

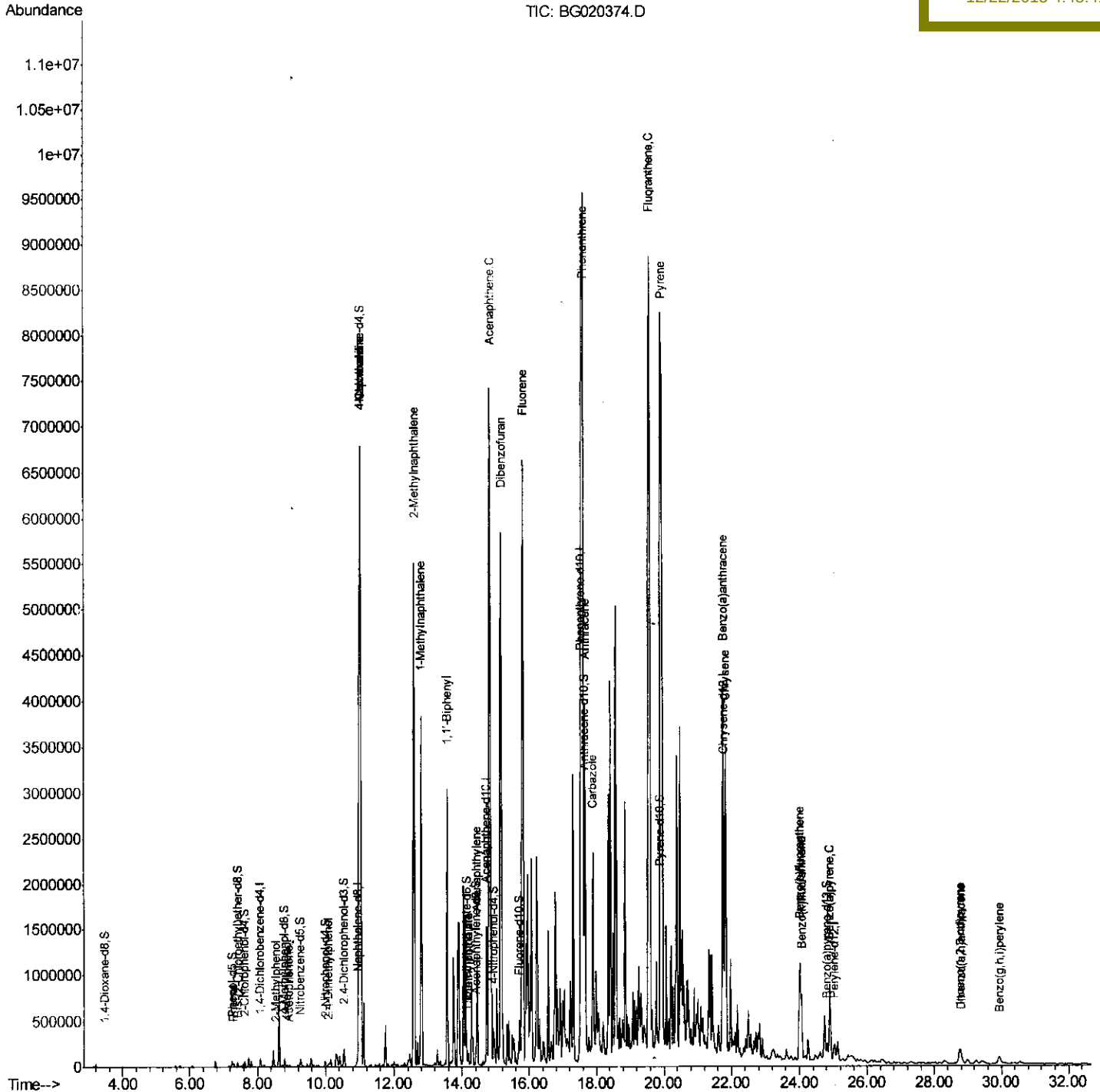
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122015\
Data File : BG020374.D
Acq On : 21 Dec 2015 11:35
Operator : UM/SJ
Sample : G4848-04
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Dec 22 01:28:06 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 21 07:46:34 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9N50

Manual Integrations
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Quantitation Report (Qedit)

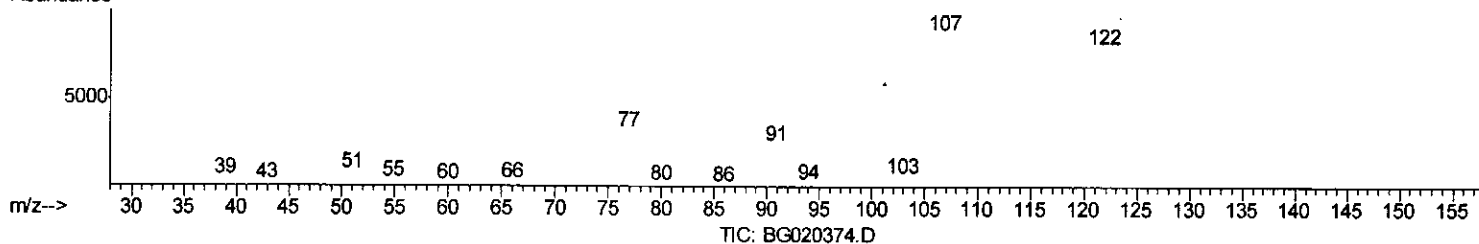
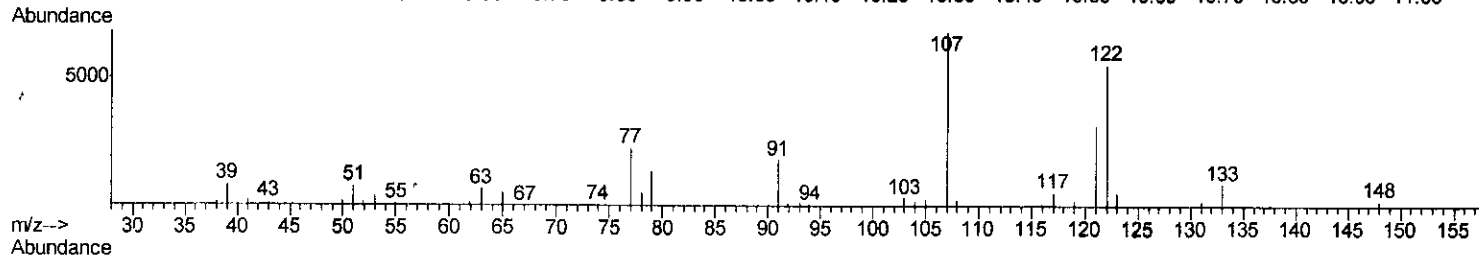
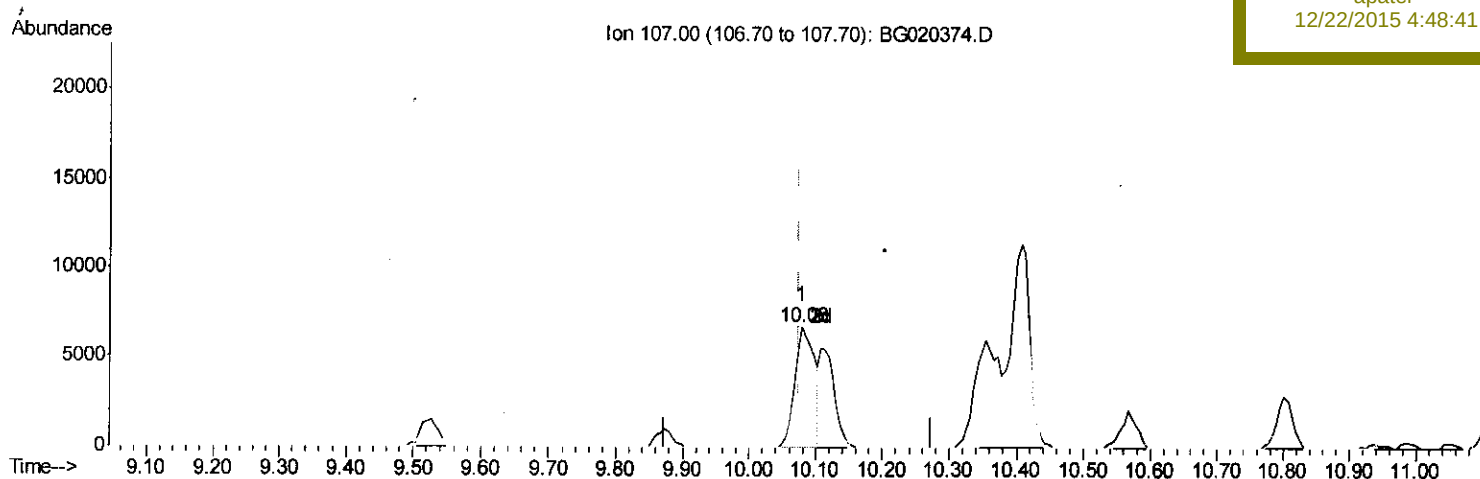
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122015\
 Data File : BG020374.D
 Acq On : 21 Dec 2015 11:35
 Operator : UM/SJ
 Sample : C4848-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
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Quant Time: Dec 22 00:24:00 2015
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Manual Integrations
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(24) 2,4-Dimethylphenol

10.078min (+0.005) 5.90ng/ul

response 13860

Ion	Exp%	Act%
107.00	100	100
121.00	48.70	47.12
122.00	77.60	81.42
0.00	0.00	0.00

Quantitation Report (Qedit)

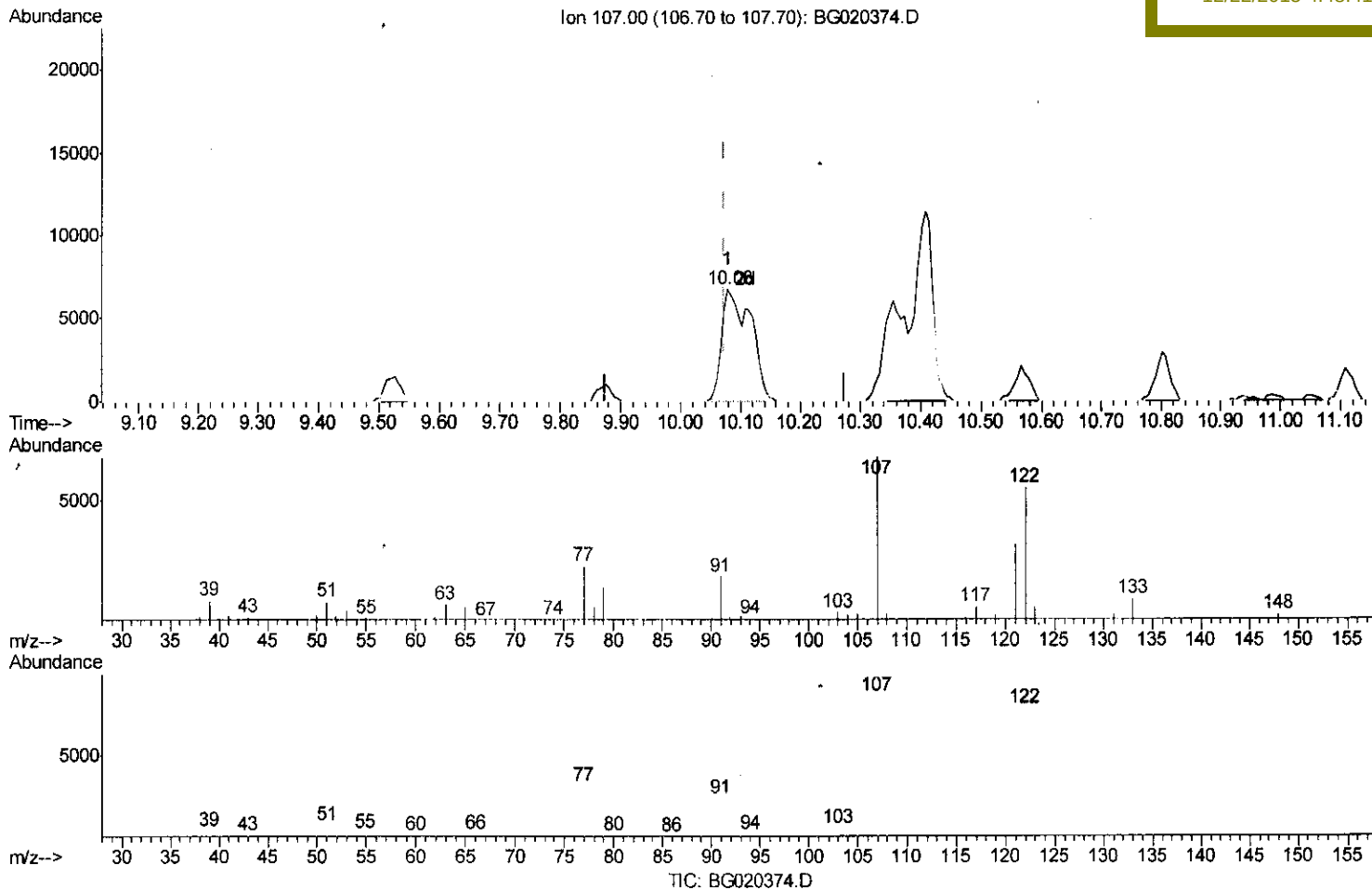
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122015\
 Data File : BG020374.D
 Acq On : 21 Dec 2015 11:35
 Operator : UM/SJ
 Sample : G4848-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
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Manual Integrations
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 12/22/2015 4:48:41 PM

Quant Time: Dec 22 00:24:00 2015
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(24) 2,4-Dimethylphenol

10.078min (+0.005) 9.56ng/ul m *U.M*
12/23/15

response 22433

Ion	Exp%	Act%
107.00	100	100
121.00	48.70	47.12
122.00	77.60	81.42
0.00	0.00	0.00

Quantitation Report (Qedit)

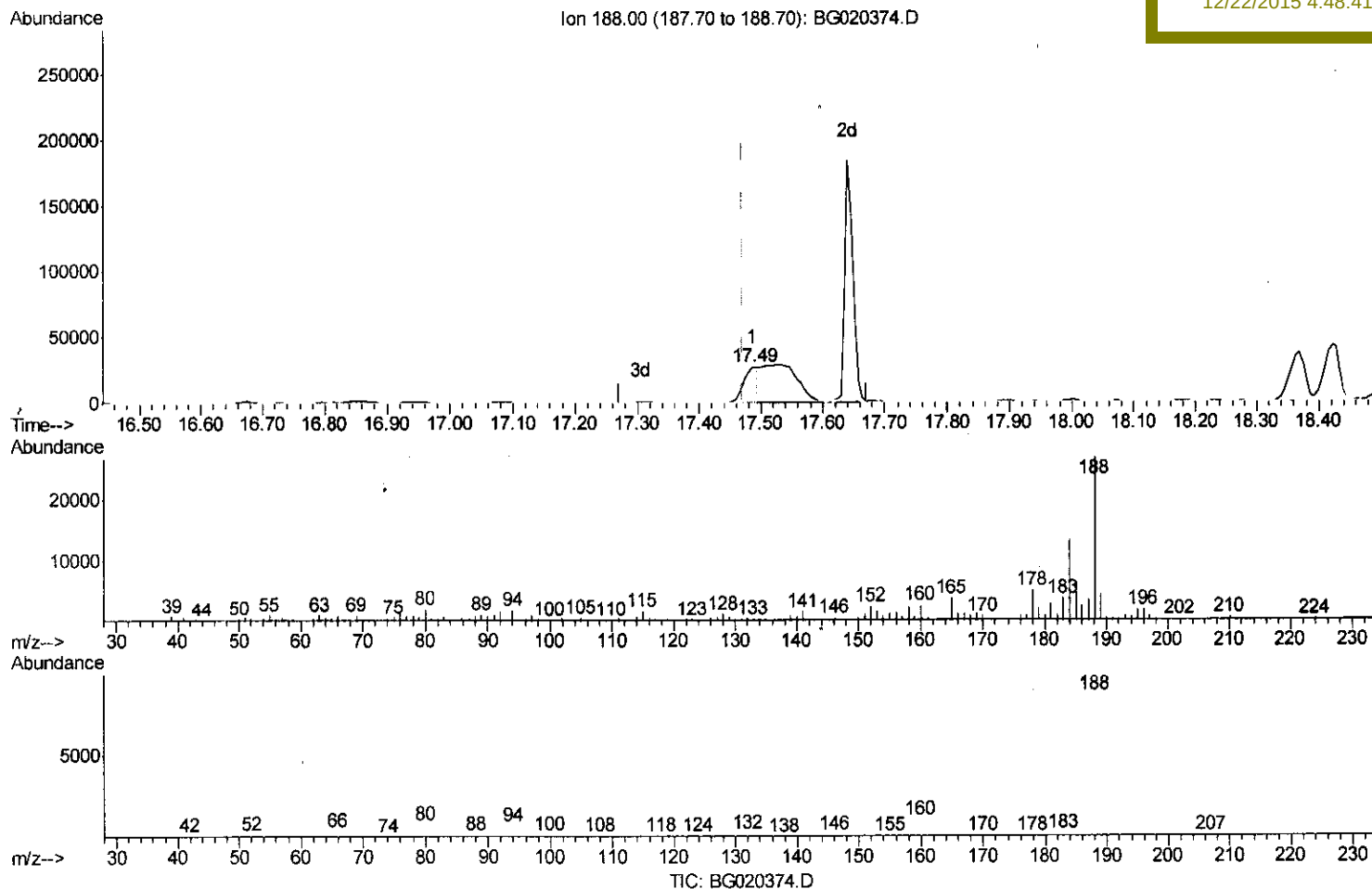
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122015\
 Data File : BG020374.D
 Acq On : 21 Dec 2015 11:35
 Operator : UM/SJ
 Sample : G4848-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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(62) Phenanthrene-d10 (I)

17.487min (+0.017) 20.00ng/ul

response 42252

Ion	Exp%	Act%
188.00	100	100
94.00	6.90	6.76
80.00	8.90	7.71
0.00	0.00	0.00

Quantitation Report (Qedit)

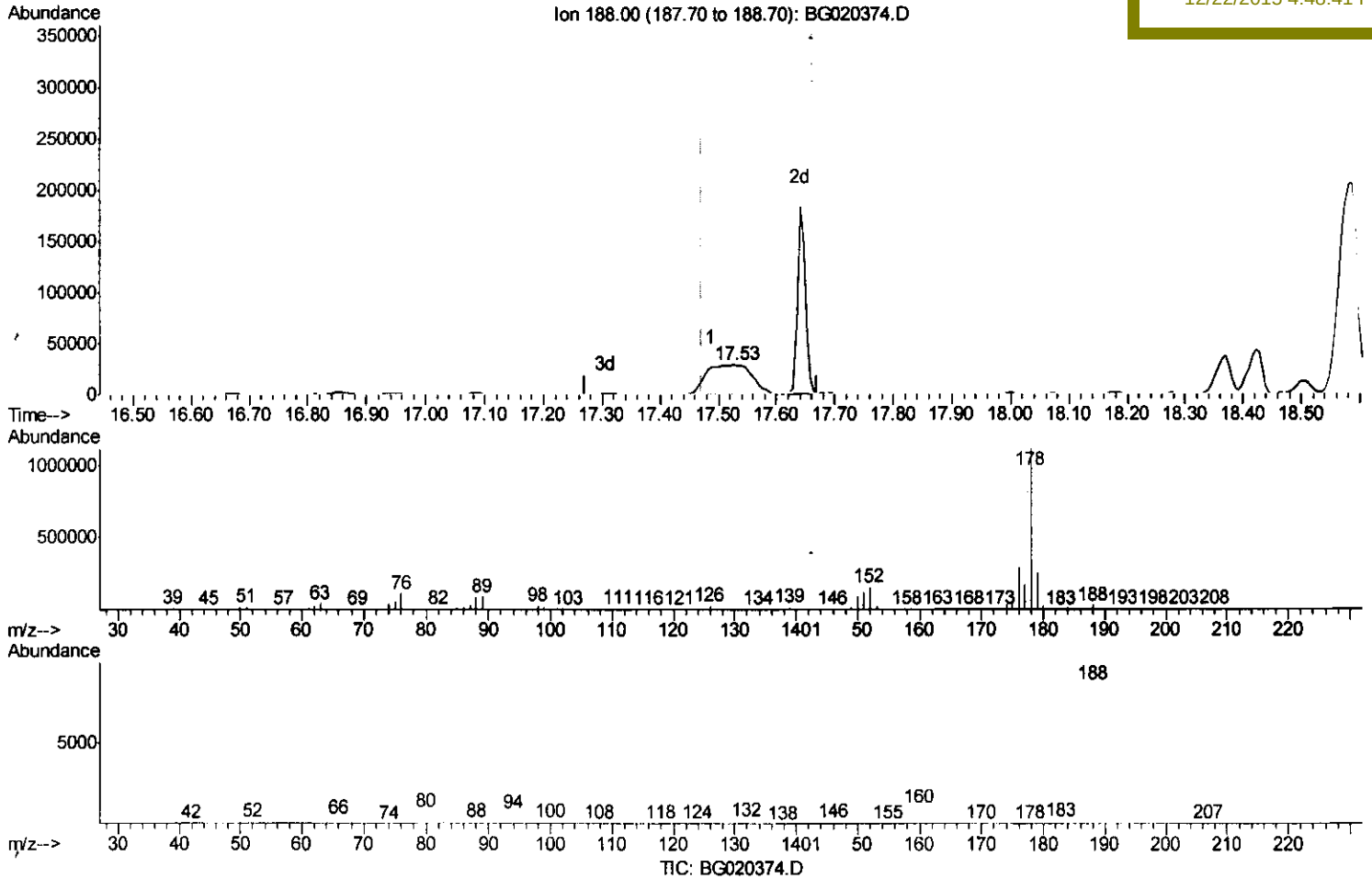
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122015\
 Data File : BG020374.D
 Acq On : 21 Dec 2015 11:35
 Operator : UM/SJ
 Sample : G4848-04
 Misc :
 , ALS Vial : 39 Sample Multiplier: 1

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Manual Integrations
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(62) Phenanthrene-d10 (I)

17.529min (+0.058) 20.00ng/ul m U.M
 response 157969 12/23/15

Ion	Exp%	Act%
188.00	100	100
94.00	6.90	7.76
80.00	8.90	7.75
0.00	0.00	0.00

Quantitation Report (Qedit)

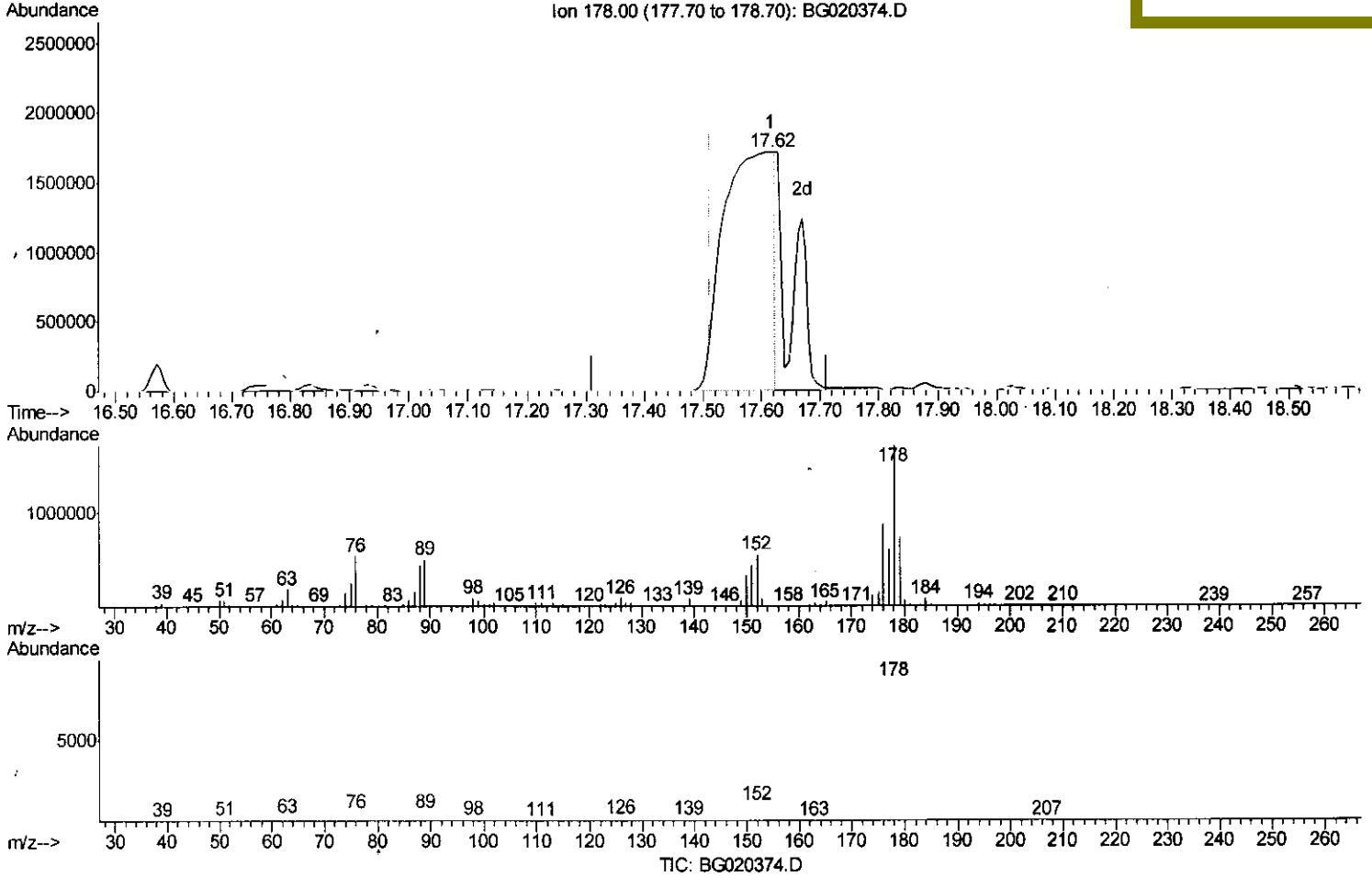
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122015\
 Data File : BG020374.D
 Acq On : 21 Dec 2015 11:35
 Operator : UM/SJ
 Sample : G4848-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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(70) Phenanthrene

17.617min (+0.105) 1183.80ng/ul

response 10228845

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	42.59#
176.00	19.10	50.39#
0.00	0.00	0.00

Quantitation Report (Qedit)

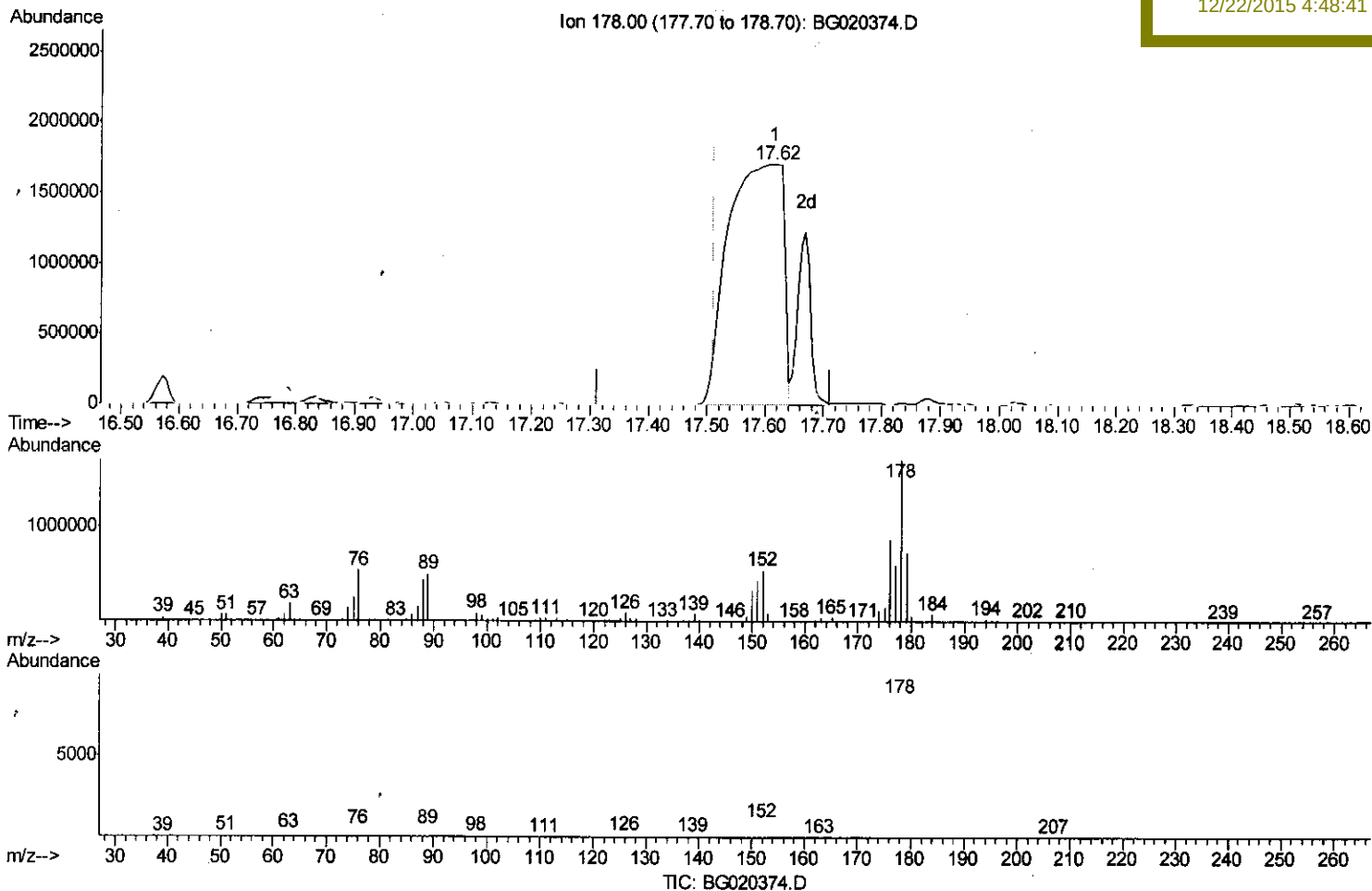
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122015\
 Data File : BG020374.D
 Acq On : 21 Dec 2015 11:35
 Operator : UM/SJ
 Sample : G4848-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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(70) Phenanthrene

17.617min (+0.105) 1299.30ng/ul m U.M

response 11226759

12/23/15

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	42.59#
176.00	19.10	50.39#
0.00	0.00	0.00

Quantitation Report (Qedit)

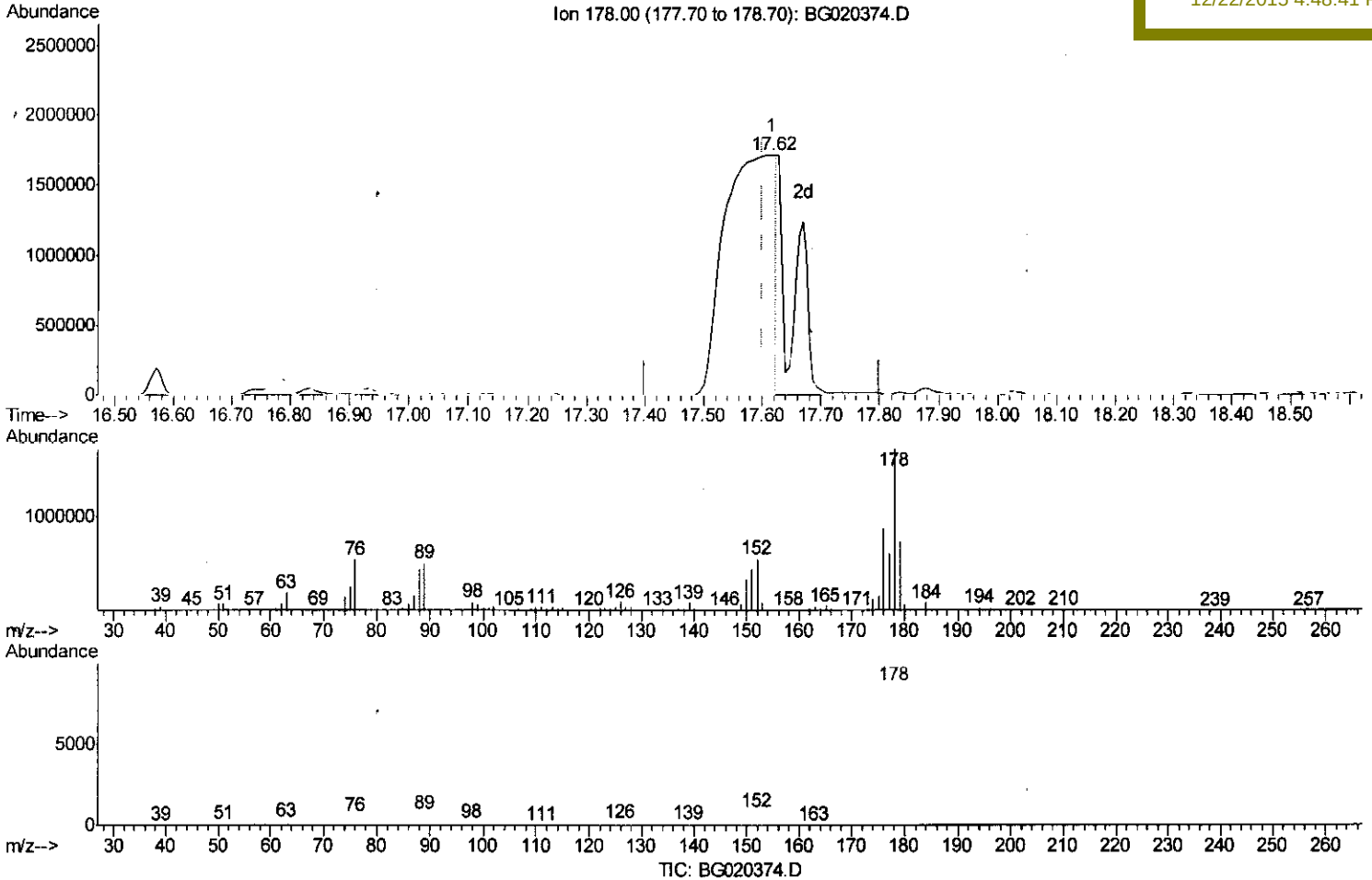
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122015\
 Data File : BG020374.D
 Acq On : 21 Dec 2015 11:35
 Operator : UM/SJ
 Sample : G4848-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Quant Time: Dec 22 01:18:22 2015
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Manual Integrations
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(72) Anthracene

17.617min (+0.017) 1167.16ng/ul

response 10228845

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	42.59#
176.00	17.90	50.39#
0.00	0.00	0.00

Quantitation Report (Qedit)

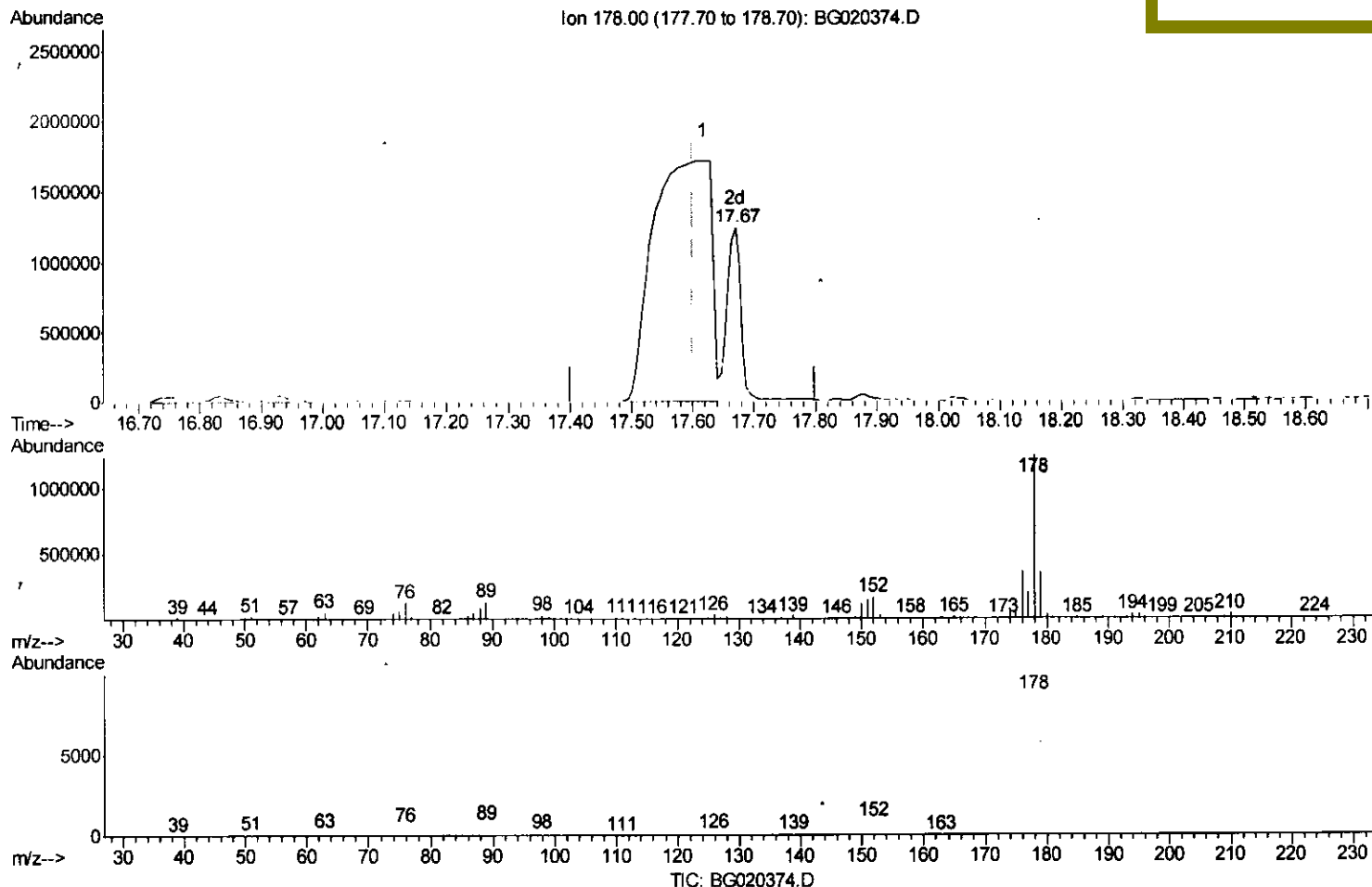
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122015\
 Data File : BG020374.D
 Acq On : 21 Dec 2015 11:35
 Operator : UM/SJ
 Sample : G4848-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
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Manual Integrations
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(72) Anthracene

17.670min (+0.070) 222.83ng/ul m U.M

response 1952874

Ion Exp% Act%

178.00 100 100

179.00 15.40 27.78#

176.00 17.90 28.56#

0.00 0.00 0.00

Quantitation Report (Qedit)

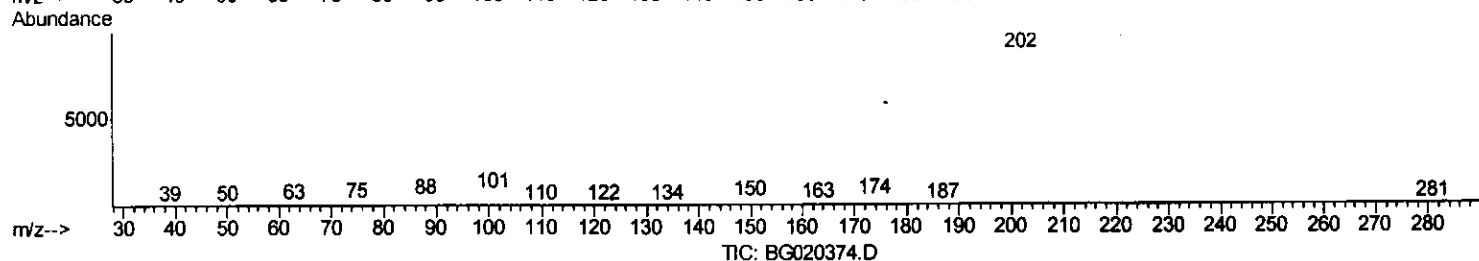
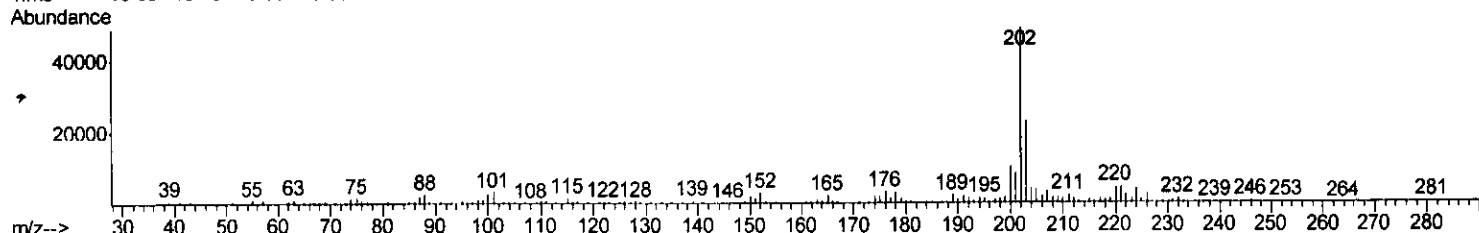
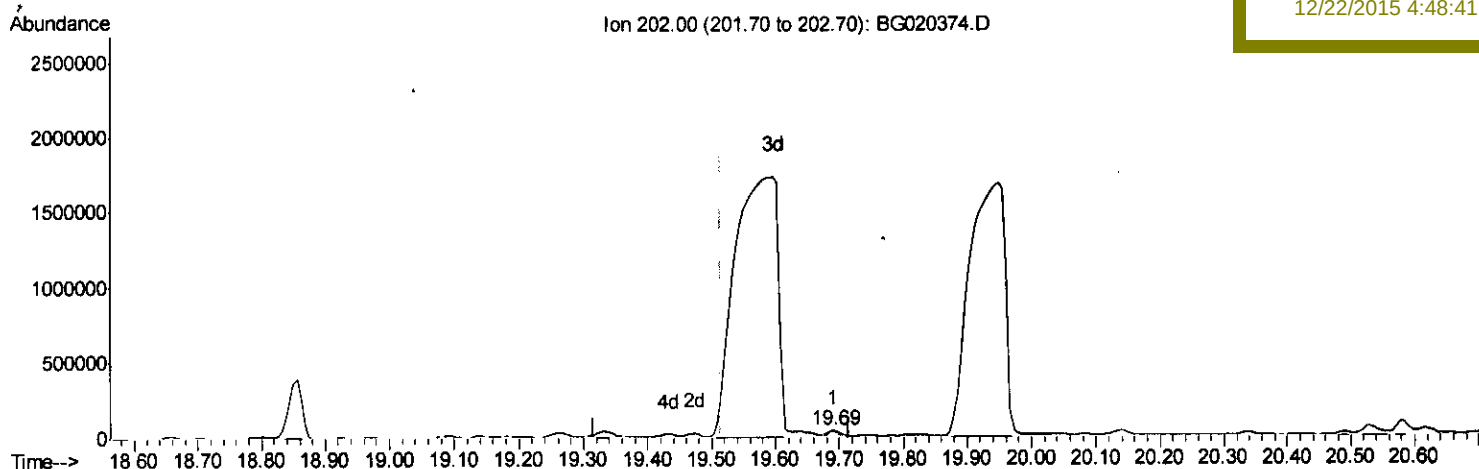
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122015\
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Manual Integrations
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 12/22/2015 4:48:41 PM



(77) Fluoranthene (C)

19.691min (+0.175) 3.45ng/ui

response 34841

Ion	Exp%	Act%
202.00	100	100
101.00	7.80	7.01
100.00	6.40	5.95
0.00	0.00	0.00

Quantitation Report (Qedit)

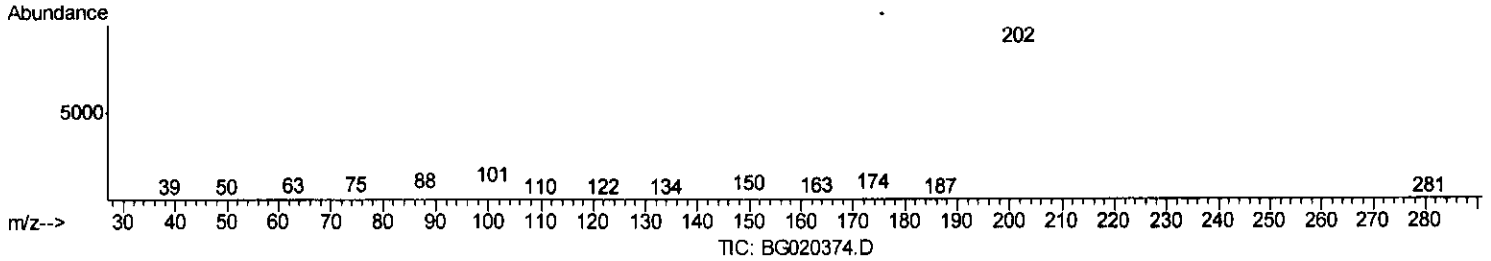
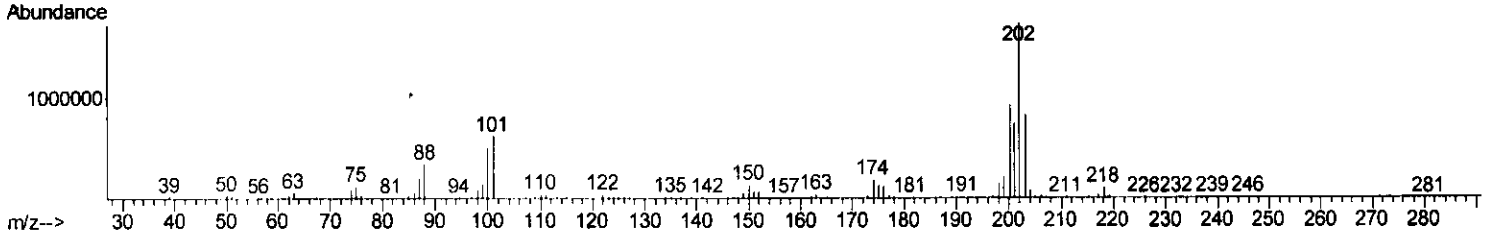
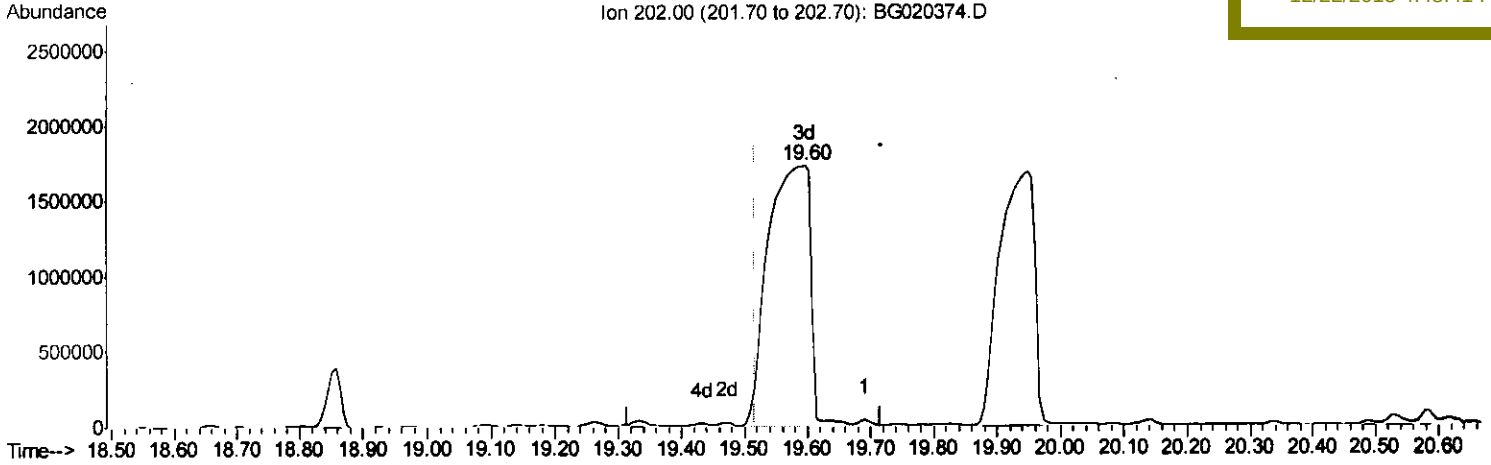
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122015\
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 ALS Vial : 39 Sample Multiplier: 1

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Manual Integrations
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(77) Fluoranthene (C)

19.597min (+0.081) 805.73ng/ul m

response 8136595

U.M
 12/23/15

Ion	Exp%	Act%
202.00	100	100
101.00	7.80	35.39#
100.00	6.40	28.82#
0.00	0.00	0.00

Quantitation Report (Qedit)

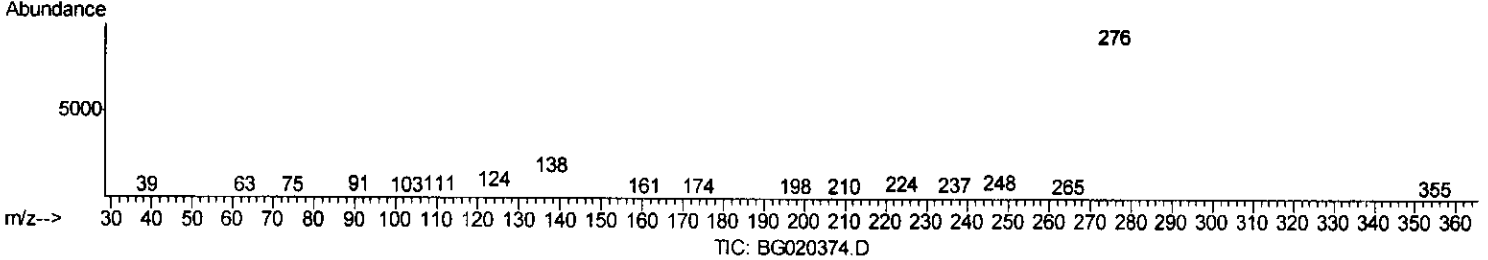
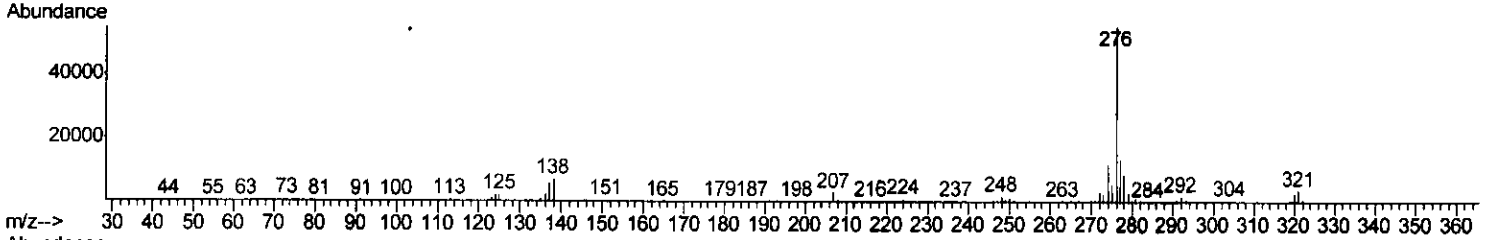
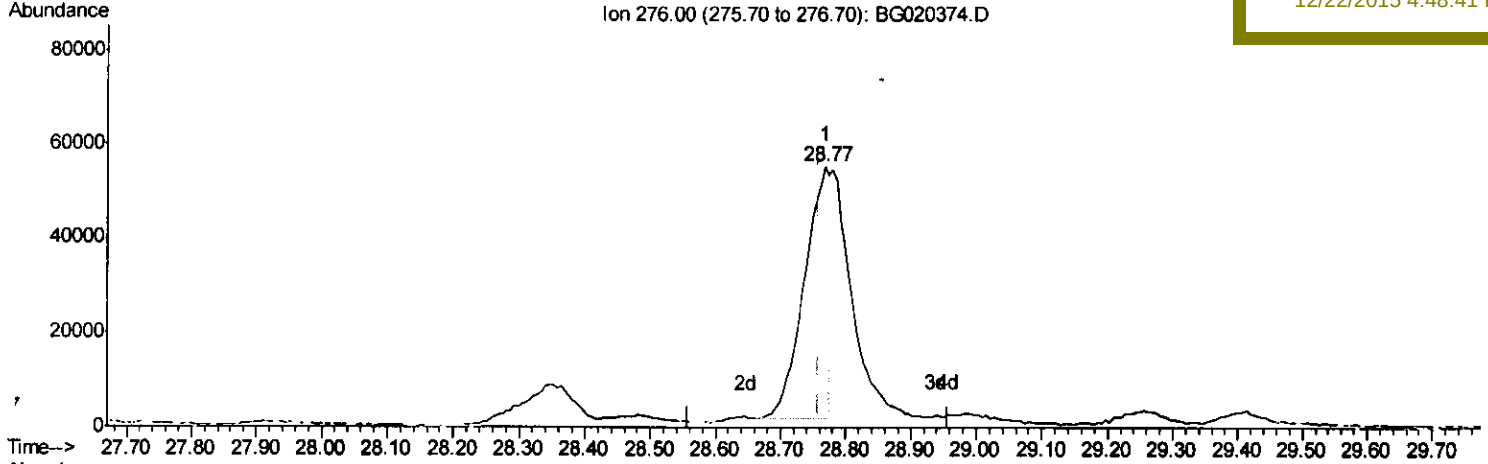
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Manual Integrations
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 12/22/2015 4:48:41 PM

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

28.768min (+0.011) 10.88ng/ul

response 144873

Ion	Exp%	Act%
276.00	100	100
138.00	14.20	12.70
277.00	21.70	24.40
0.00	0.00	0.00

Quantitation Report (Qedit)

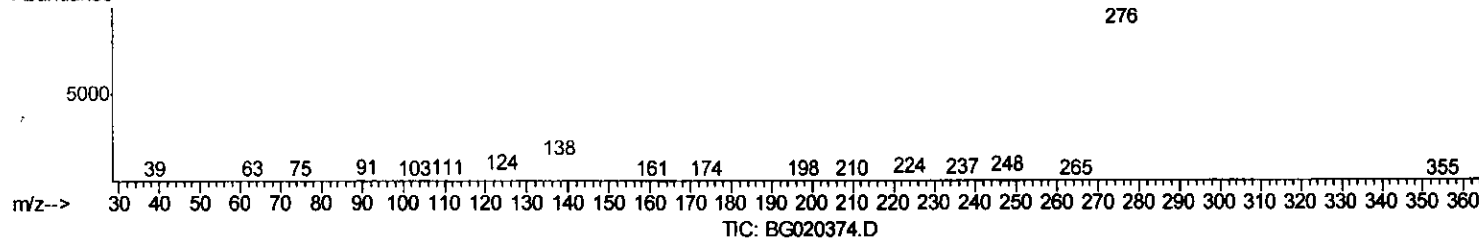
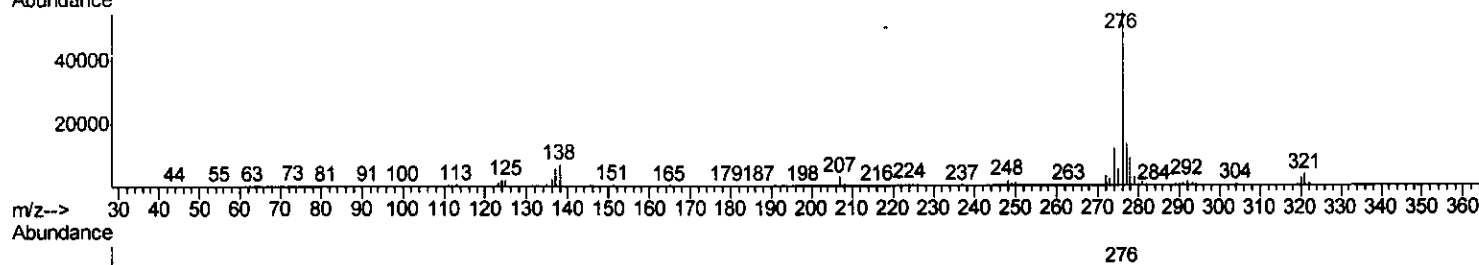
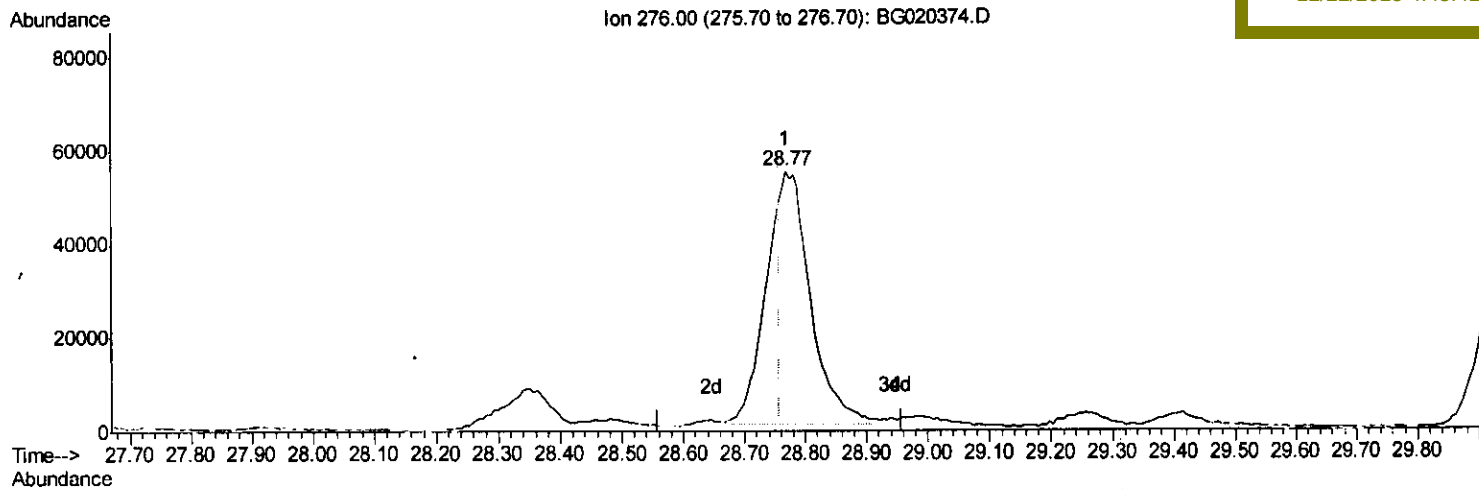
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Manual Integrations
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 12/22/2015 4:48:41 PM

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

28.768min (+0.011) 20.23ng/ul m *U.M*
 response 269243 *12/23/15*

Ion	Exp%	Act%
276.00	100	100
138.00	14.20	12.70
277.00	21.70	24.40
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	27850	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	111145	20.00	ng/ul	0.03
36) Acenaphthene-d10	14.74	164	86787	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.53	188	157969m	20.00	ng/ul	0.06
78) Chrysene-d12	21.78	240	205005	20.00	ng/ul	0.03
86) Perylene-d12	25.04	264	195916	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	1341	2.66	ng/uL	0.00
5) Phenol-d5	7.25	99	42076	17.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	28813	19.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	35599	19.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	37496	17.85	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	20898	24.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	23011	23.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	41163	21.08	ng/ul	0.02
29) 4-Chloroaniline-d4	11.05	131	56746	25.87	ng/ul	0.00
44) Dimethylphthalate-d6	14.14	166	133682	19.04	ng/ul	0.02
47) Acenaphthylene-d8	14.43	160	156848	19.20	ng/ul	0.00
52) 4-Nitrophenol-d4	14.95	143	21381	16.98	ng/ul	0.02
58) Fluorene-d10	15.72	176	119030	18.69	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.64	188	168041	23.09	ng/ul	0.07
79) Pyrene-d10	19.88	212	215520	22.56	ng/ul	0.03
90) Benzo(a)pyrene-d12	24.81	264	241355	24.70	ng/ul	0.02

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Phenol	7.28	94	6041	2.30	ng/ul#	90
11) 2-Methylphenol	8.54	108	7459	3.72	ng/ul	98
14) Acetophenone	8.92	105	4444	1.35	ng/ul	96
16) 4-Methylphenol	8.87	108	12333	5.55	ng/ul	98
24) 2,4-Dimethylphenol	10.08	107	22433m	9.56	ng/ul	
28) Naphthalene	11.04	128	8032617	1383.94	ng/ul#	47
34) 2-Methylnaphthalene	12.60	142	3615549	815.51	ng/ul	98
35) 1-Methylnaphthalene	12.81	142	1969403	462.05	ng/ul#	95
41) 1,1'-Biphenyl	13.57	154	1633125	249.43	ng/ul	94
45) Dimethylphthalate	14.19	163	57750	8.05	ng/ul	99
48) Acenaphthylene	14.46	152	524642	60.46	ng/ul#	92
50) Acenaphthene	14.85	153	5199037	890.53	ng/ul#	83
54) Dibenzofuran	15.17	168	4751413	547.10	ng/ul#	56
59) Fluorene	15.83	166	4830960	692.70	ng/ul#	96
70) Phenanthrene	17.62	178	11226759m	1299.30	ng/ul	
72) Anthracene	17.67	178	1952874m	222.83	ng/ul	
75) Carbazole	17.90	167	1481506	201.19	ng/ul#	91
77) Fluoranthene	19.60	202	8136595m	805.73	ng/ul	
80) Pyrene	19.95	202	6435167	518.64	ng/ul#	34
83) Benzo(a)anthracene	21.76	228	2832451	236.79	ng/ul#	77
85) Chrysene	21.83	228	2433546	216.01	ng/ul#	78
88) Benzo(b)fluoranthene	24.02	252	1598858	135.59	ng/ul	95
89) Benzo(k)fluoranthene	24.07	252	507486	44.85	ng/ul	96

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Manual Integrations
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12/22/2015 4:48:41 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Benzo(a)pyrene	24.90	252	918800	82.20	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	28.77	276	269243m	20.23	ng/ul	
93) Dibenzo(a,h)anthracene	28.81	278	75152	6.80	ng/ul	94
94) Benzo(g,h,i)perylene	29.94	276	185151	16.97	ng/ul	98

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

U.M
12/23/15