

Quantitation Report (Qedit)

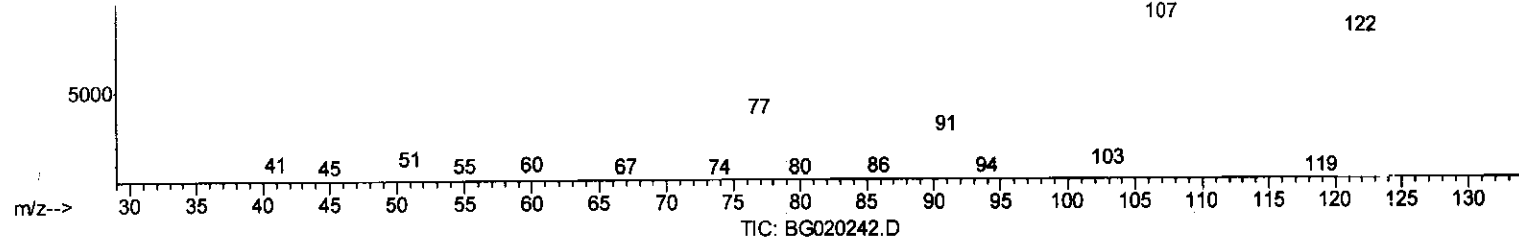
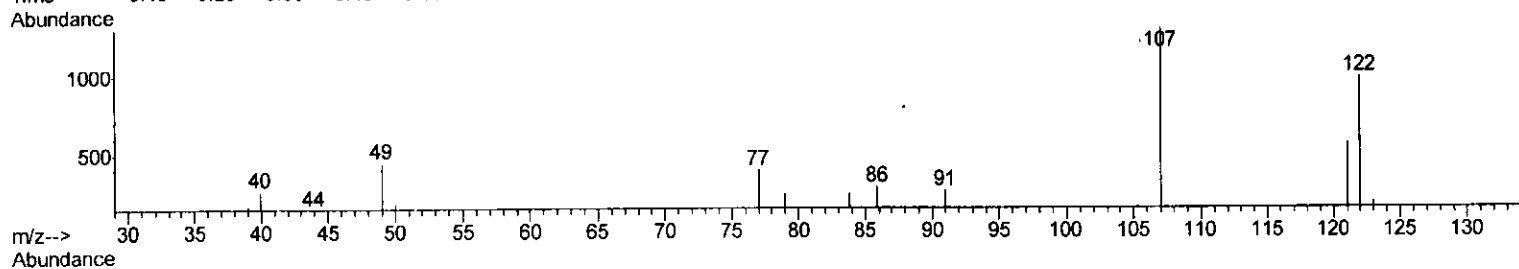
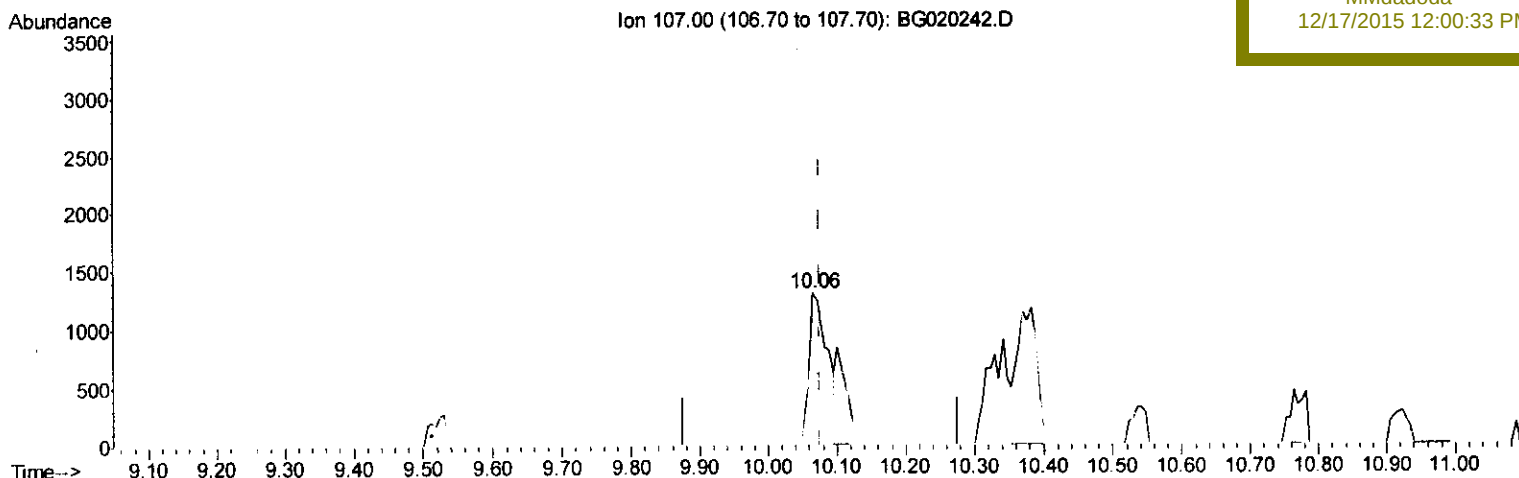
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
 Data File : BG020242.D
 Acq On : 17 Dec 2015 4:45
 Operator : UM/SJ
 Sample : G4767-21
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 17 06:41:57 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 17 06:39:33 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 Client Sampled :
 D9N43

Manual Integrations
 APPROVED

MMdadoda
 12/17/2015 12:00:33 PM



(24) 2,4-Dimethylphenol

10.065min (-0.011) 1.10ng/ul

response 2368

Ion	Exp%	Act%
107.00	100	100
121.00	48.70	43.04
122.00	77.60	75.56
0.00	0.00	0.00

Quantitation Report (Qedit)

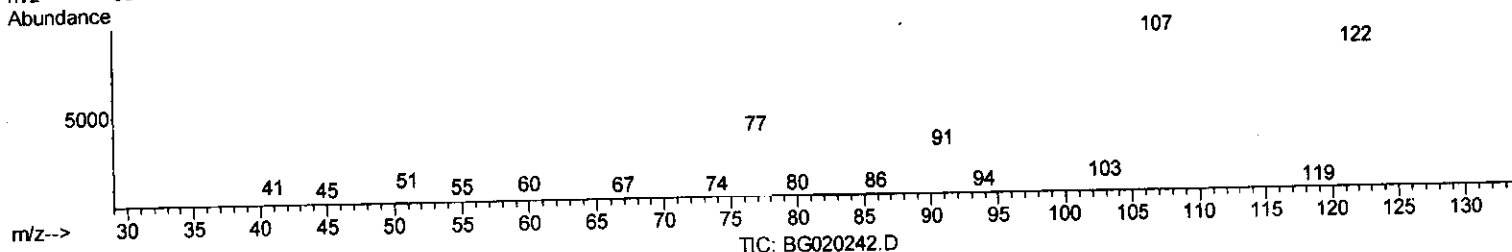
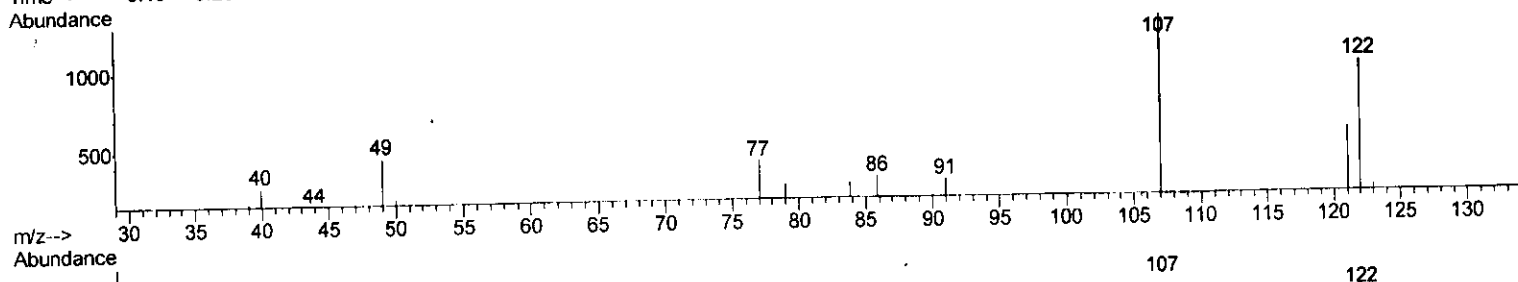
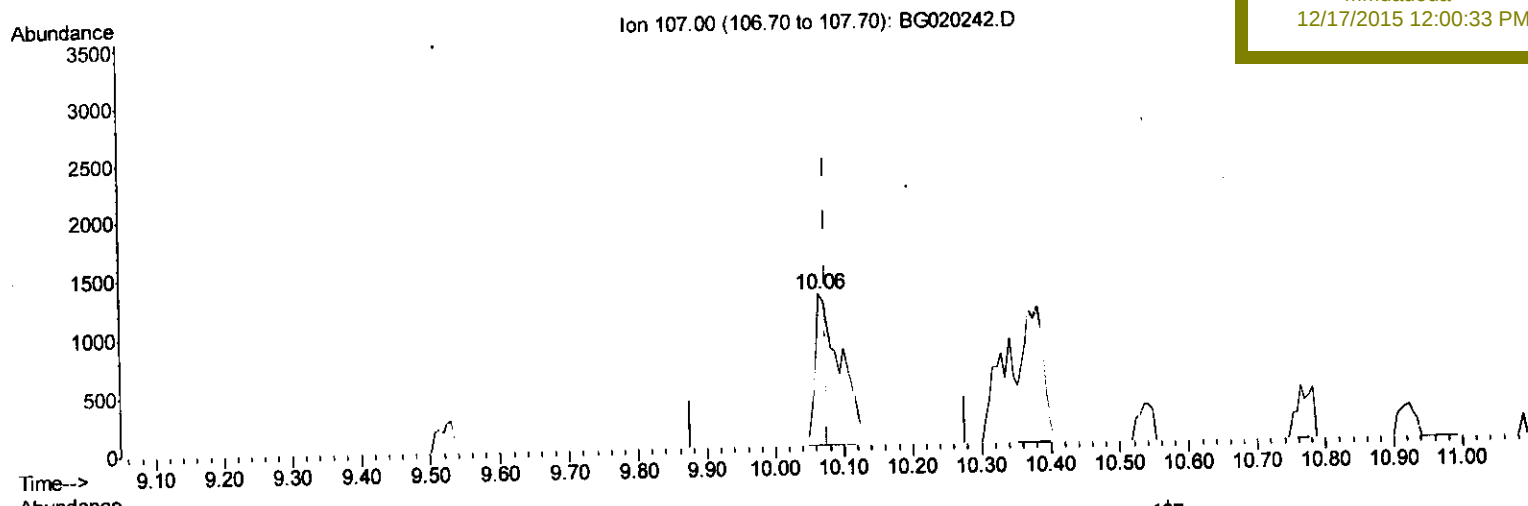
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
 Data File : BG020242.D
 Acq On : 17 Dec 2015 4:45
 Operator : UM/SJ
 Sample : G4767-21
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N43

Manual Integrations
 APPROVED

MMdadoda
 12/17/2015 12:00:33 PM

Quant Time: Dec 17 06:41:57 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 17 06:39:33 2015
 Response via : Initial Calibration



(24) 2,4-Dimethylphenol

10.065min (-0.011) 1.52ng/ul m

response 3278

Ion	Exp%	Act%
107.00	100	100
121.00	48.70	43.04
122.00	77.60	75.56
0.00	0.00	0.00

> U.M
 28/12/15

Quantitation Report (Qedit)

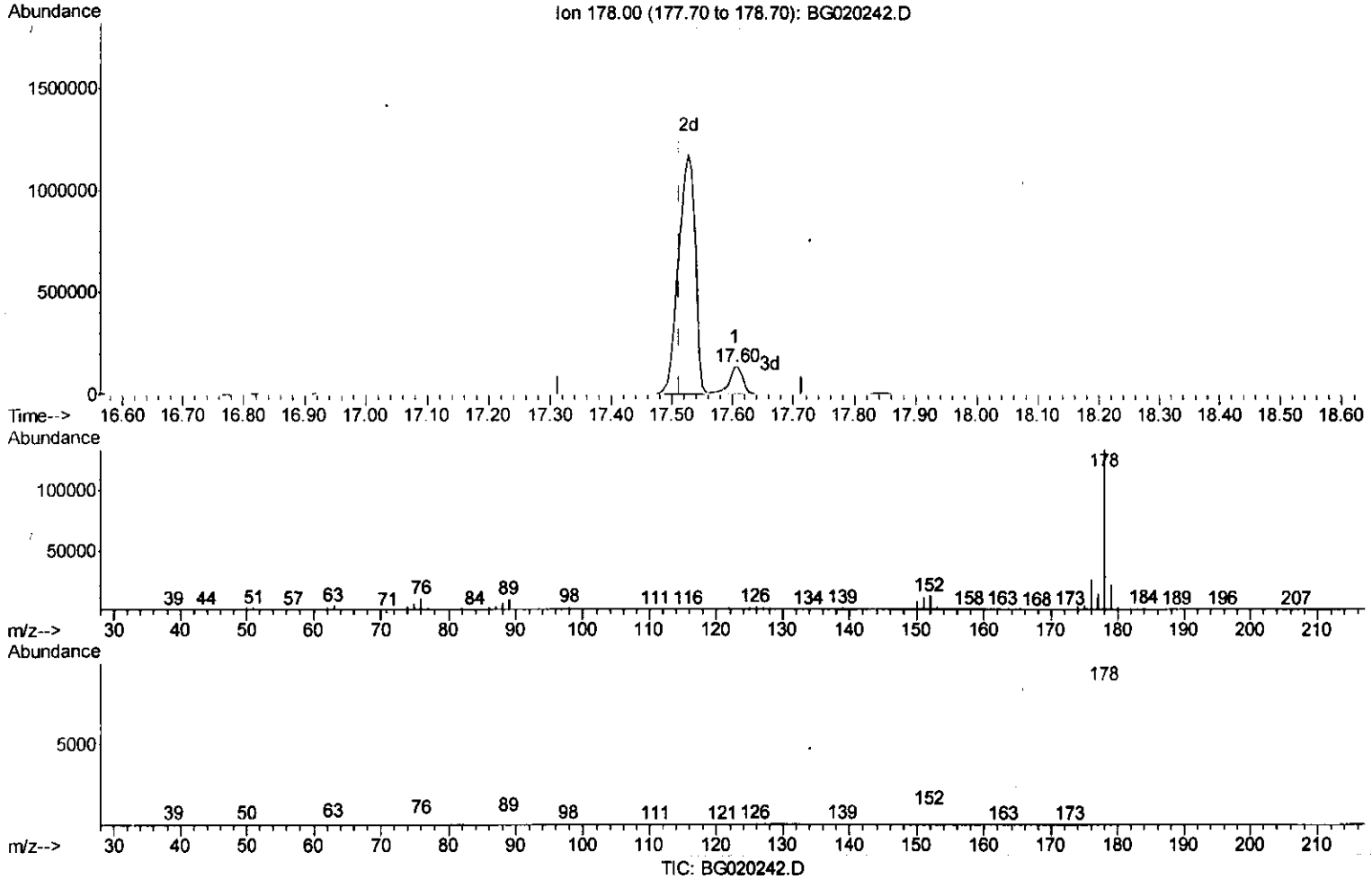
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
 Data File : BG020242.D
 Acq On : 17 Dec 2015 4:45
 Operator : UM/SJ
 Sample : G4767-21
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N43

Manual Integrations
 APPROVED

MMdadoda
 12/17/2015 12:00:33 PM

Quant Time: Dec 17 06:41:57 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 17 06:39:33 2015
 Response via : Initial Calibration



(70) Phenanthrene

17.603min (+0.089) 21.46ng/ul

response 210954

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	16.06
176.00	19.10	18.53
0.00	0.00	0.00

Quantitation Report (Qedit)

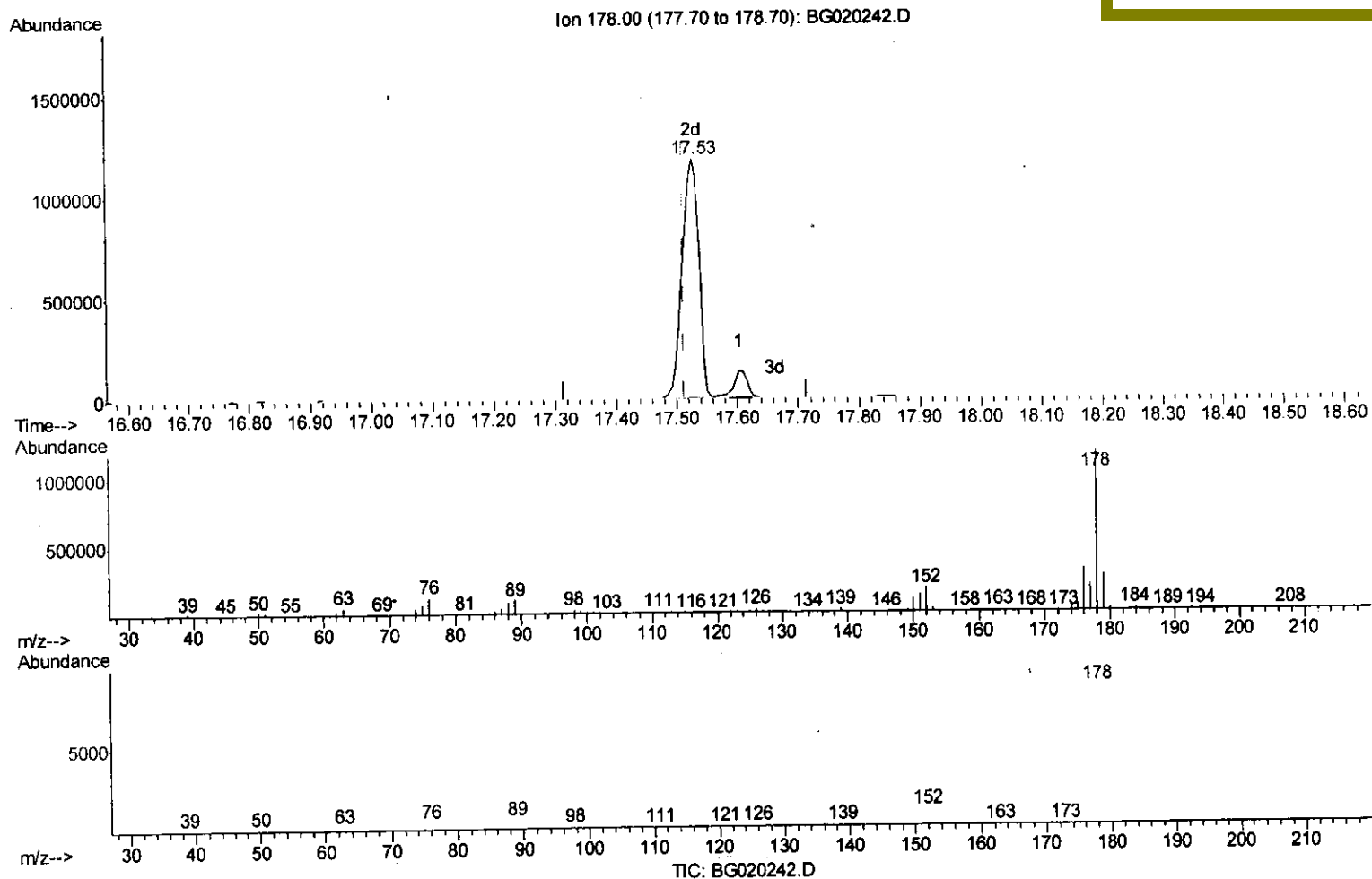
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
 Data File : BG020242.D
 Acq On : 17 Dec 2015 4:45
 Operator : UM/SJ
 Sample : G4767-21
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N43

Quant Time: Dec 17 06:41:57 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 17 06:39:33 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 12/17/2015 12:00:33 PM



(70) Phenanthrene

17.527min (+0.013) 225.72ng/ul m

response 2218676

ion Exp% Act%

178.00 100 100

179.00 16.10 22.33#

176.00 19.10 27.06#

0.00 0.00 0.00

70.0 M
 28/12/15

Quantitation Report (Qedit)

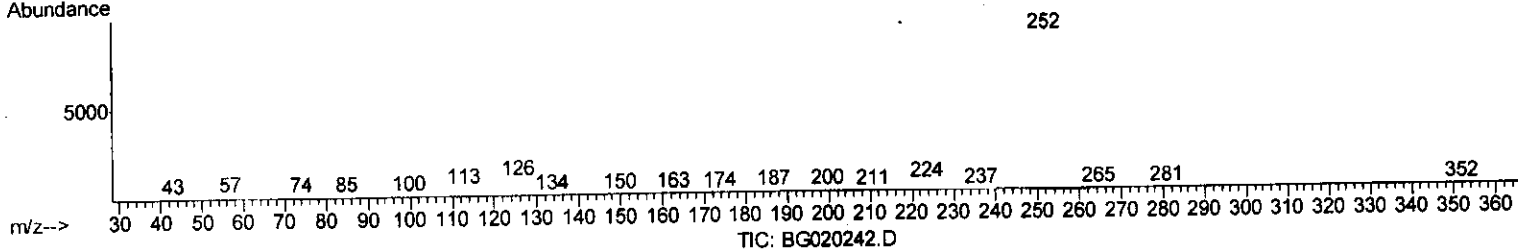
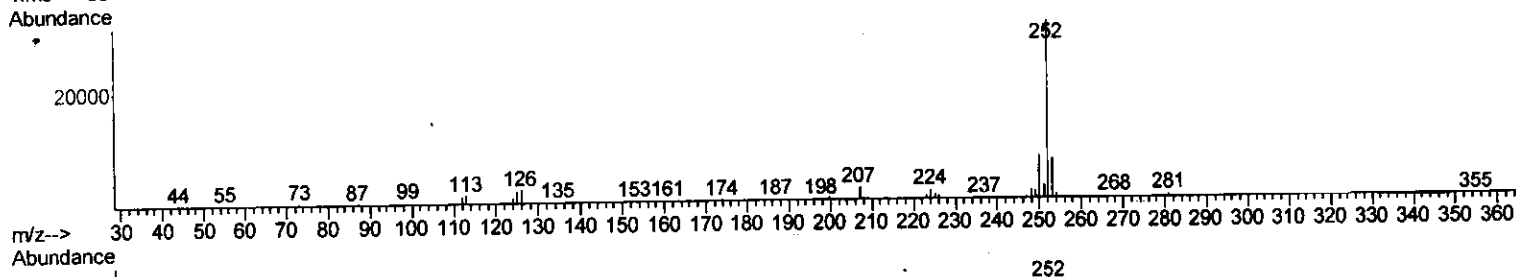
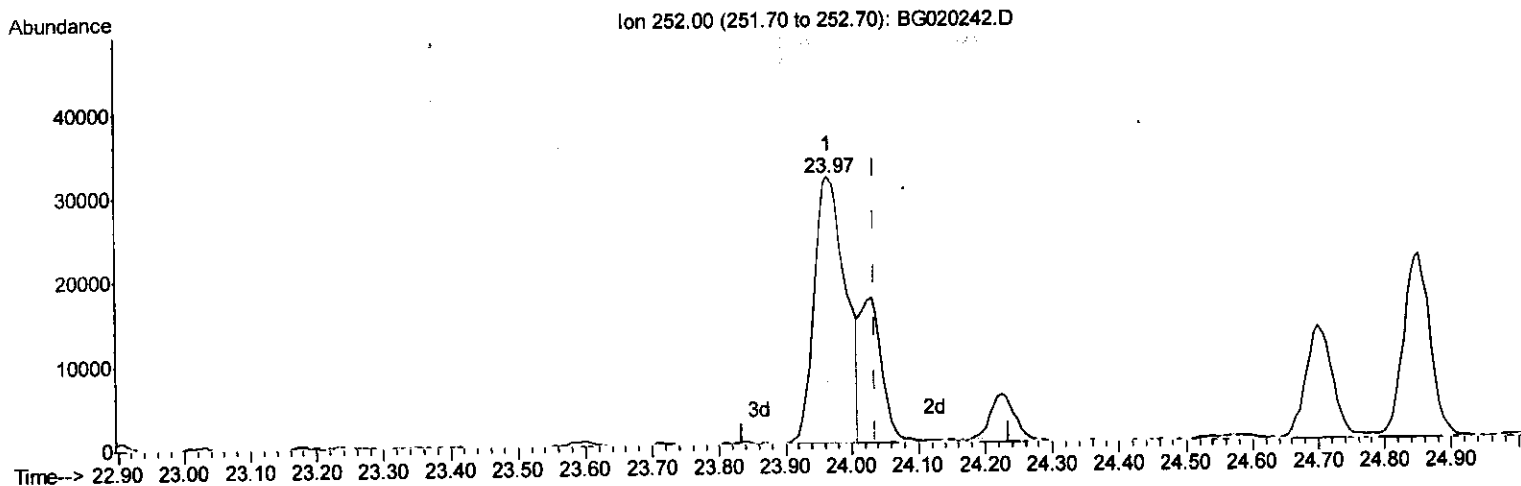
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
 Data File : BG020242.D
 Acq On : 17 Dec 2015 4:45
 Operator : UM/SJ
 Sample : G4767-21
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 D9N43

Manual Integrations
 APPROVED

MMdadoda
 12/17/2015 12:00:33 PM

Quant Time: Dec 17 06:41:57 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVCA CALIBRATION
 Qlast Update : Thu Dec 17 06:39:33 2015
 Response via : Initial Calibration



(89) Benzo(k)fluoranthene

23.966min (-0.070) 9.34ng/ul

response 104762

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	22.77
125.00	7.20	7.26
0.00	0.00	0.00

Quantitation Report (Qedit)

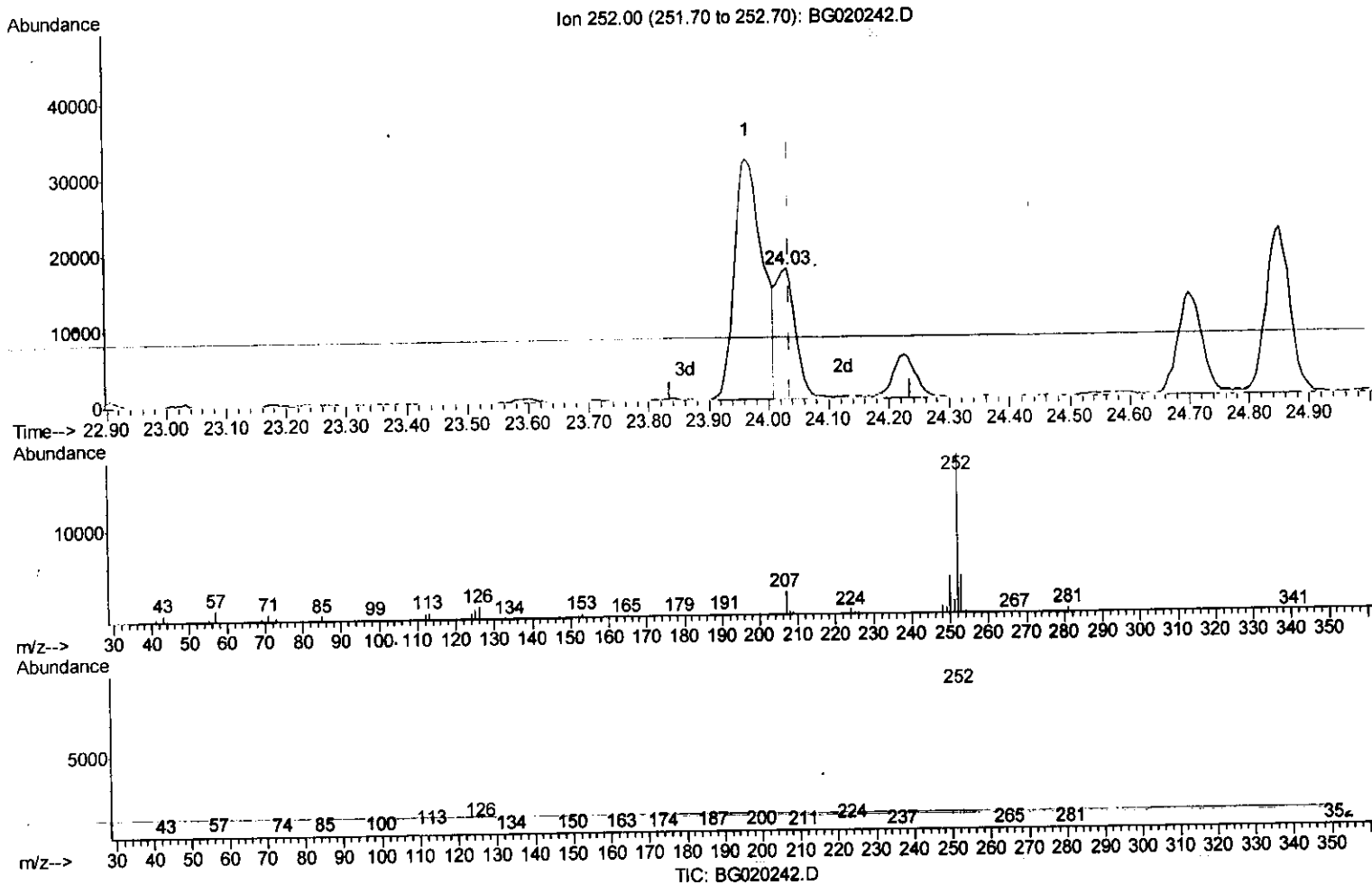
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020242.D
Acq On : 17 Dec 2015 4:45
Operator : UM/SJ
Sample : G4767-21
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N43

Quant Time: Dec 17 06:41:57 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 17 06:39:33 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

MMdadoda
12/17/2015 12:00:33 PM



(89) Benzo(k)fluoranthene

24.031min (-0.005) 3.49ng/ul m

response 39167

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	24.89
125.00	7.20	7.33
0.00	0.00	0.00

U.M
28/12/15

Quantitation Report (Qedit)

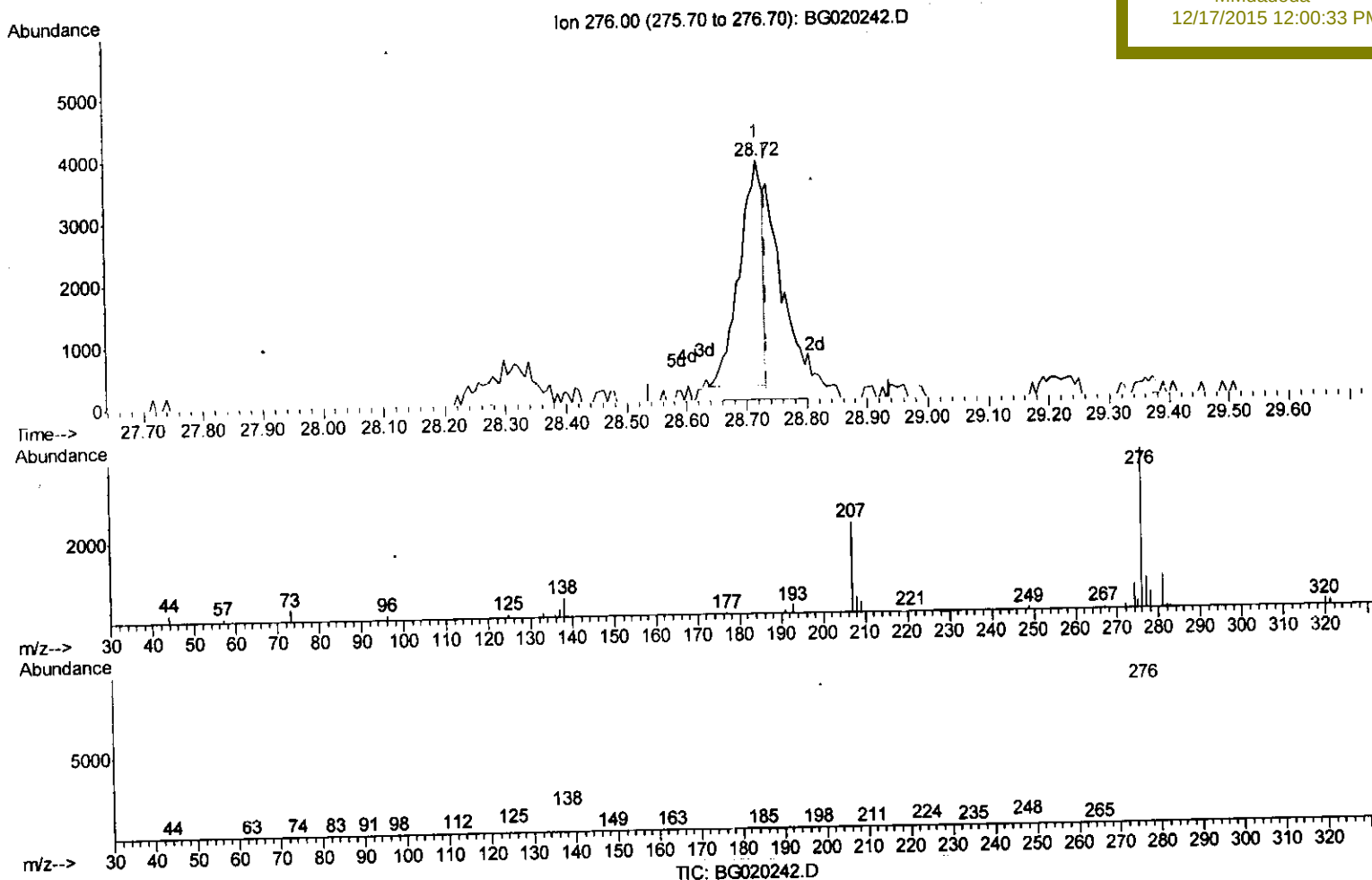
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
 Data File : BG020242.D
 Acq On : 17 Dec 2015 4:45
 Operator : UM/SJ
 Sample : G4767-21
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 17 06:41:57 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 17 06:39:33 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 D9N43

Manual Integrations
 APPROVED

MMdadoda
 12/17/2015 12:00:33 PM



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

28.720min (-0.017) 0.76ng/ul

response 9973

Ion	Exp%	Act%
276.00	100	100
138.00	14.20	15.09
277.00	21.70	22.64
0.00	0.00	0.00

Quantitation Report (Qedit)

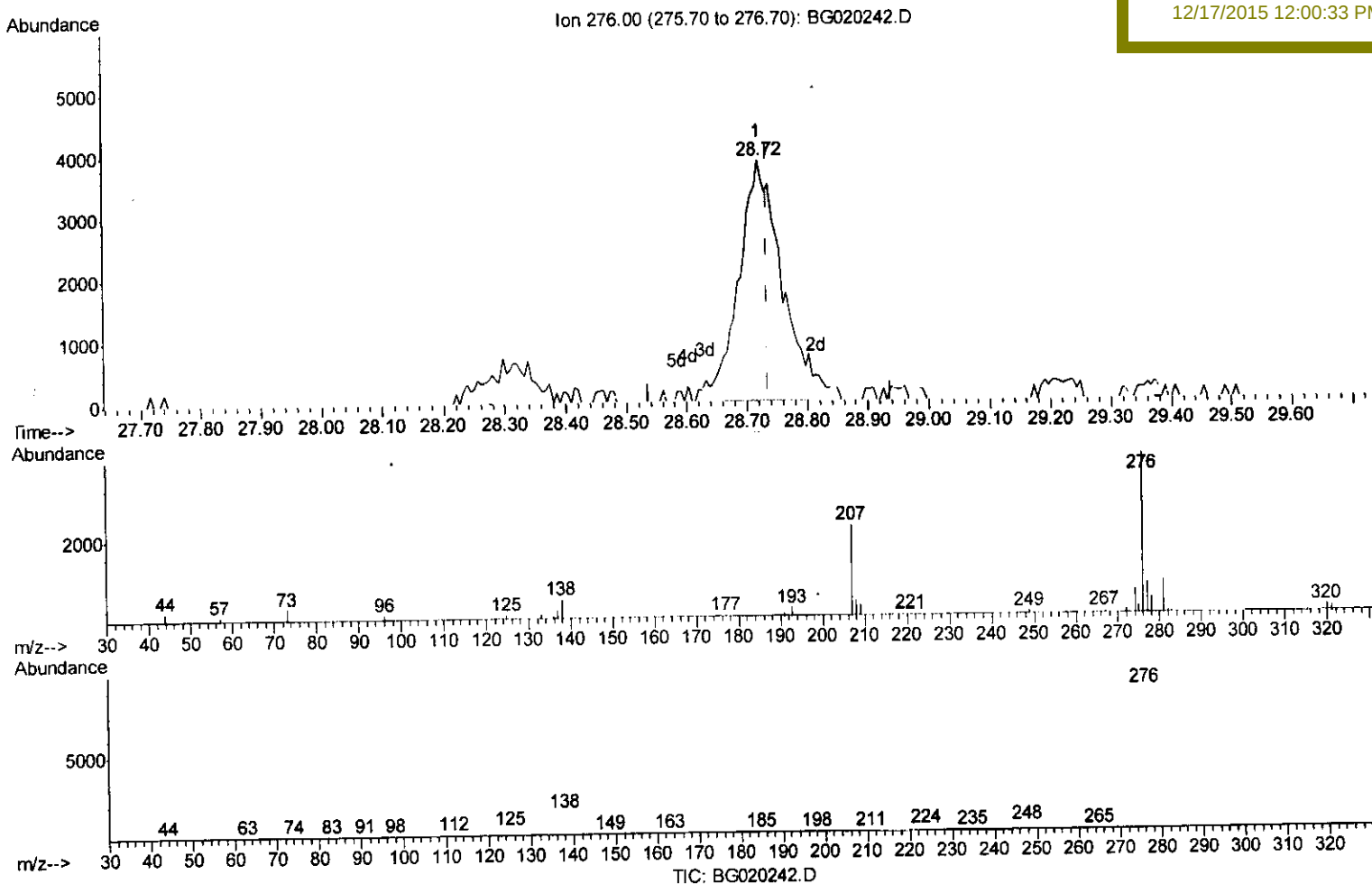
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
 Data File : BG020242.D
 Acq On : 17 Dec 2015 4:45
 Operator : UM/SJ
 Sample : G4767-21
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 17 06:41:57 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 17 06:39:33 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 D9N43

Manual Integrations
 APPROVED

MMdadoda
 12/17/2015 12:00:33 PM



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

28.720min (-0.017) 1.47ng/ul m

response 19421

Ion	Exp%	Act%
276.00	100	100
138.00	14.20	15.09
277.00	21.70	22.64
0.00	0.00	0.00

> U.M
28/12/15

Quantitation Report (Qedit)

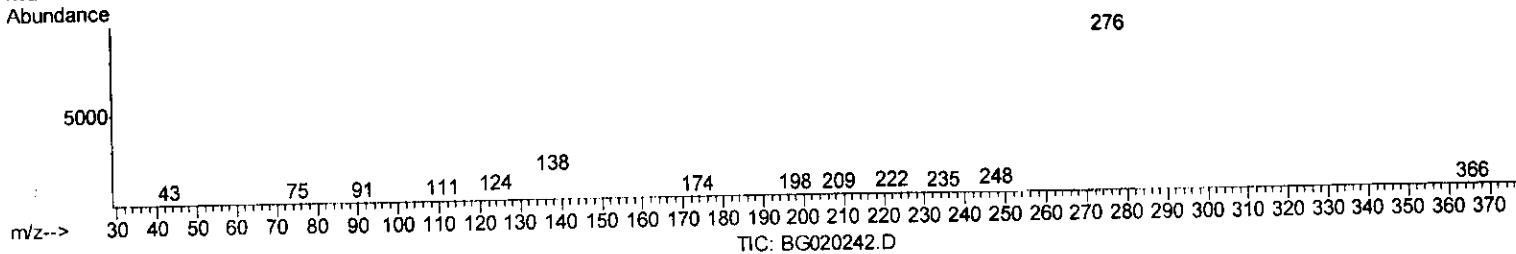
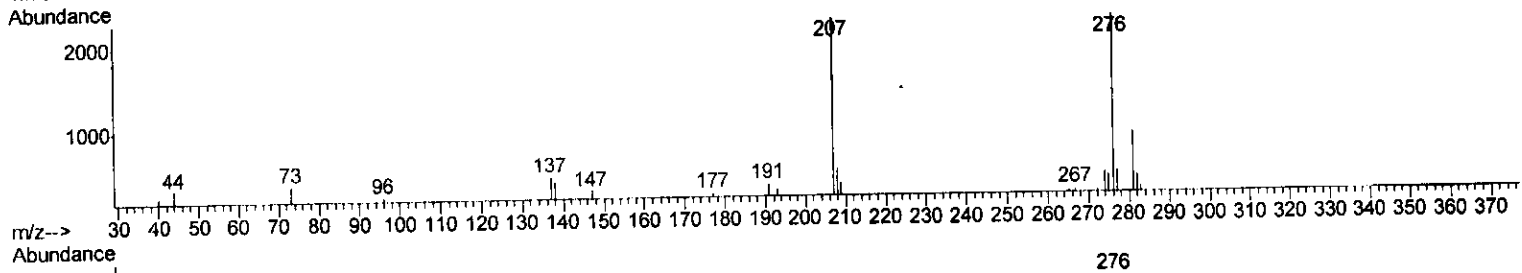
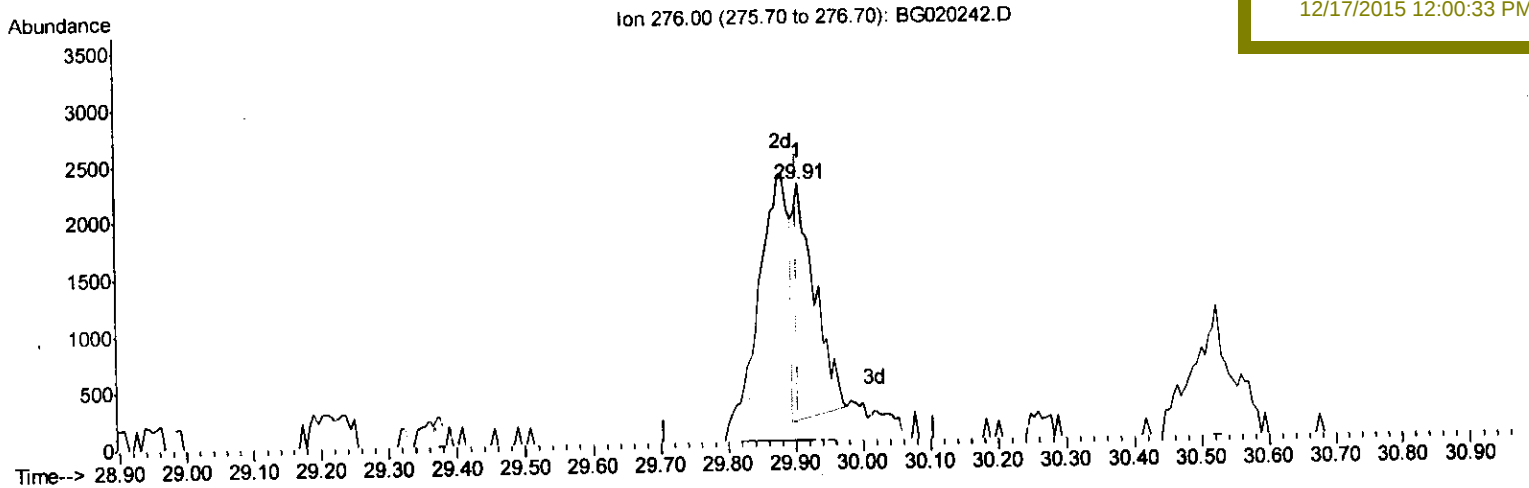
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
 Data File : BG020242.D
 Acq On : 17 Dec 2015 4:45
 Operator : UM/SJ
 Sample : G4767-21
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N43

Quant Time: Dec 17 06:41:57 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 17 06:39:33 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 12/17/2015 12:00:33 PM



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

29.906min (+0.001) 0.42ng/ul

response 4551

Ion	Exp%	Act%
276.00	100	100
138.00	13.50	16.39#
277.00	24.90	17.93#
0.00	0.00	0.00

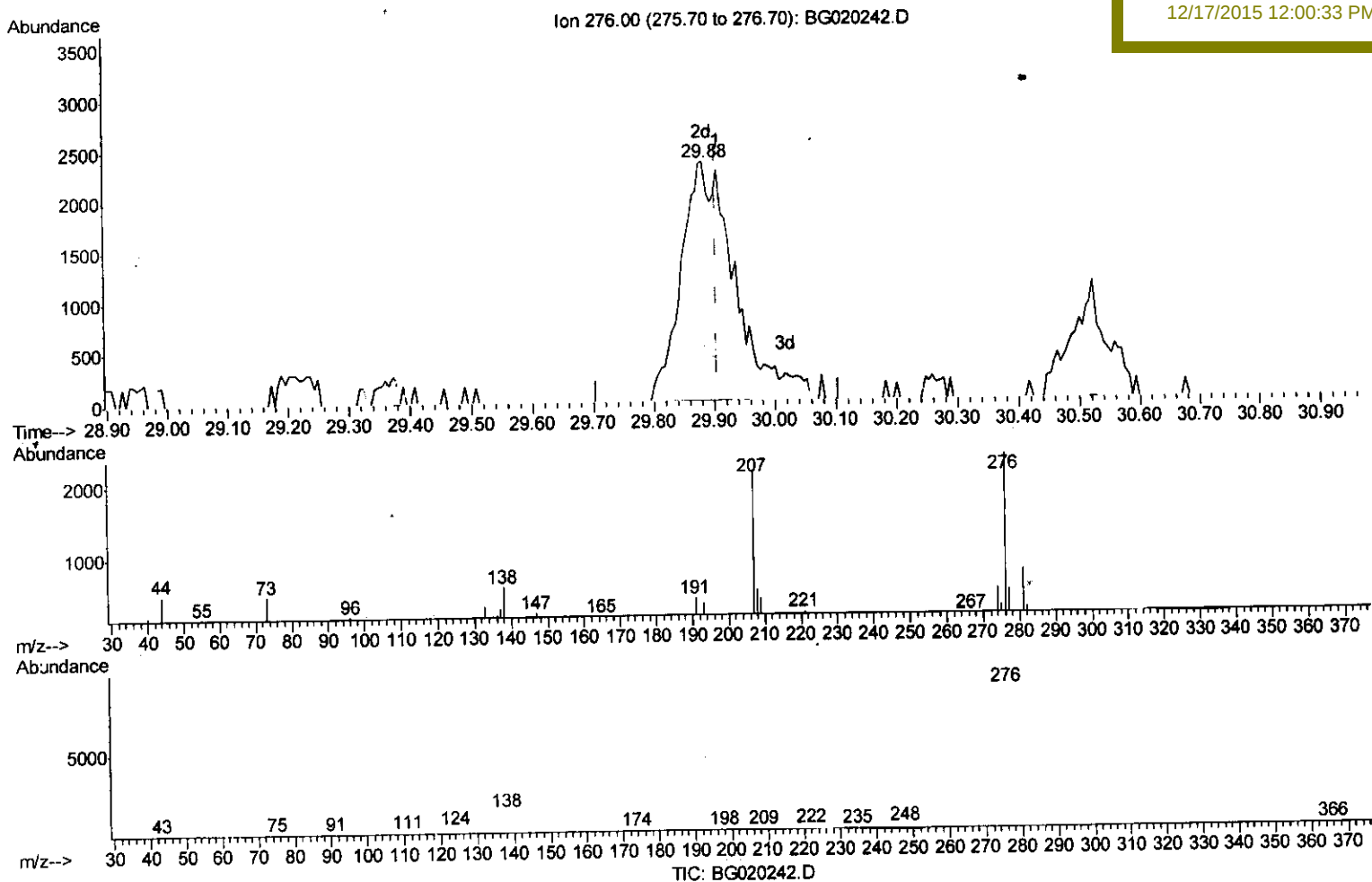
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
 Data File : BG020242.D
 Acq On : 17 Dec 2015 4:45
 Operator : UM/SJ
 Sample : G4767-21
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 17 06:41:57 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 17 06:39:33 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 D9N43

Manual Integrations
 APPROVED

MMdadoda
 12/17/2015 12:00:33 PM



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

29.883min (-0.023) 1.33ng/ul m

response 14337

Ion	Exp%	Act%
276.00	100	100
138.00	13.50	24.68#
277.00	24.90	20.87
0.00	0.00	0.00

> U.M
 28/10/15

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
 Data File : BG020242.D
 Acq On : 17 Dec 2015 4:45
 Operator : UM/SJ
 Sample : G4767-21
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N43

Quant Time: Dec 17 06:49:34 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 17 06:39:33 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 12/17/2015 12:00:33 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	21339	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	101913	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	73463	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	179700	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	203479	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	194154	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	2036	5.27	ng/uL	0.00
5) Phenol-d5	7.24	99	56982	30.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	34329	30.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	44795	32.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	50415	31.33	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	24478	30.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	29225	33.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	53616	29.94	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	69665	34.63	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	178109	29.97	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	187802	27.16	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	29424	27.61	ng/ul	0.00
58) Fluorene-d10	15.72	176	140362	26.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	22435	21.06	ng/ul	0.00
71) Anthracene-d10	17.57	188	217238	26.24	ng/ul	0.00
79) Pyrene-d10	19.85	212	239414	25.24	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	250642	25.88	ng/ul	0.00

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Phenol	7.27	94	3624	1.80	ng/ul#	83
16) 4-Methylphenol	8.87	108	2766	1.63	ng/ul	92
24) 2,4-Dimethylphenol	10.06	107	3278m	1.52	ng/ul	
28) Naphthalene	10.98	128	1314960	247.08	ng/ul	95
34) 2-Methylnaphthalene	12.56	142	373114	91.78	ng/ul	99
35) 1-Methylnaphthalene	12.78	142	177373	45.38	ng/ul	94
41) 1,1'-Biphenyl	13.56	154	143359	25.87	ng/ul	95
45) Dimethylphthalate	14.17	163	82734	13.63	ng/ul	99
48) Acenaphthylene	14.45	152	49397	6.73	ng/ul#	95
50) Acenaphthene	14.79	153	622635	125.99	ng/ul	99
54) Dibenzofuran	15.12	168	642046	87.34	ng/ul	96
59) Fluorene	15.78	166	586149	99.29	ng/ul	98
70) Phenanthrene	17.53	178	2218676m	225.72	ng/ul	
72) Anthracene	17.60	178	210954	21.16	ng/ul	99
75) Carbazole	17.87	167	199429	23.81	ng/ul	99
77) Fluoranthene	19.52	202	1369754	119.24	ng/ul	99
80) Pyrene	19.88	202	956049	77.63	ng/ul	99
83) Benzo(a)anthracene	21.72	228	229574	19.34	ng/ul	99
85) Chrysene	21.79	228	189822	16.98	ng/ul	97
88) Benzo(b)fluoranthene	23.97	252	104762	8.96	ng/ul	97
89) Benzo(k)fluoranthene	24.03	252	39167m	3.49	ng/ul	
91) Benzo(a)pyrene	24.85	252	61172	5.52	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.72	276	19421m	1.47	ng/ul	

> U.M
 28/12/15

> U.M
 28/12/15

> U.M
 28/12/15

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020242.D
Acq On : 17 Dec 2015 4:45
Operator : UM/SJ
Sample : G4767-21
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 17 06:49:34 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 17 06:39:33 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Benzo(g,h,i)perylene	29.88	276	14337m	1.33	ng/ul	

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

Instrument :
BNA_G
ClientSampleId :
D9N43

Manual Integrations
APPROVED

MMdadoda
12/17/2015 12:00:33 PM

> 0.11
28/12/15

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020242.D
Acq On : 17 Dec 2015 4:45
Operator : UM/SJ
Sample : G4767-21
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 17 06:49:34 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 17 06:39:33 2015
Response via : Initial Calibration

Instrument :
BNA_G
Client Sample ID :
D9N43

Manual Integrations
APPROVED

MMdadoda
12/17/2015 12:00:33 PM

