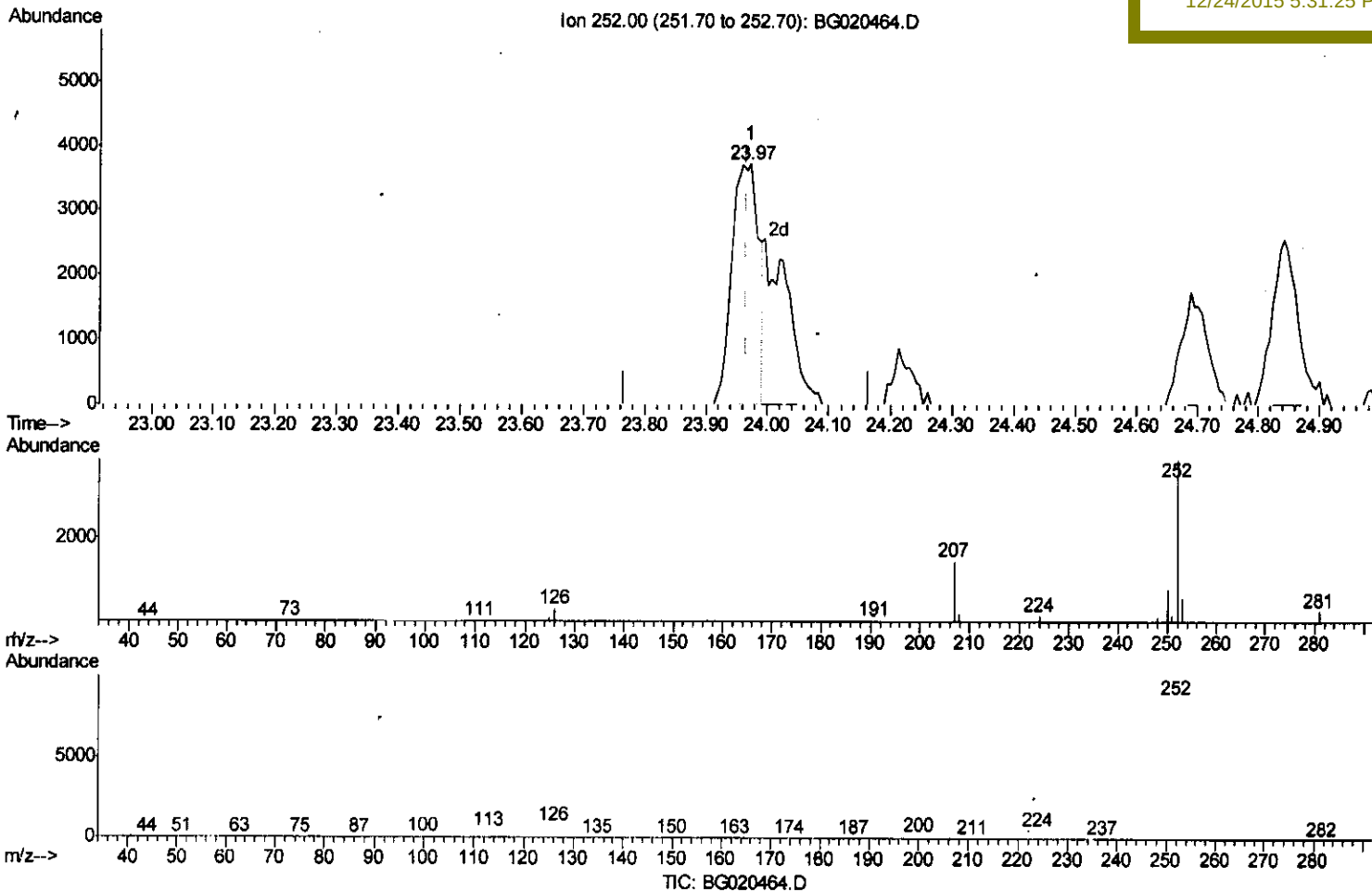
Data Path : Z:\HPCHEM1\BNA G\Data\BG122215\
 Data File : BG020464.D
 Acq On : 24 Dec 2015 4:40
 Operator : UM/SJ
 Sample : G4848-17MEDL 10X
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Quant Time: Dec 31 00:54:41 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

Instrument :
 BNA_G
 ClientSampleId :
 D9N63MEDL

Manual Integrations
 APPROVED

Sohil
 12/24/2015 5:31:25 PM



(88) Benzo(b)fluoranthene

23.972min (+0.006) 1.10ng/ul

response 11131

Ion	Exp%	Act%
252.00	100	100
253.00	20.90	17.74
125.00	7.70	5.91#
0.00	0.00	0.00

```
Data Path : Z:\HPCHEM1\BNA G\Data\BG122215\  
Data File : BG020464.D  
Acq On    : 24 Dec 2015    4:40  
Operator  : UM/SJ  
Sample    : G4848-17MEDL 10X  
Misc      :  
ALS Vial  : 54    Sample Multiplier: 1
```

Quant Time: Dec 24 07:03:59 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

Instrument :
BNA_G
ClientSampleId :
D9N63MEDL

Manual Integrations

Sohil
12/24/2015 5:31:25 PM

