

Quantitation Report (Qedit)

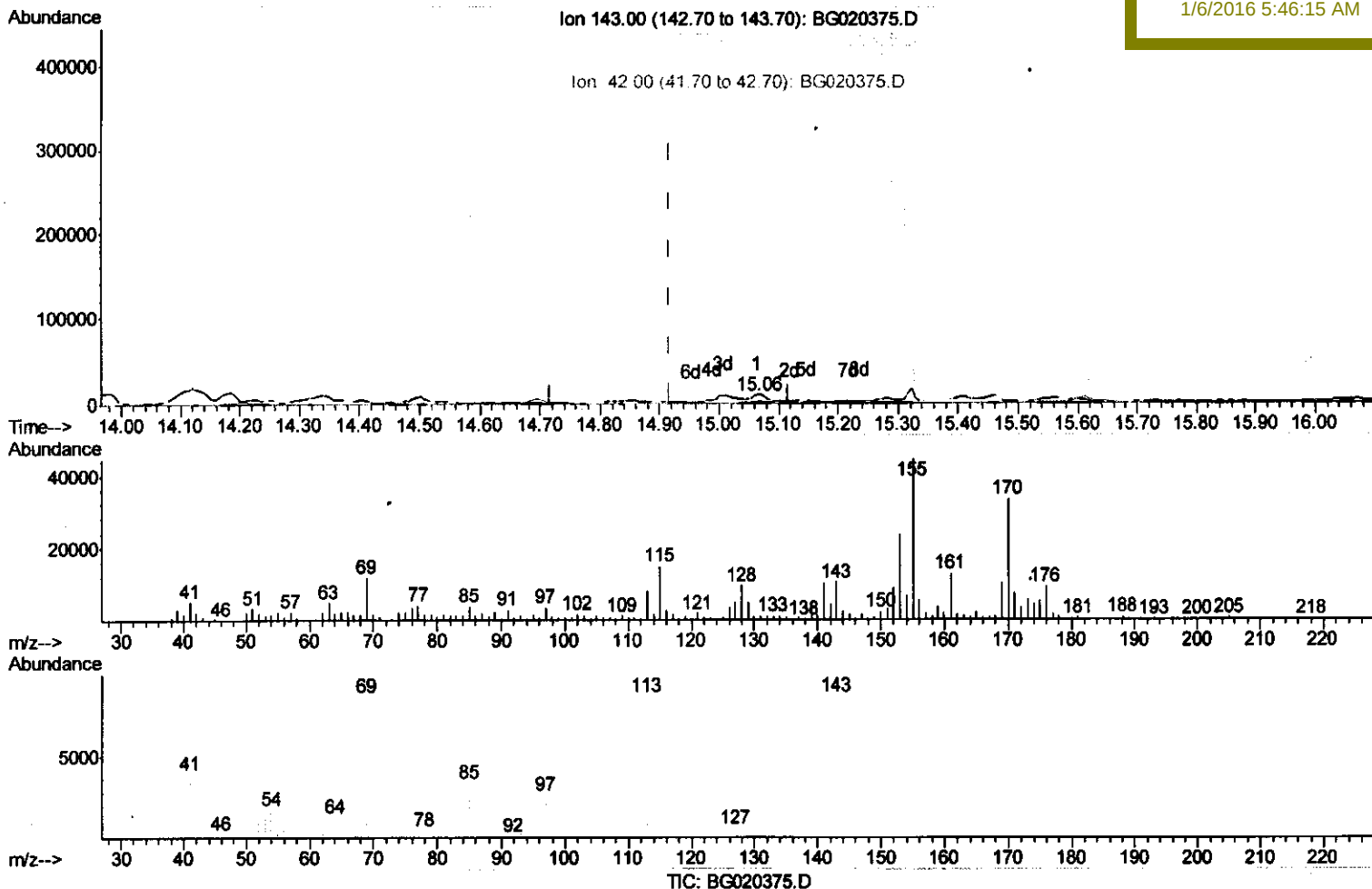
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122015\
 Data File : BG020375.D
 Acq On : 21 Dec 2015 12:14
 Operator : UM/SJ
 Sample : G4848-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Quant Time: Jan 04 15:06:40 2016
 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 :
 D9N51

Manual Integrations
 APPROVED

Sohil
 1/6/2016 5:46:15 AM



(52) 4-Nitrophenol-d4 (S)

15.065min (+0.147) 5.54ng/ul

response 13437

Ion	Exp%	Act%
143.00	100	100
113.00	89.00	77.26
41.00	38.30	50.11#
42.00	23.40	22.15

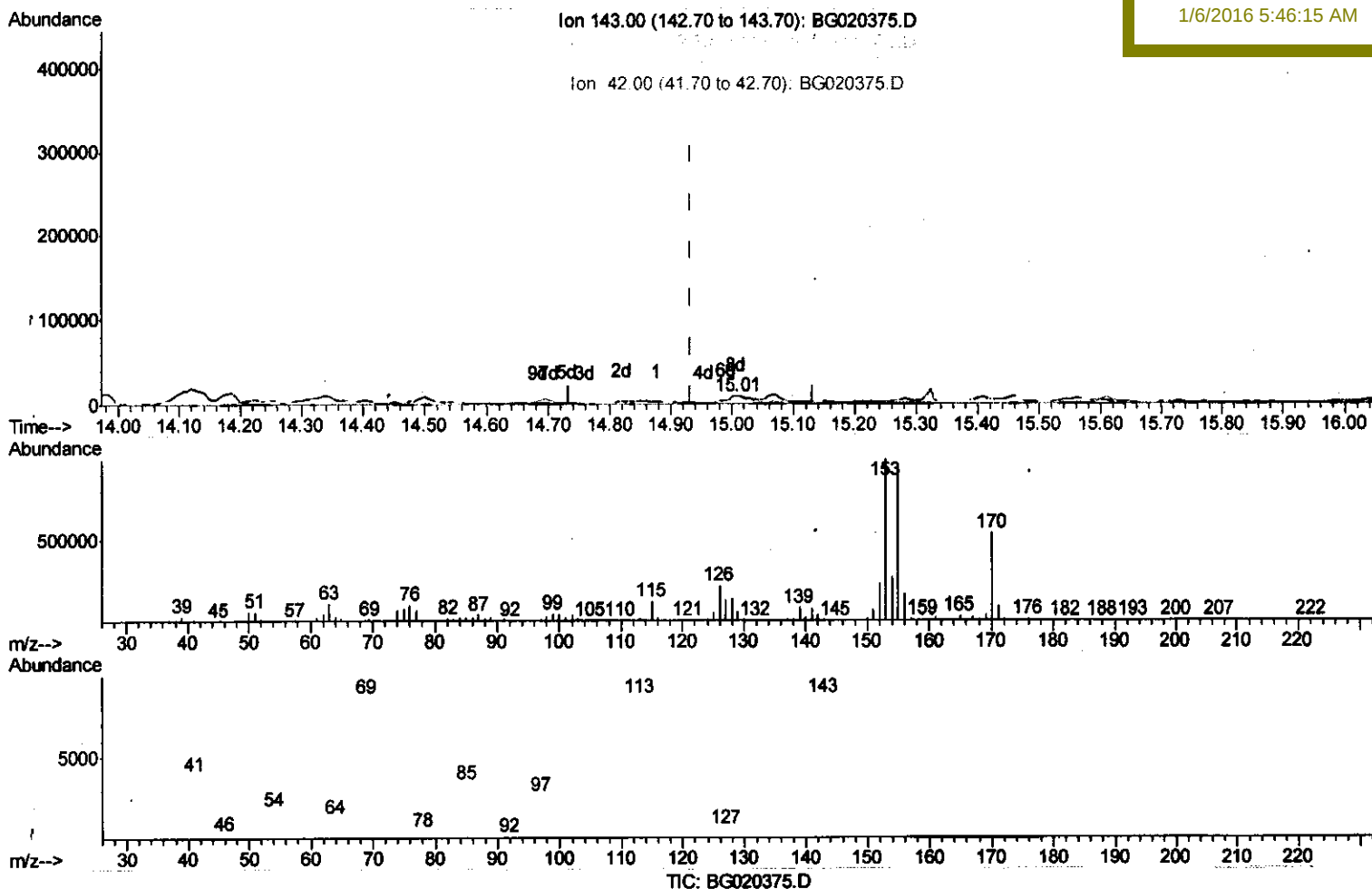
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122015\
 Data File : BG020375.D
 Acq On : 21 Dec 2015 12:14
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Quant Time: Jan 04 11:17:22 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 21 07:46:34 2015
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Manual Integrations
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 1/6/2016 5:46:15 AM



(52) 4-Nitrophenol-d4 (S)

15.006min (+0.074) 10.81ng/ul m

response 26854

Ion	Exp%	Act%
143.00	100	100
113.00	89.00	143.15#
41.00	38.30	56.30#
42.00	23.40	5.55#

U.M
 12/23/15

Quantitation Report (Qedit)

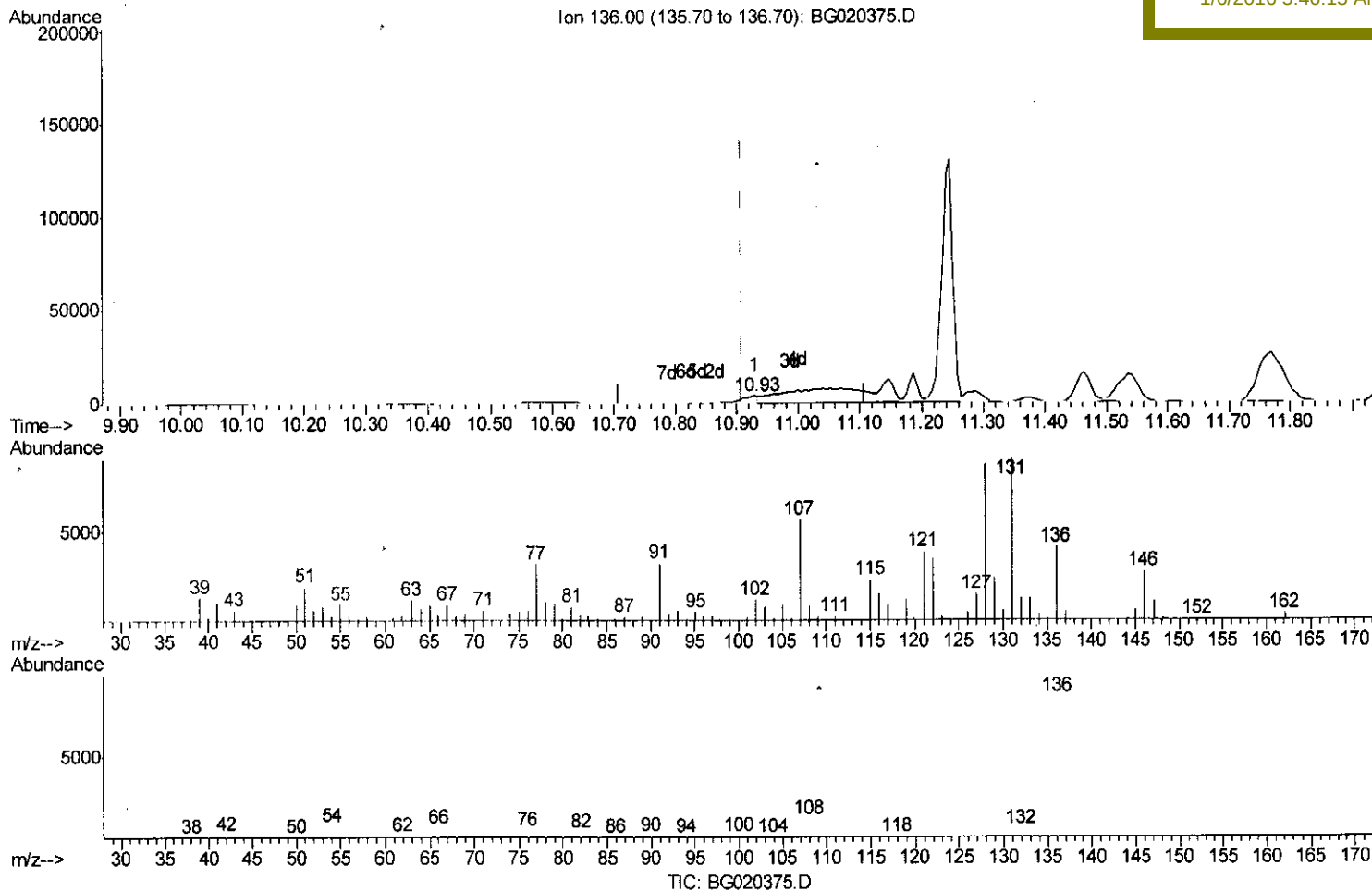
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Quant Time: Dec 22 03:44:09 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
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 QLast Update : Mon Dec 21 07:46:34 2015
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(18) Naphthalene-d8 (I)

10.929min (+0.021) 20.00ng/ul

response 6740

Ion	Exp%	Act%
136.00	100	100
68.00	5.80	9.64#
0.00	0.00	0.00
0.00	0.00	0.00

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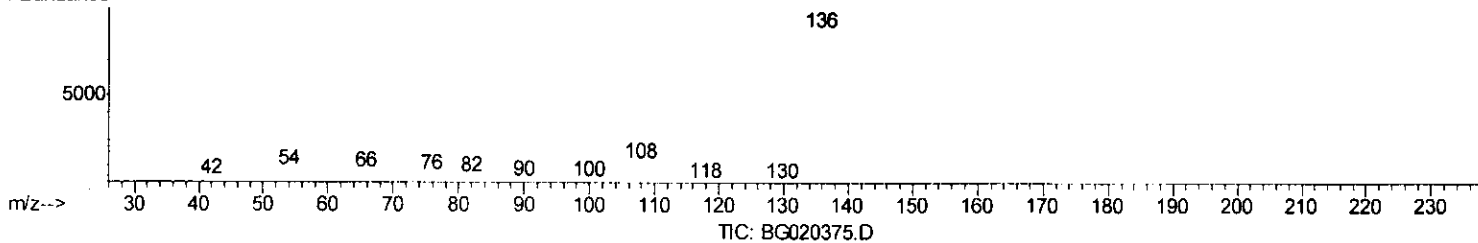
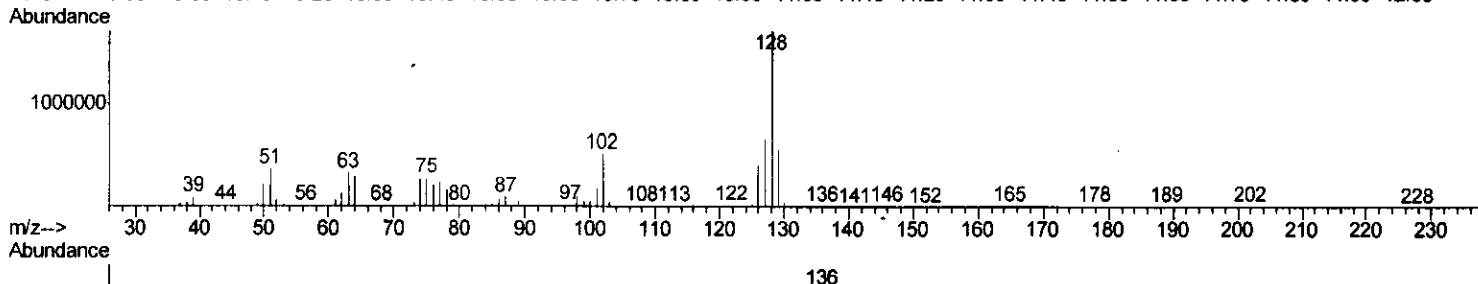
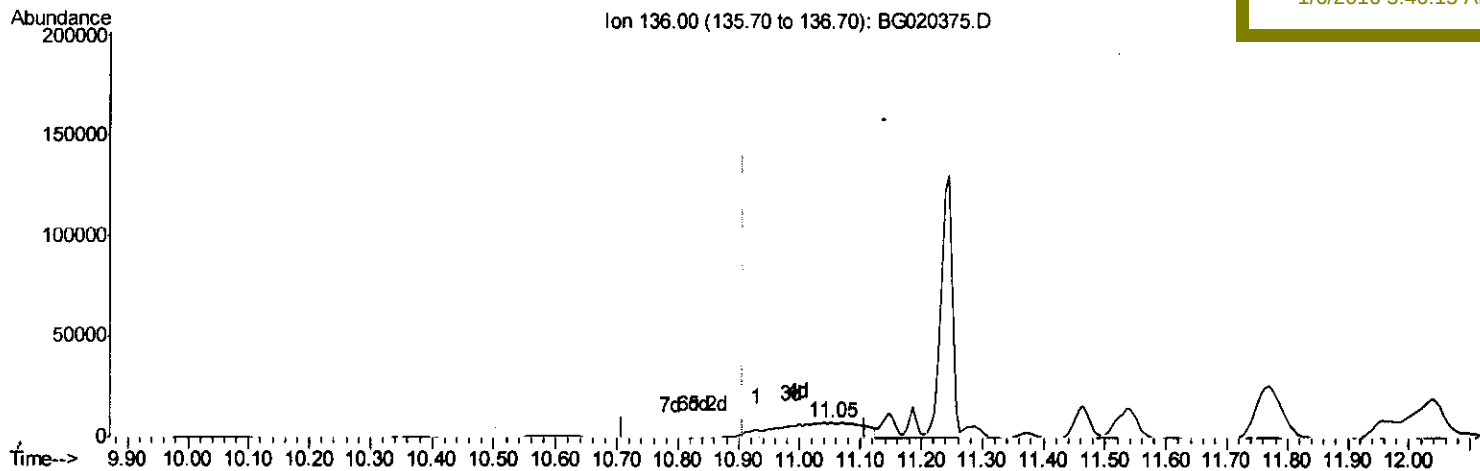
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(18) Naphthalene-d8 (I)

11.052min (+0.144) 20.00ng/ul m UM
 response 77503 12/23/15

Ion	Exp%	Act%
136.00	100	100
68.00	5.80	10.92#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

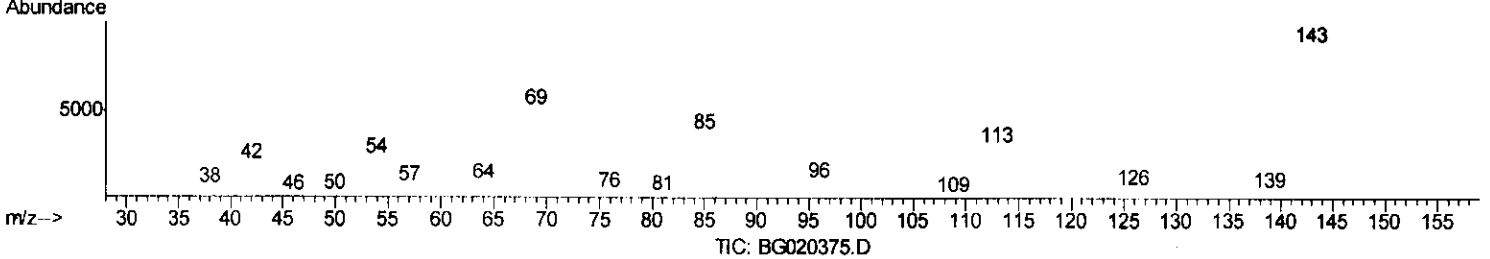
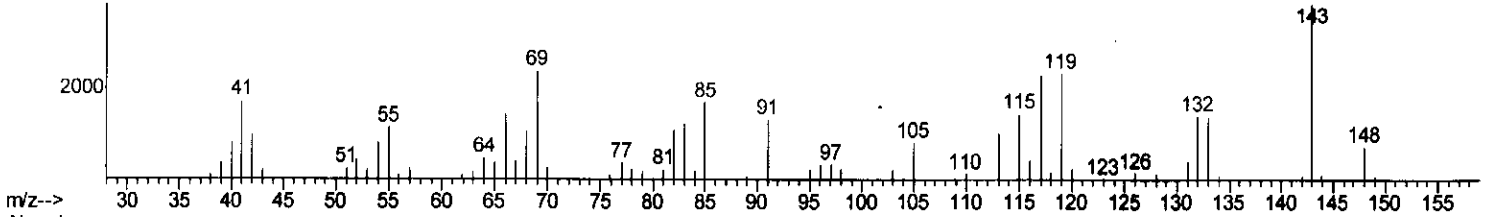
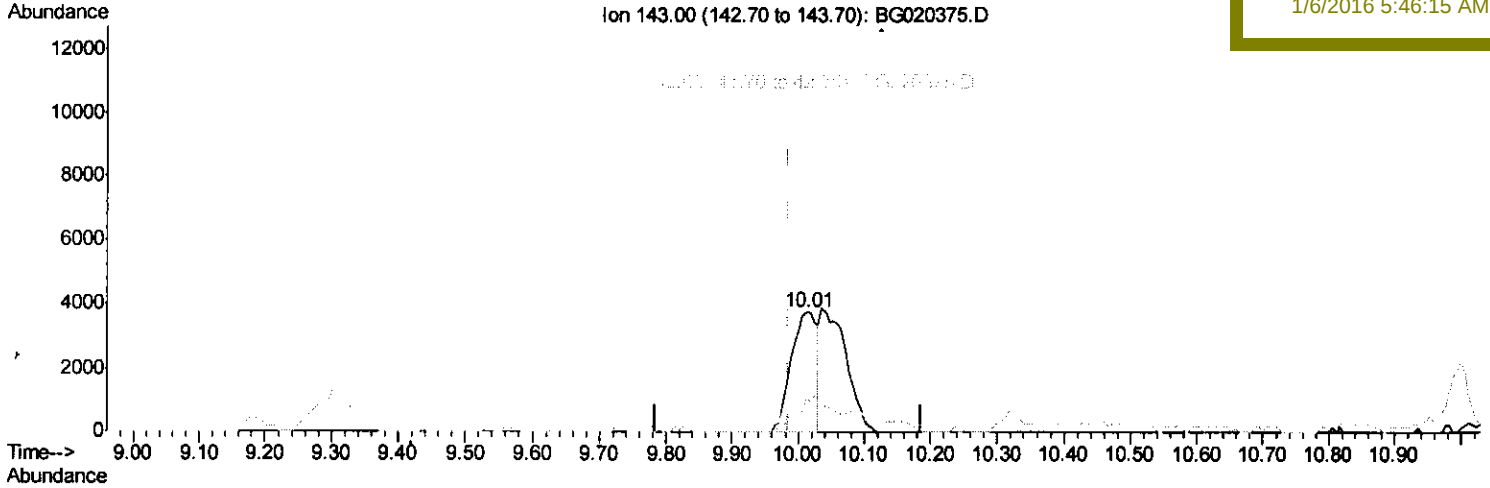
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(22) 2-Nitrophenol-d4 (S)

10.012min (+0.027) 15.44ng/ul

response 10377

Ion	Exp%	Act%
143.00	100	100
69.00	58.10	62.91
41.00	21.10	46.18#
42.00	22.60	28.24#

Quantitation Report (Qedit)

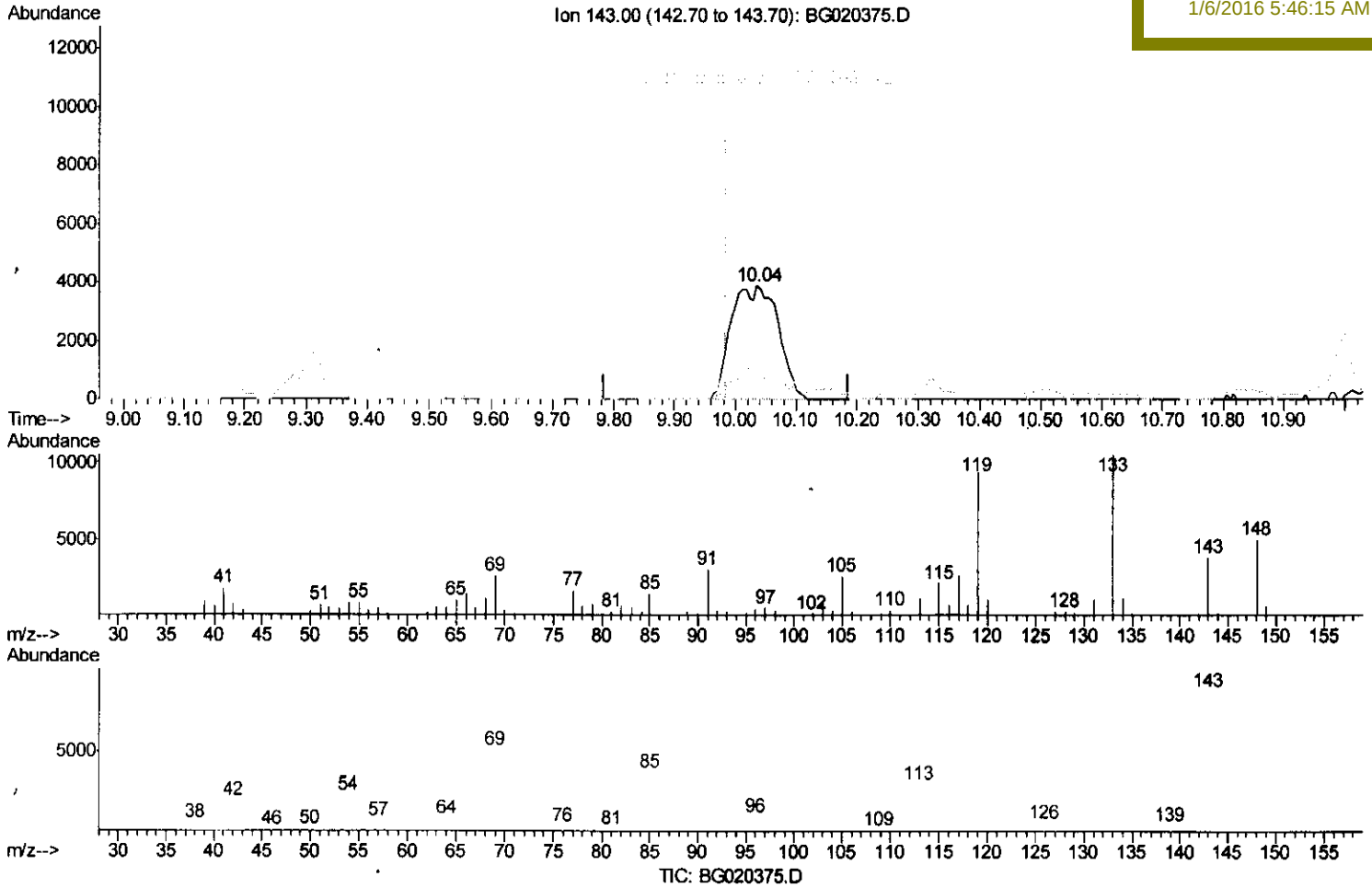
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 Misc :
 ALS Vial : 40 Sample Multiplier: 1

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Manual Integrations
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(22) 2-Nitrophenol-d4 (S)

10.036min (+0.050) 31.06ng/ul m U.M

response 20880

Ion	Exp%	Act%
143.00	100	100
69.00	58.10	68.87
41.00	21.10	48.04#
42.00	22.60	22.04

12/23/15

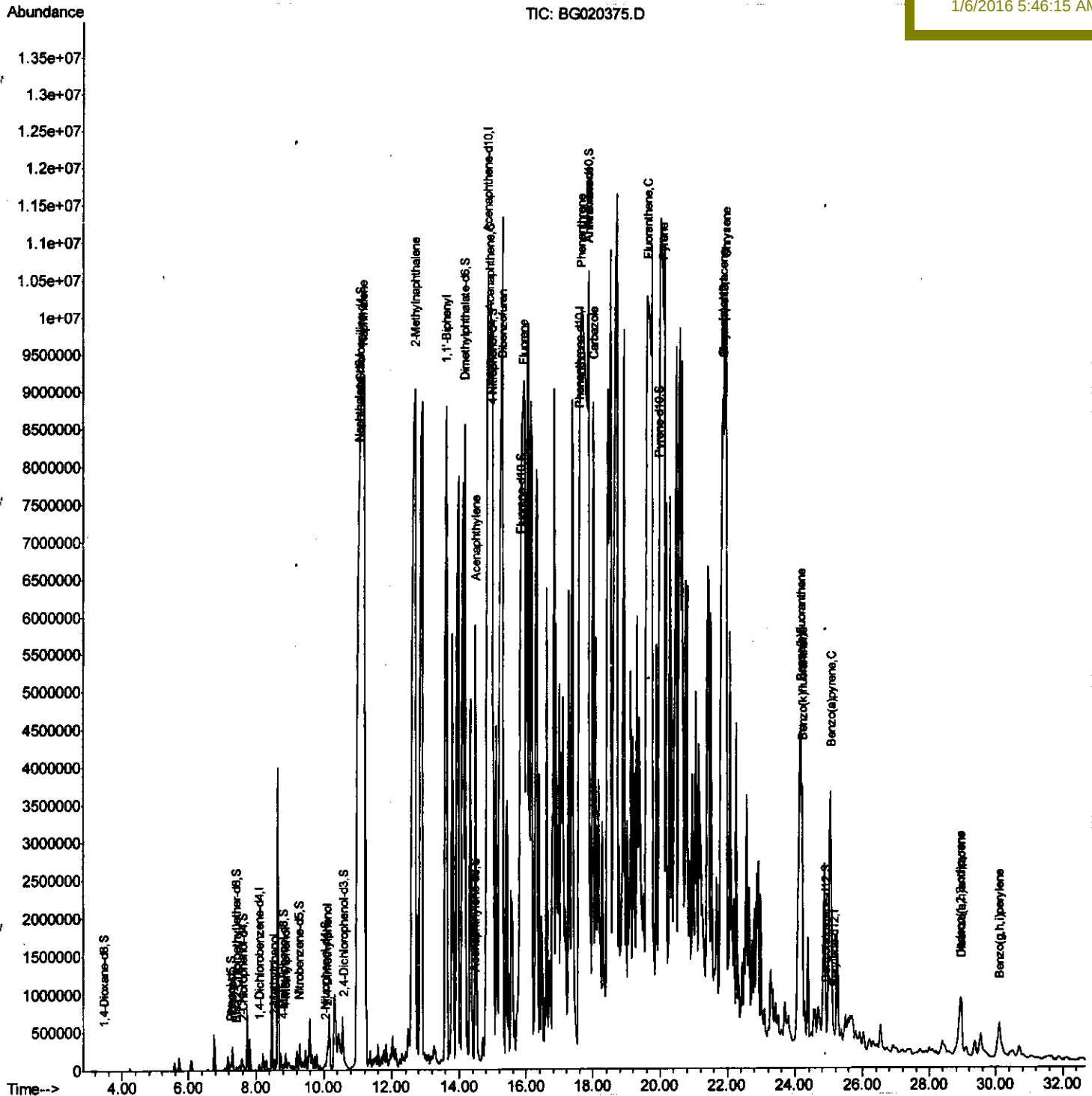
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ClientSampled :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Benzo(g,h,i)perylene	30.12	276	1357127m-2	137.61	ng/ul	

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

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BNA_G
ClientSampleId :
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Manual Integrations
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12/23/15

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	25190	20.00	ng/ul	0.00
18) Naphthalene-d8	11.05	136	77503m	20.00	ng/ul	0.14
36) Acenaphthene-d10	14.87	164	171163m	20.00	ng/ul	0.14
62) Phenanthrene-d10	17.60	188	89627m	20.00	ng/ul	0.13
78) Chrysene-d12	21.90	240	199817m	20.00	ng/ul	0.15
86) Perylene-d12	25.16	264	177059m	20.00	ng/ul	0.14

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	1109	2.43	ng/uL	0.00
5) Phenol-d5	7.26	99	41991	18.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	27599	20.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	34465	21.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.81	113	36234	19.07	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	25181	41.68	ng/ul	0.03
22) 2-Nitrophenol-d4	10.04	143	20880m	31.06	ng/ul	0.05
26) 2,4-Dichlorophenol-d3	10.59	165	37785m	27.75	ng/ul	0.06
29) 4-Chloroaniline-d4	11.08	131	35014m	22.89	ng/ul	0.03
44) Dimethylphthalate-d6	14.18	166	37837m	2.73	ng/ul	0.05
47) Acenaphthylene-d8	14.47	160	144514	8.97	ng/ul	0.04
52) 4-Nitrophenol-d4	15.01	143	26854m	10.81	ng/ul	0.07
58) Fluorene-d10	15.83	176	122943m	9.79	ng/ul	0.12
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.86	188	78525m	19.01	ng/ul	0.29
79) Pyrene-d10	19.98	212	156795m	16.84	ng/ul	0.13
90) Benzo(a)pyrene-d12	24.93	264	220725m	24.99	ng/ul	0.14

Target Compounds

					Qvalue	
6) Phenol	7.29	94	18672	7.85	ng/ul	89
11) 2-Methylphenol	8.55	108	47489	26.17	ng/ul	96
16) 4-Methylphenol	8.88	108	103413	51.49	ng/ul	99
24) 2,4-Dimethylphenol	10.12	107	220557	134.74	ng/ul	97
28) Naphthalene	11.16	128	25428004m	6282.65	ng/ul	
34) 2-Methylnaphthalene	12.70	142	13673587m	4422.94	ng/ul	
41) 1,1'-Biphenyl	13.64	154	6477896	501.65	ng/ul#	53
48) Acenaphthylene	14.51	152	2505358m	146.40	ng/ul	
50) Acenaphthene	14.91	153	17714524m	1538.51	ng/ul	
54) Dibenzofuran	15.30	168	13992206m	816.91	ng/ul	
59) Fluorene	15.91	166	16069932m	1168.34	ng/ul	
70) Phenanthrene	17.65	178	30204287m	6161.06	ng/ul	
72) Anthracene	17.86	178	3484866m	700.85	ng/ul	
75) Carbazole	18.03	167	5570601m	1333.31	ng/ul	
77) Fluoranthene	19.65	202	21303065m	3718.10	ng/ul	
80) Pyrene	20.11	202	16612569m	1373.66	ng/ul	
83) Benzo(a)anthracene	21.87	228	11078444m	950.19	ng/ul	
85) Chrysene	21.97	228	6952517m	633.16	ng/ul	
88) Benzo(b)fluoranthene	24.17	252	9244986m	867.51	ng/ul	
89) Benzo(k)fluoranthene	24.22	252	1870933m	182.95	ng/ul	
91) Benzo(a)pyrene	25.07	252	5453289m	539.83	ng/ul	
92) Indeno(1,2,3-cd)pyrene	28.94	276	1851654m	153.92	ng/ul	
93) Dibenzo(a,h)anthracene	28.98	278	582646m	58.35	ng/ul	

UM
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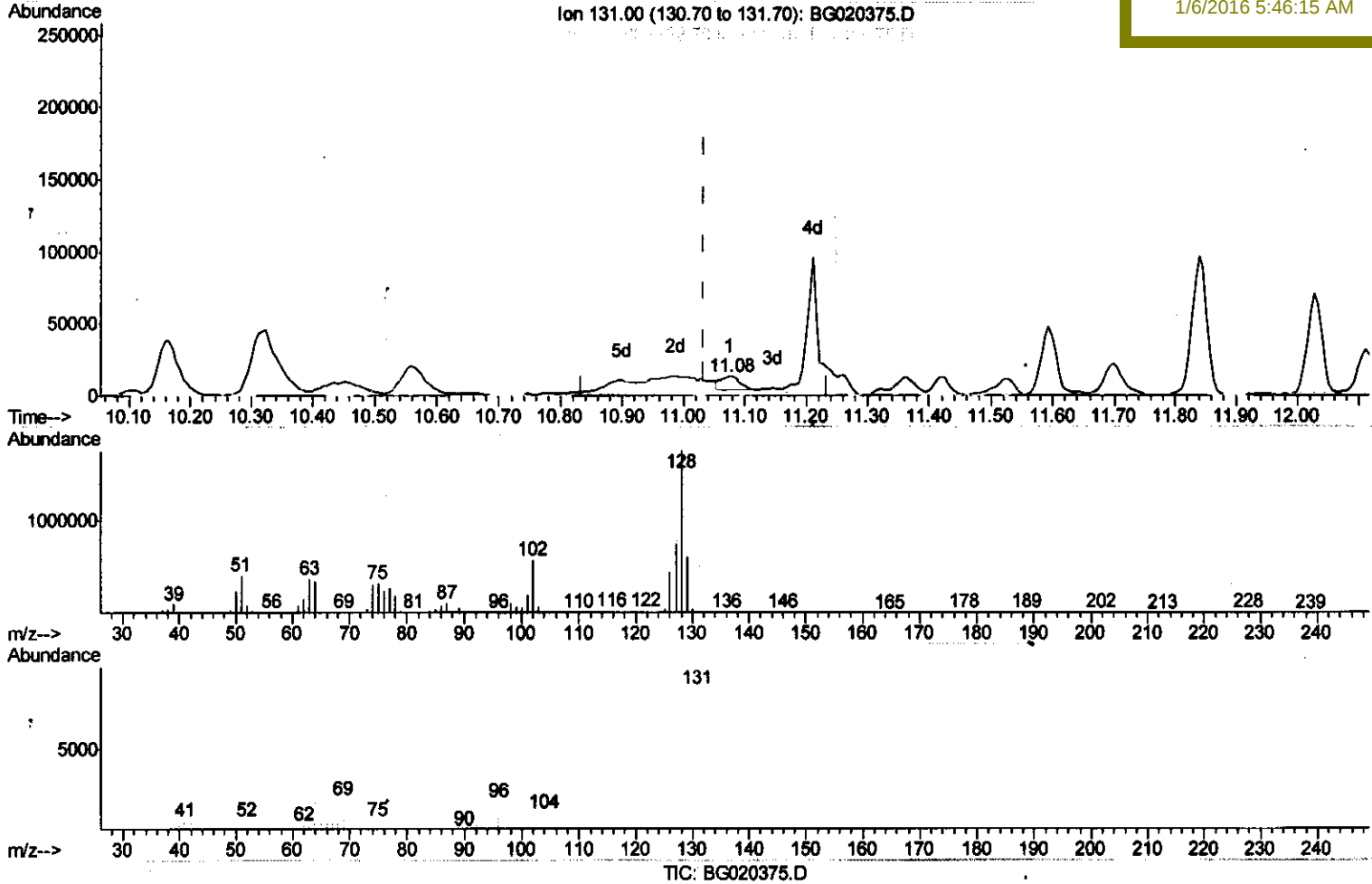
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 1/6/2016 5:46:15 AM



(29) 4-Chloroaniline-d4 (S)

11.076min (+0.042) 13.43ng/ul

response 20375

Ion	Exp%	Act%
131.00	100	100
133.00	30.40	7.81#
69.00	17.80	3.67#
0.00	0.00	0.00

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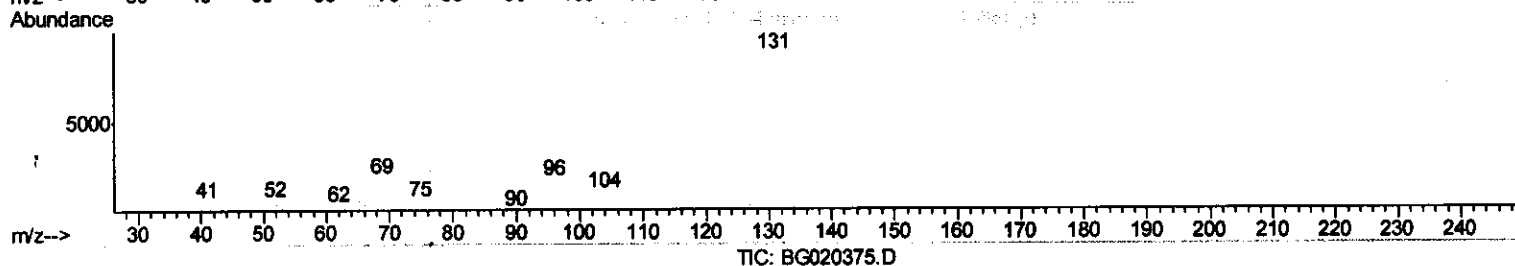
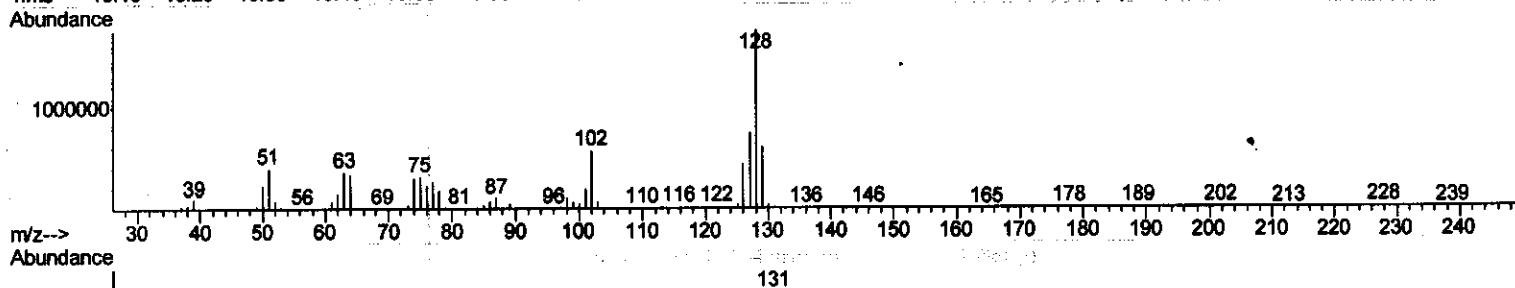
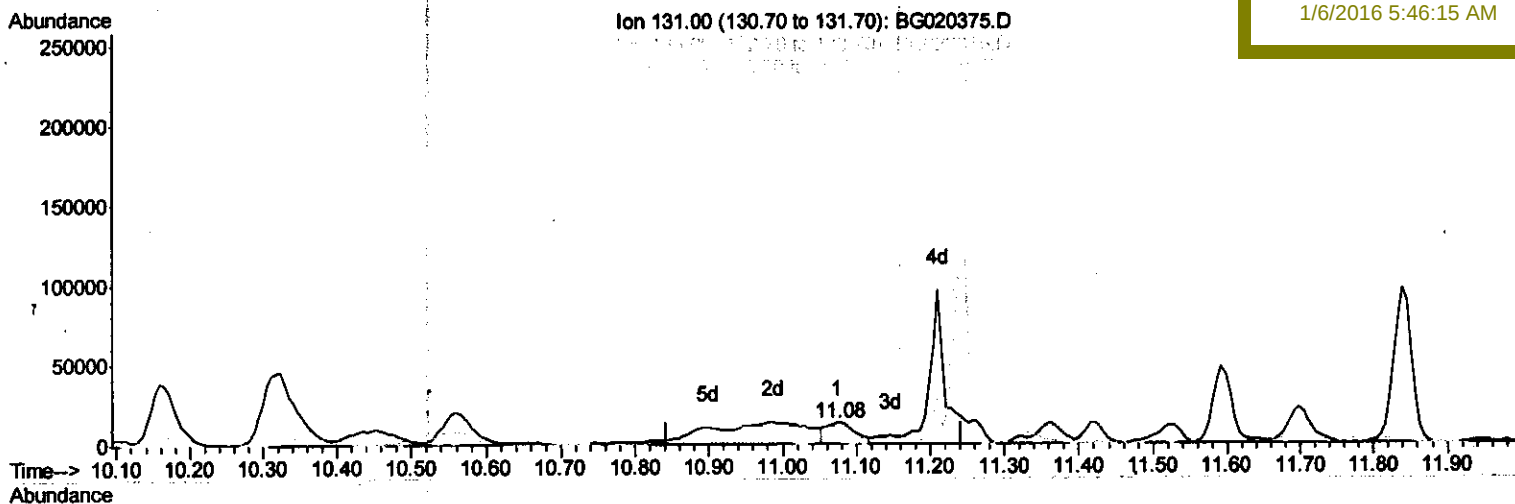
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Manual Integrations
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Sohil
 1/6/2016 5:46:15 AM



(29) 4-Chloroaniline-d4 (S)

11.076min (+0.032) 22.89ng/ul m

response 35014

Ion	Exp%	Act%
131.00	100	100
133.00	30.40	7.81#
69.00	17.80	3.67#
0.00	0.00	0.00

U.21
 12/23/15

Quantitation Report (Qedit)

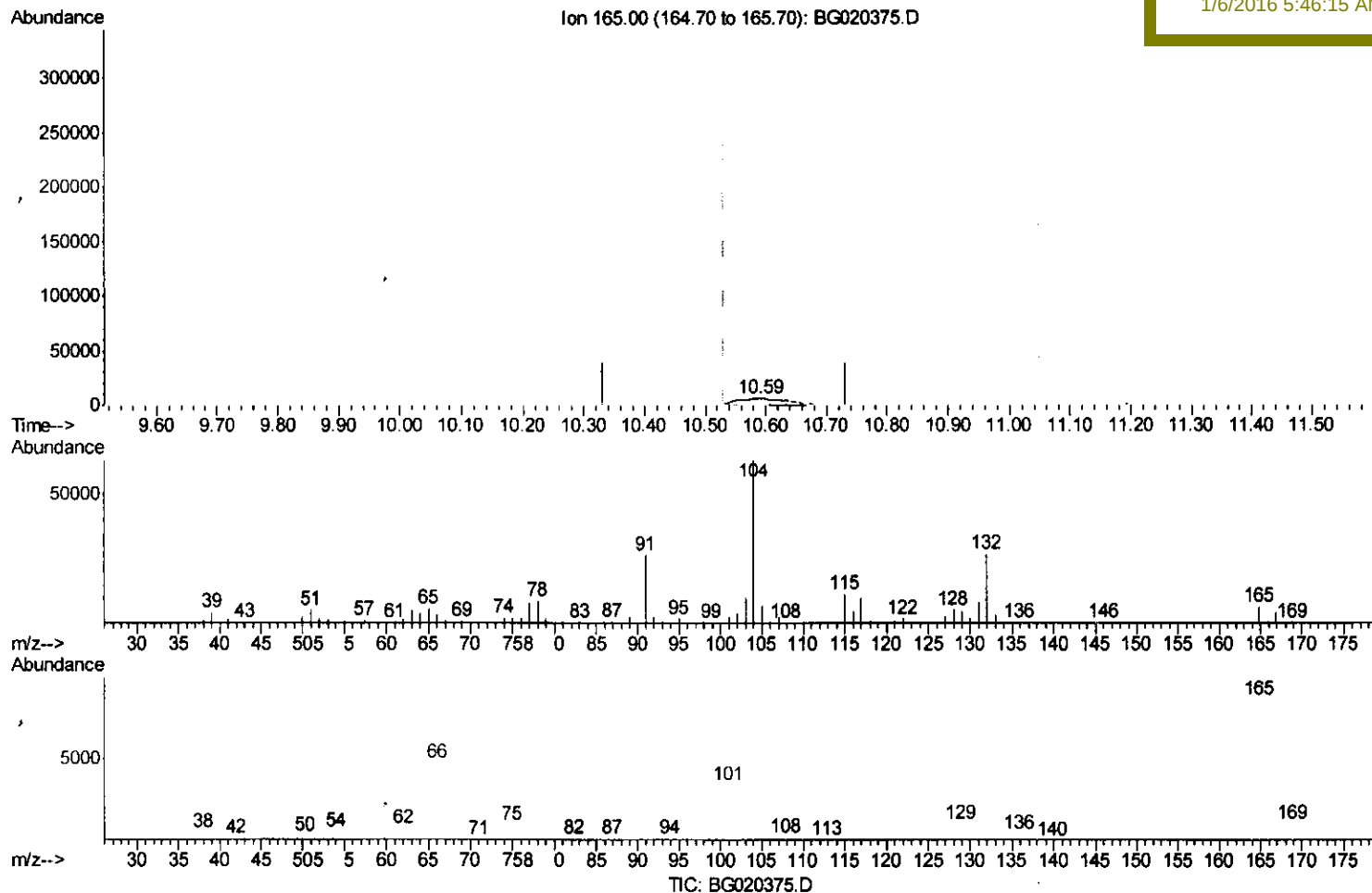
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(26) 2,4-Dichlorophenol-d3 (S)

10.588min (+0.056) 17.23ng/ul

response 23469

Ion	Exp%	Act%
165.00	100	100
167.00	66.30	63.95
101.00	34.70	35.44
0.00	0.00	0.00

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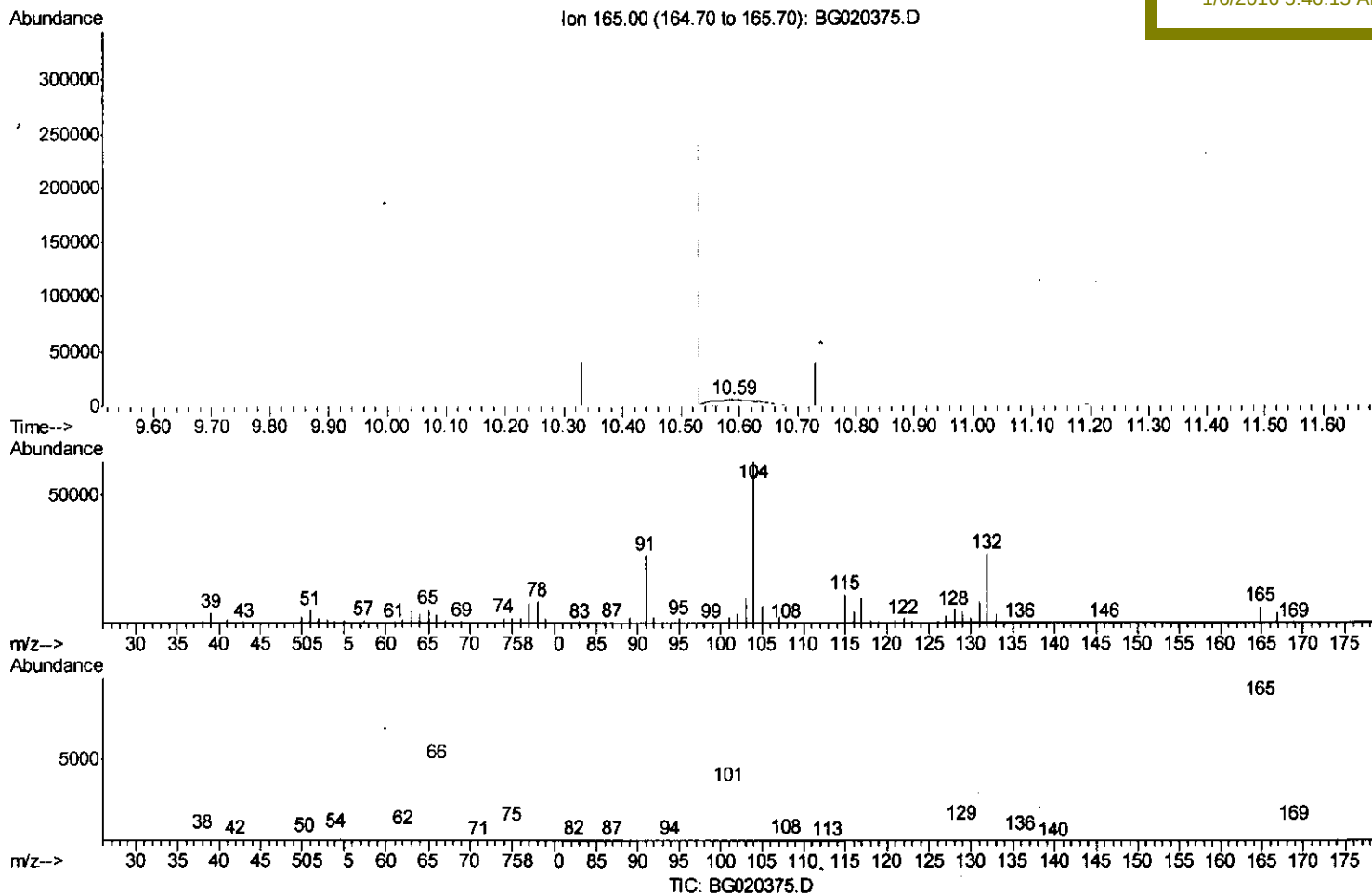
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Sohil
 1/6/2016 5:46:15 AM



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

10.588min (+0.056) 27.75ng/ul m U.M
 response 37785 12/23/15

Ion	Exp%	Act%
165.00	100	100
167.00	66.30	63.95
101.00	34.70	35.44
0.00	0.00	0.00

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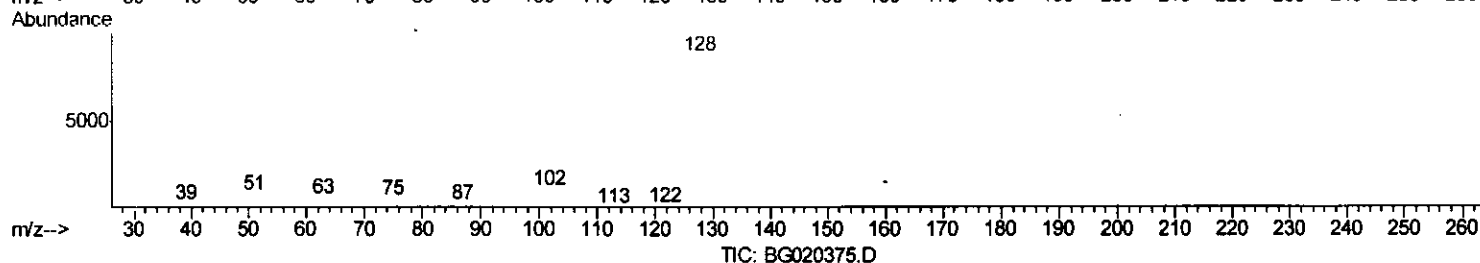
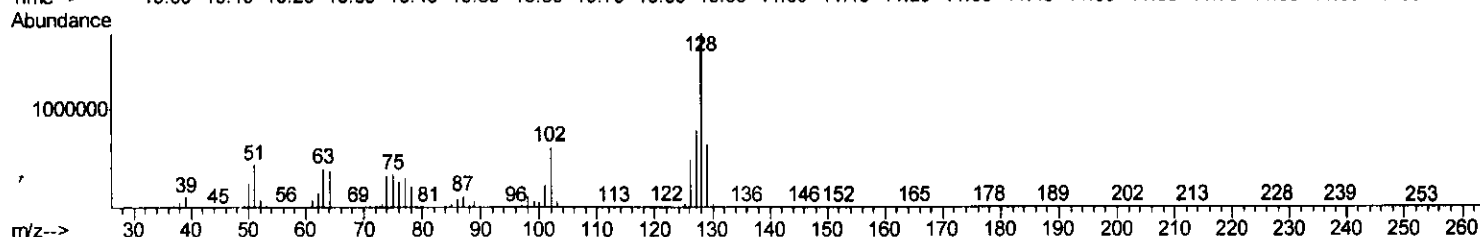
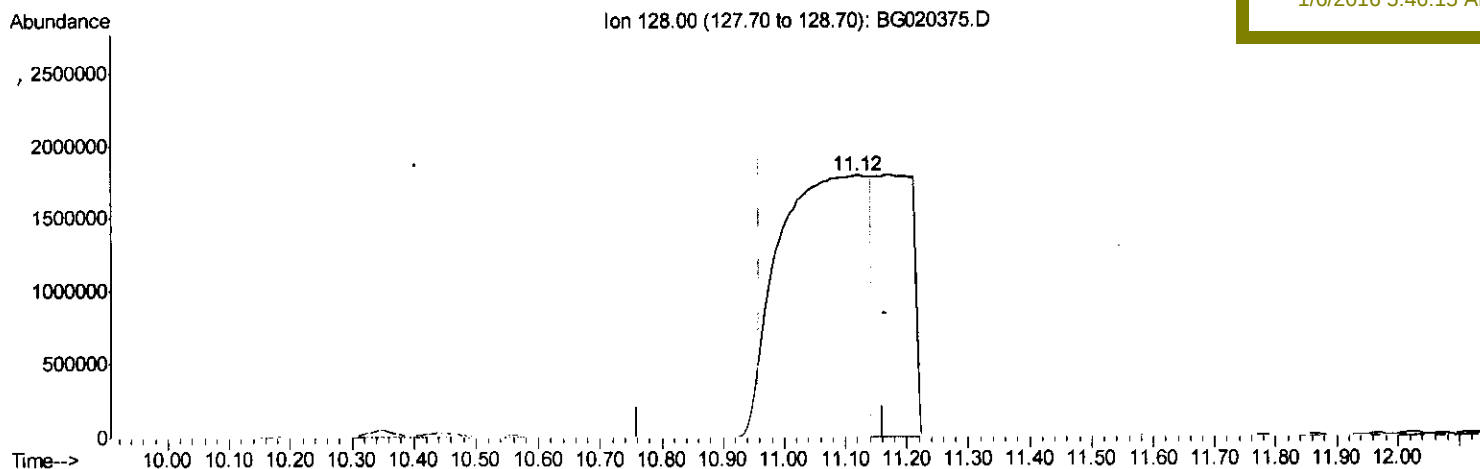
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Sohil
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(28) Naphthalene

11.117min (+0.156) 4347.61ng/ul

response 17596237

Ion	Exp%	Act%
128.00	100	100
129.00	10.70	35.63#
127.00	12.60	44.02#
0.00	0.00	0.00

Quantitation Report (Qedit)

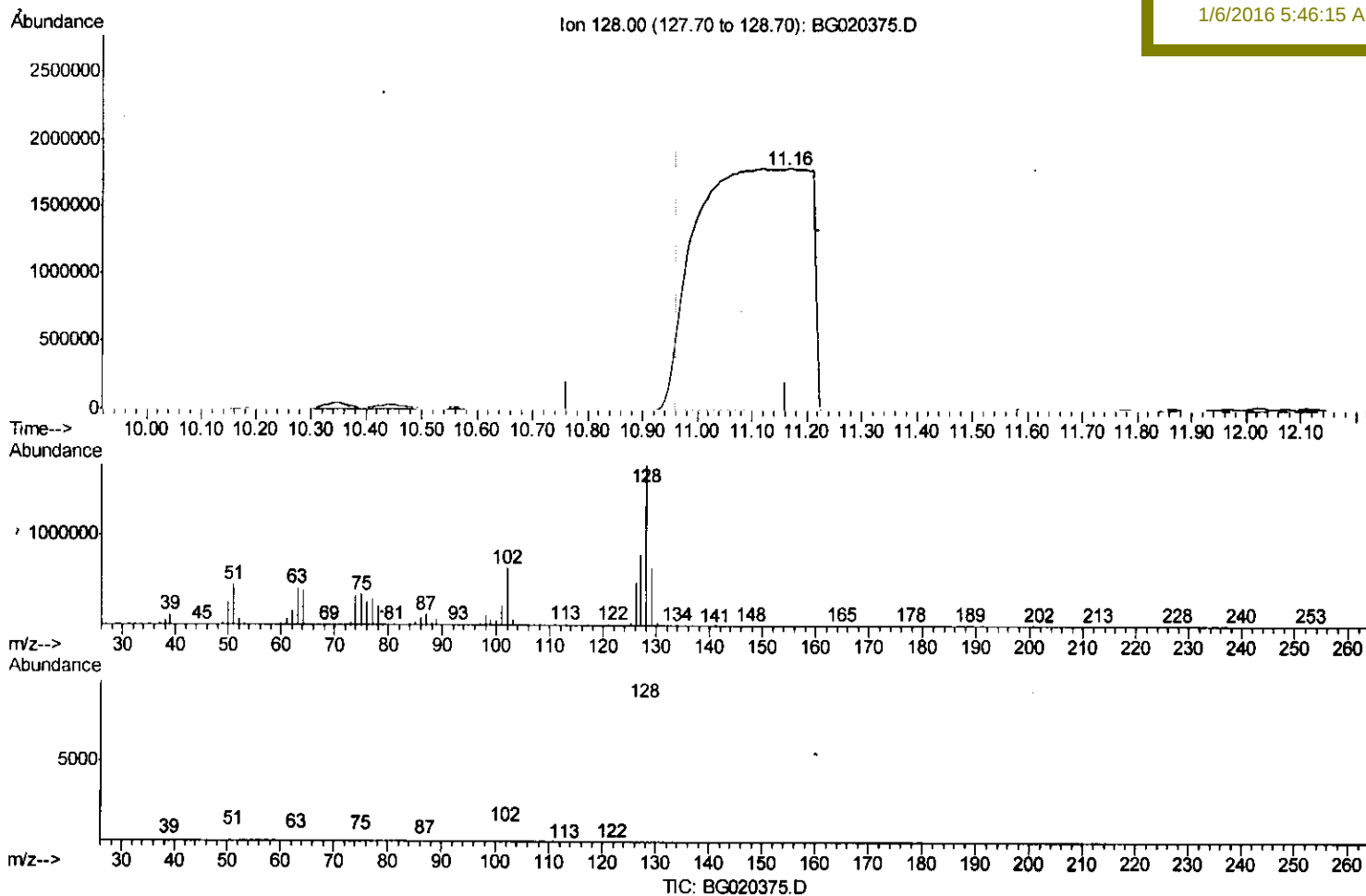
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Sohil
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(28) Naphthalene

11.164min (+0.203) 6282.65ng/ul m U, M

response 25428004

12/23/15

Ion	Exp%	Act%
128.00	100	100
129.00	10.70	35.47#
127.00	12.60	44.32#
0.00	0.00	0.00

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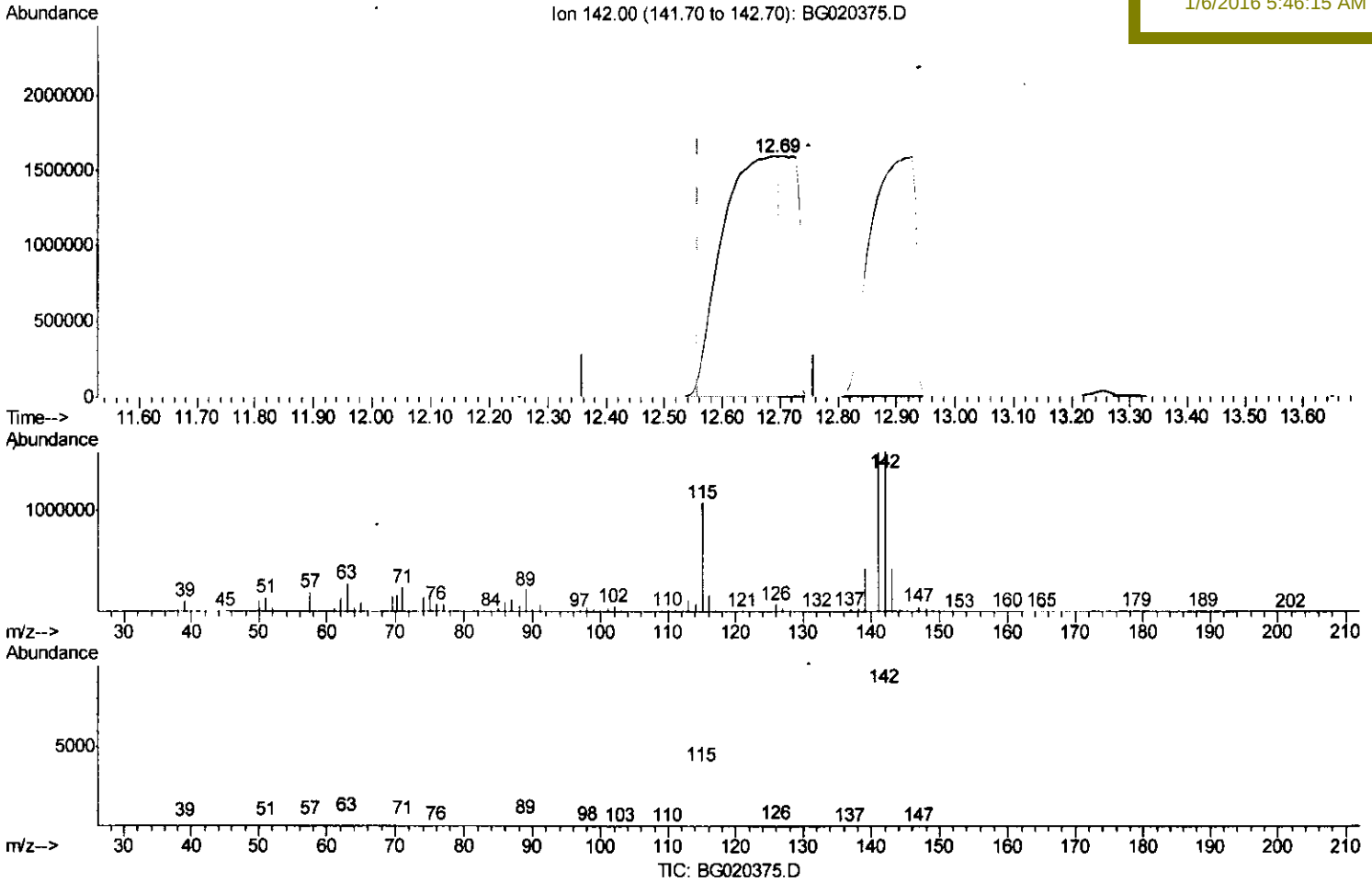
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 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Quant Time: Dec 22 03:45:57 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
Client Sampled :
 D9N51

Manual Integrations
APPROVED

Sohil
 1/6/2016 5:46:15 AM



(34) 2-Methylnaphthalene

12.691min (+0.132) 3363.33ng/ul

response 10397797

Ion	Exp%	Act%
142.00	100	100
141.00	93.60	99.29
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

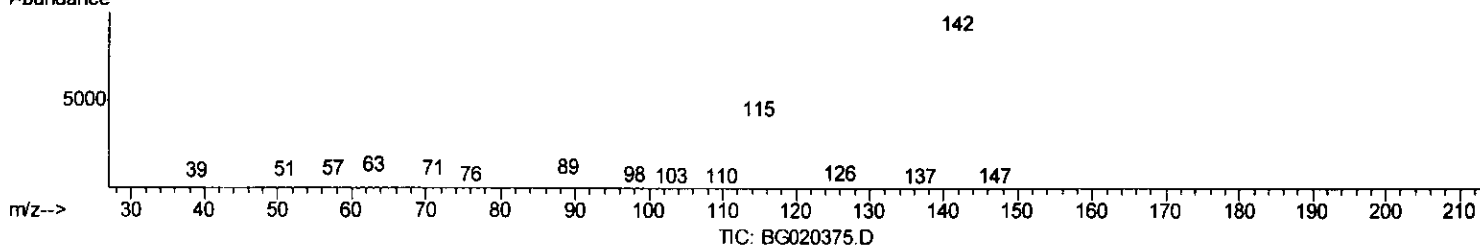
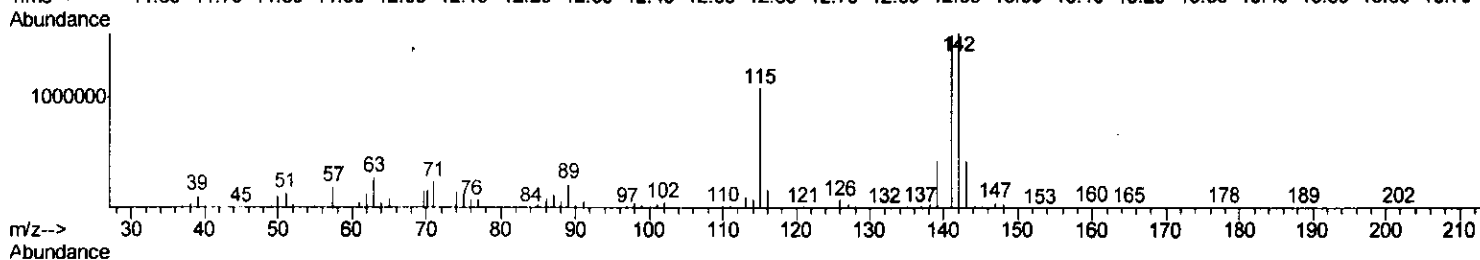
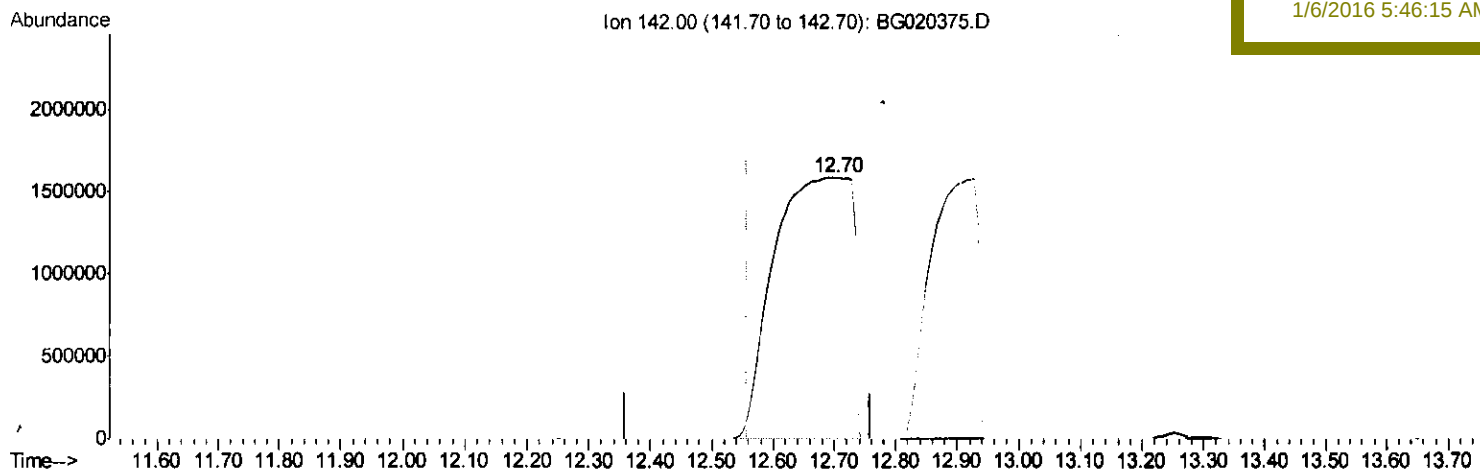
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122015\
 Data File : BG020375.D
 Acq On : 21 Dec 2015 12:14
 Operator : UM/SJ
 Sample : G4848-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N51

Manual Integrations
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Quant Time: Dec 22 03:45:57 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



(34) 2-Methylnaphthalene

12.703min (+0.144) 4422.94ng/ul m U.M

response 13673587

12/23/15

Ion	Exp%	Act%
142.00	100	100
141.00	93.60	98.87
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

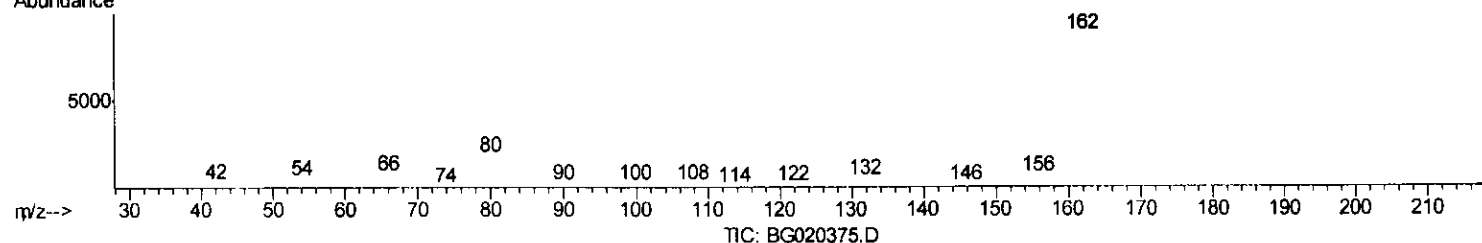
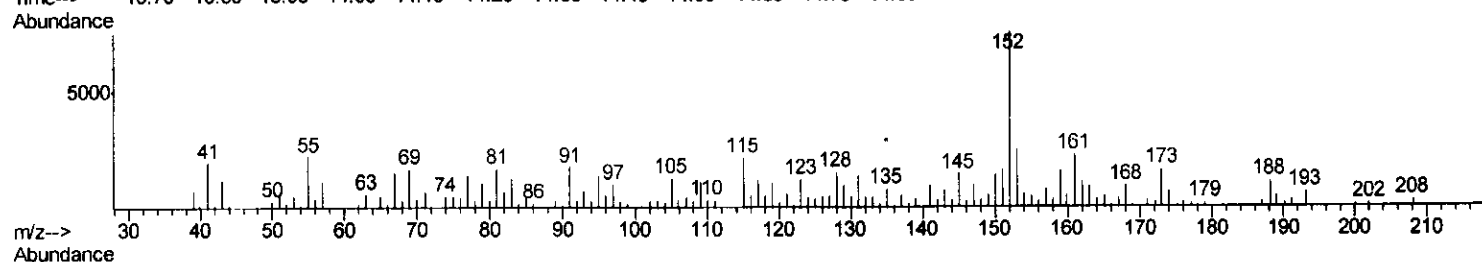
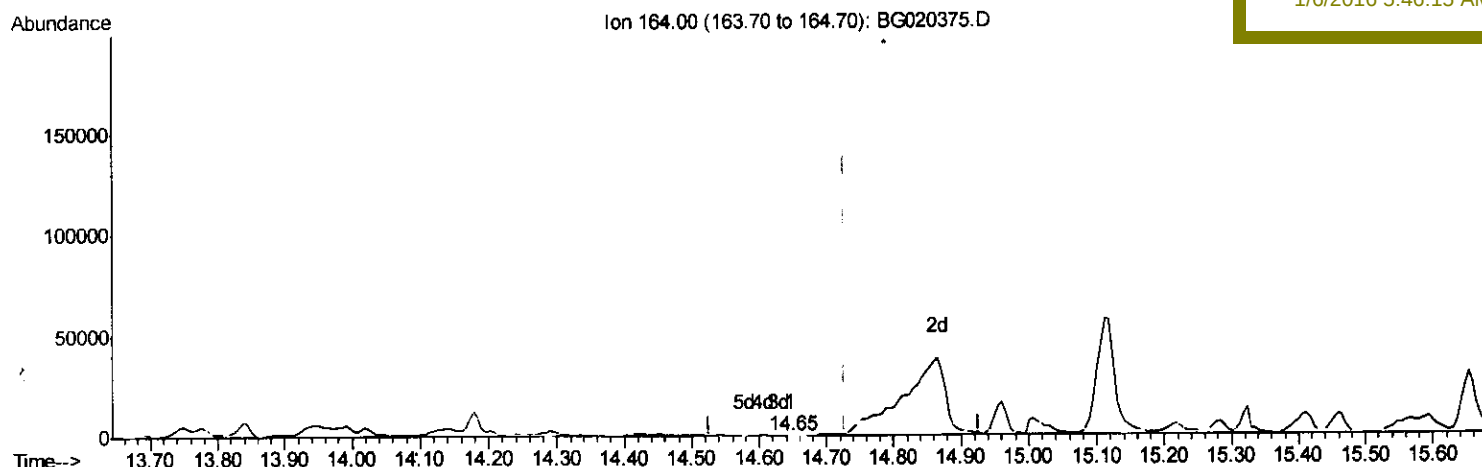
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122015\
 Data File : BG020375.D
 Acq On : 21 Dec 2015 12:14
 Operator : UM/SJ
 Sample : G4848-05
 Misc :
 , ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N51

Manual Integrations
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Sohil
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Quant Time: Dec 22 03:45:57 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



(36) Acenaphthene-d10 (I)

14.648min (-0.079) 20.00ng/ul

response 212

Ion	Exp%	Act%
164.00	100	100
162.00	102.70	230.31#
160.00	45.00	122.97#
0.00	0.00	0.00

Quantitation Report (Qedit)

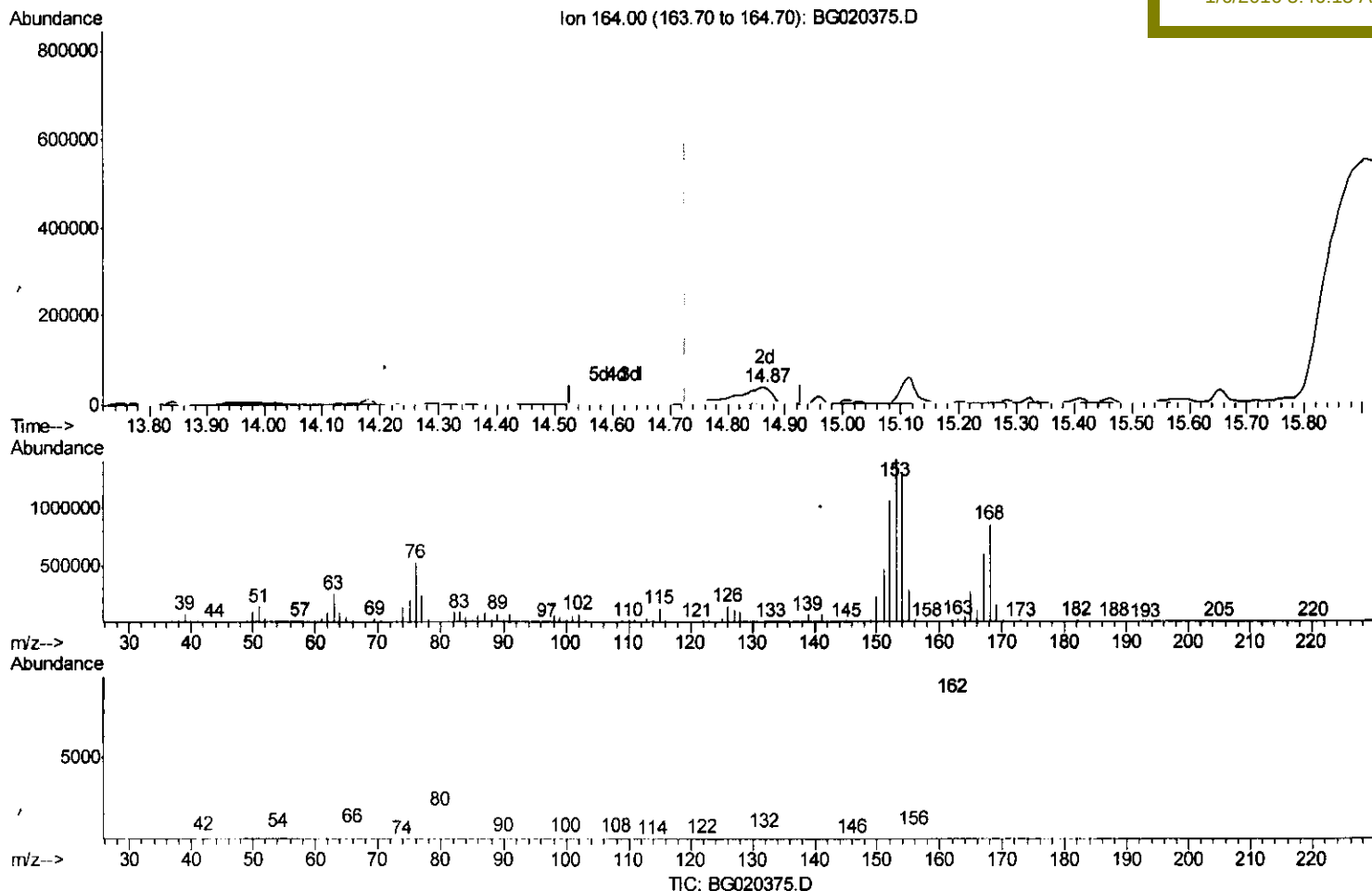
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122015\
 Data File : BG020375.D
 Acq On : 21 Dec 2015 12:14
 Operator : UM/SJ
 Sample : G4848-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N51

Quant Time: Dec 22 03:45:57 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

Manual Integrations
 APPROVED

Sohil
 1/6/2016 5:46:15 AM



(36) Acenaphthene-d10 (I)

14.865min (+0.138) 20.00ng/ul m

response 171163

Ion	Exp%	Act%
164.00	100	100
162.00	102.70	20.51#
160.00	45.00	7.94#
0.00	0.00	0.00

U.M
 12/23/15

Quantitation Report (Qedit)

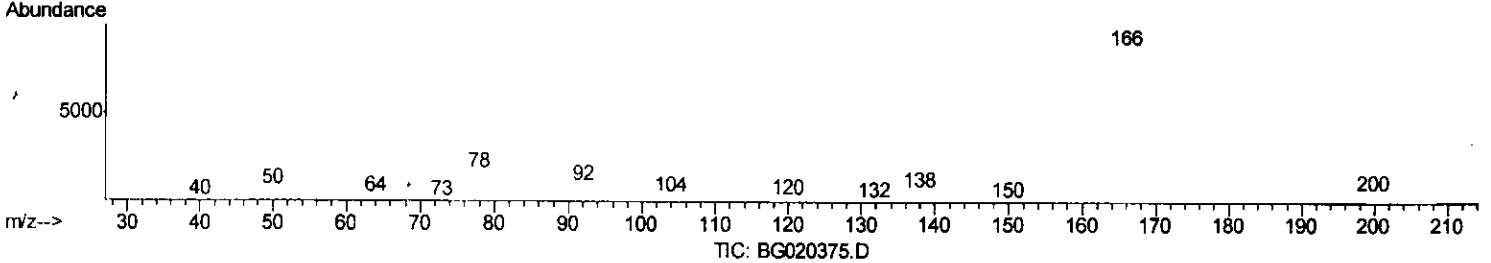
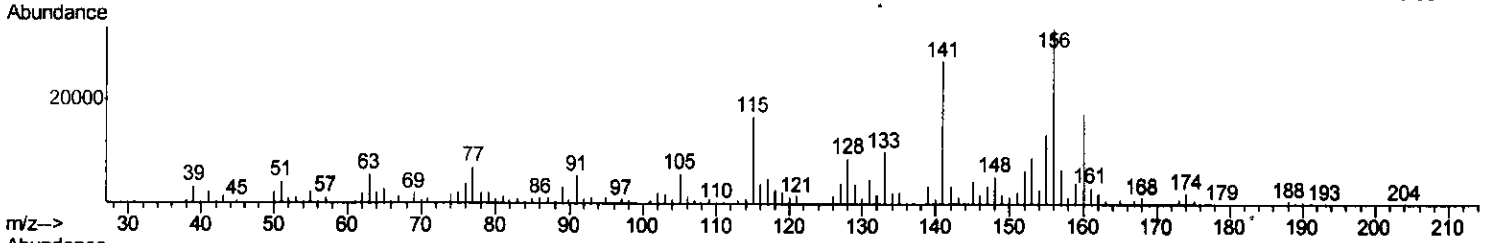
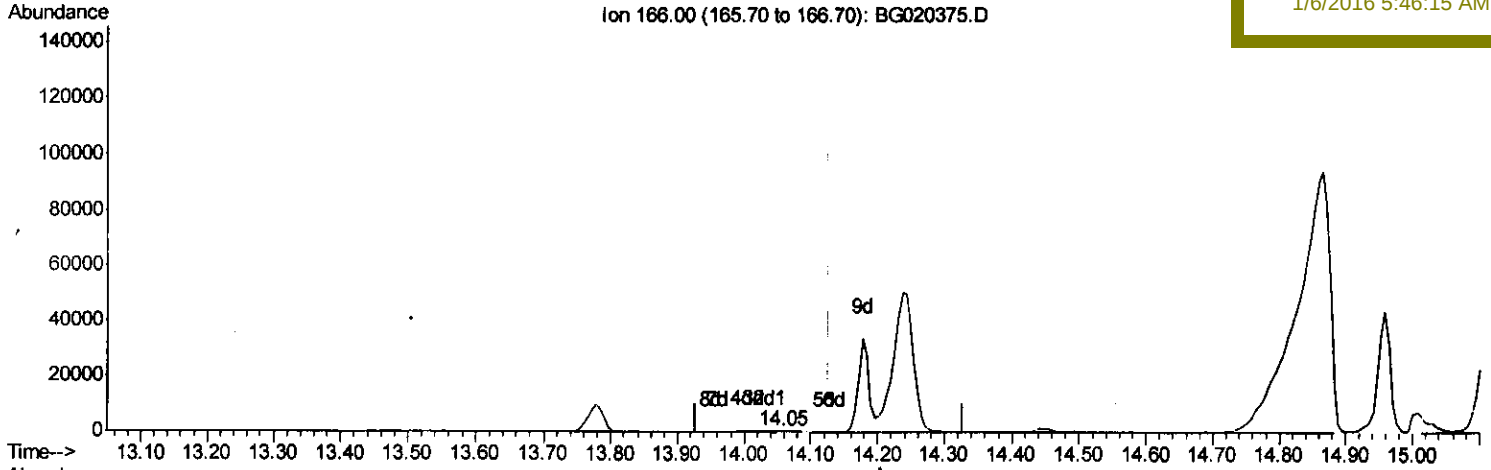
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122015\
 Data File : BG020375.D
 Acq On : 21 Dec 2015 12:14
 Operator : UM/SJ
 Sample : G4848-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Quant Time: Dec 22 03:48:29 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 :
 D9N51

Manual Integrations
APPROVED

Sohil
 1/6/2016 5:46:15 AM



(44) Dimethylphthalate-d6 (S)

14.054min (-0.073) 0.07ng/ul

response 931

Ion	Exp%	Act%
166.00	100	100
78.00	16.40	477.37#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

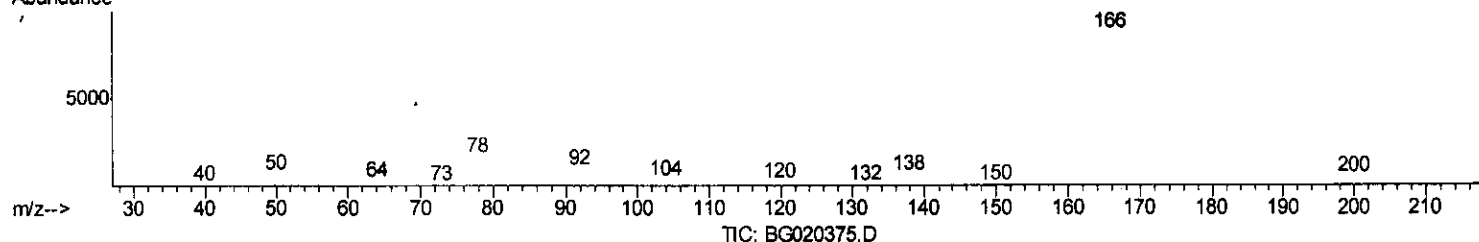
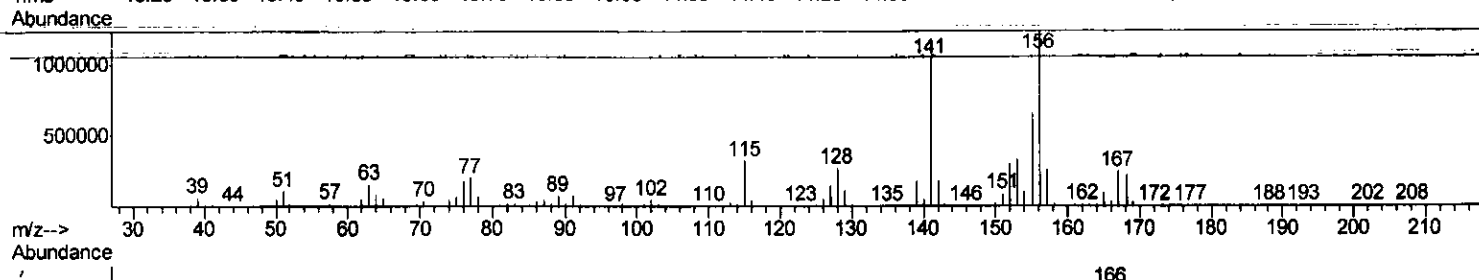
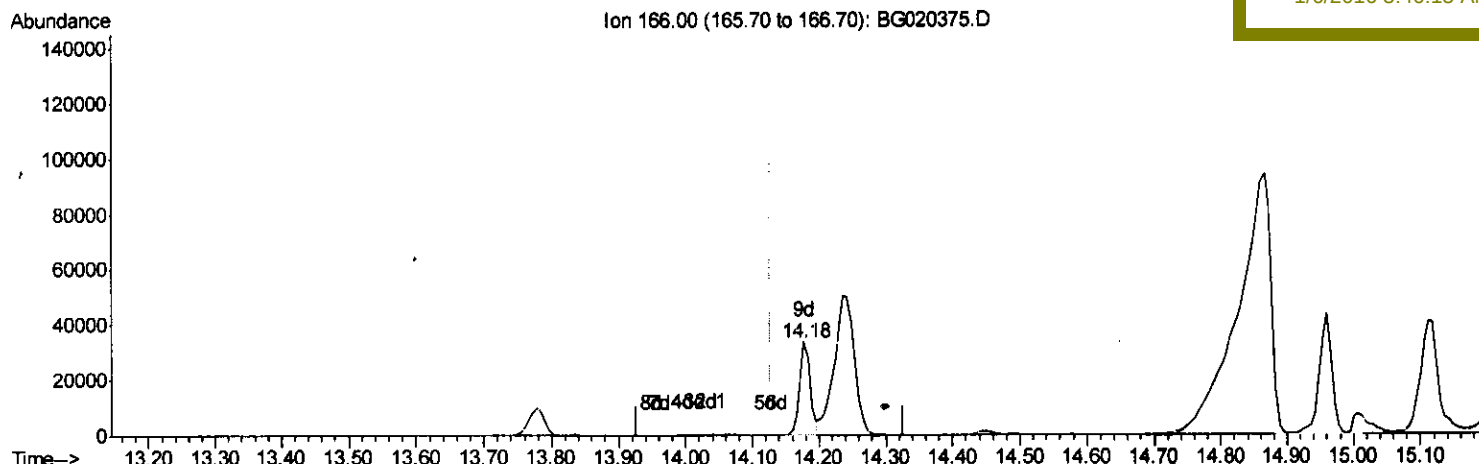
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122015\
 Data File : BG020375.D
 Acq On : 21 Dec 2015, 12:14
 Operator : UM/SJ
 Sample : G4848-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N51

Quant Time: Dec 22 03:48:29 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

Manual Integrations
 APPROVED

Sohil
 1/6/2016 5:46:15 AM



(44) Dimethylphthalate-d6 (S)

14.178min (+0.050) 2.73ng/ul m U.M
 response 37837 12/23/15

Ion	Exp%	Act%
166.00	100	100
78.00	16.40	207.77#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

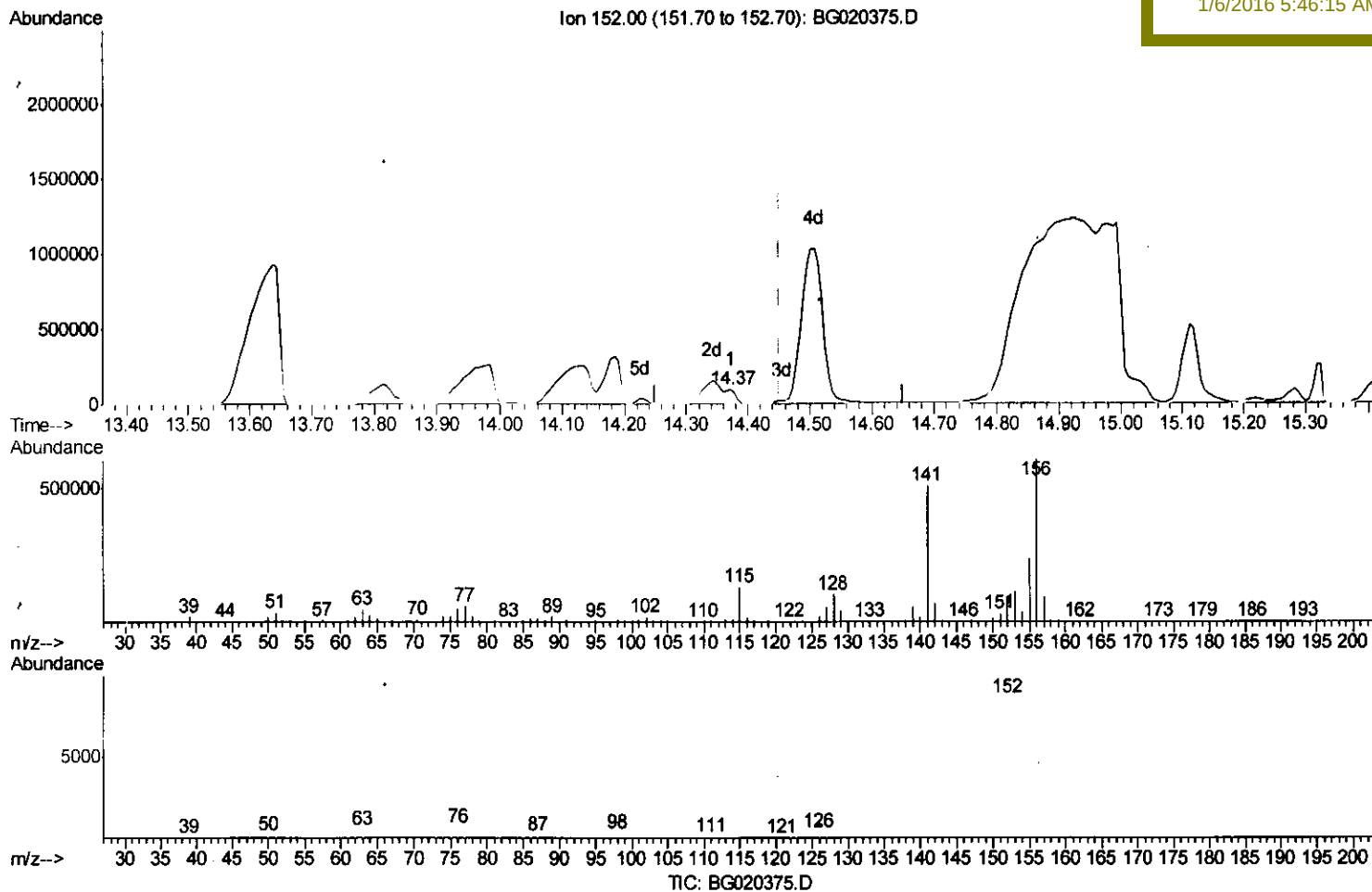
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122015\
 Data File : BG020375.D
 Acq On : 21 Dec 2015 12:14
 Operator : UM/SJ
 Sample : G4848-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N51

Quant Time: Dec 22 03:48:29 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

Manual Integrations
 APPROVED

Sohil
 1/6/2016 5:46:15 AM



(48) Acenaphthylene

14.372min (-0.079) 6.14ng/ul

response 104994

Ion	Exp%	Act%
152.00	100	100
151.00	20.50	31.97#
153.00	13.00	115.66#
0.00	0.00	0.00

Quantitation Report (Qedit)

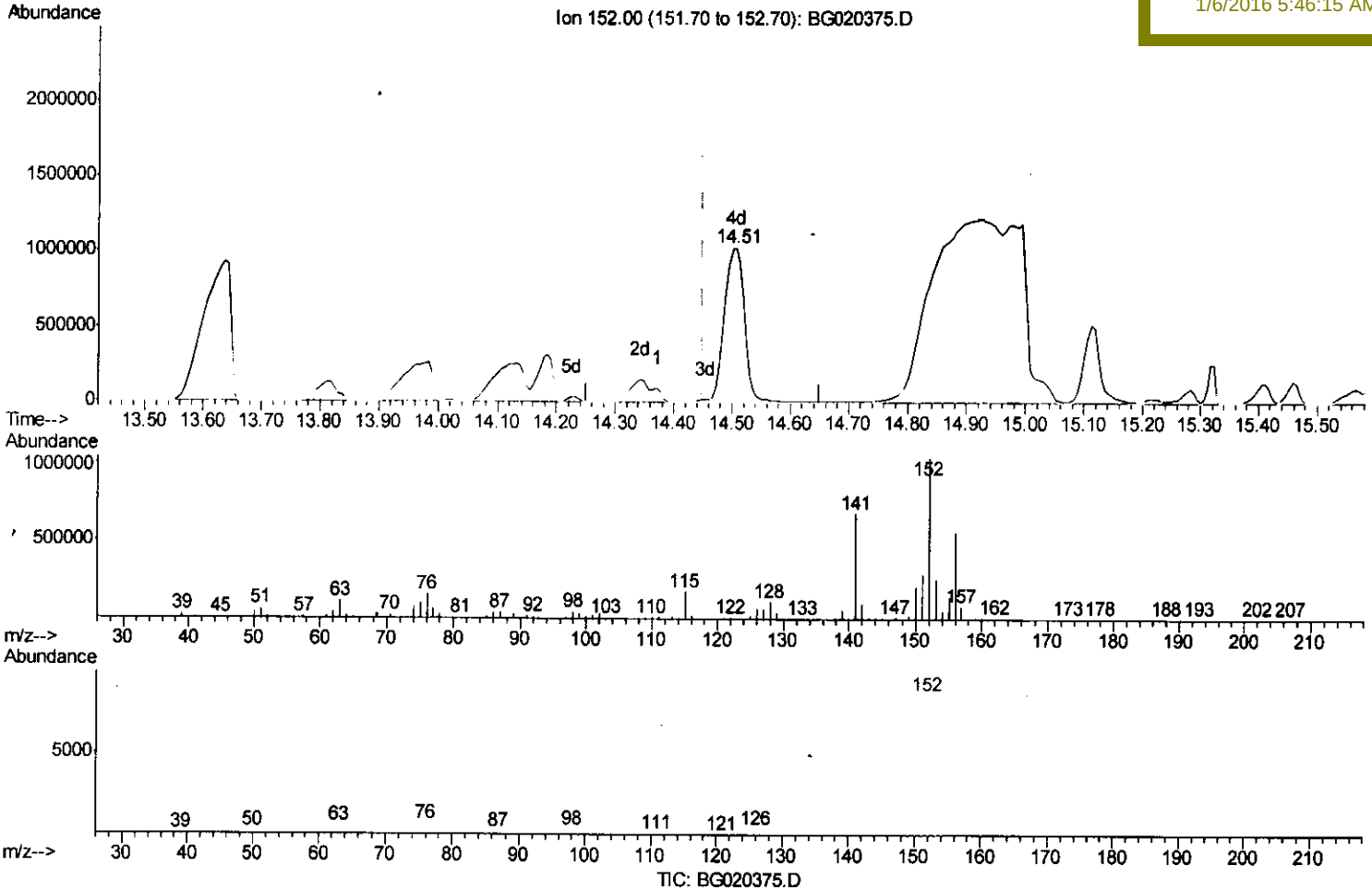
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122015\
 Data File : BG020375.D
 Acq On : 21 Dec 2015 12:14
 Operator : UM/SJ
 Sample : G4848-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Quant Time: Dec 22 03:48:29 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 :
 D9N51

Manual Integrations
 APPROVED

Sohil
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(48) Acenaphthylene

14.507min (+0.056) 146.40ng/ul m U.M

response 2505358

12/23/15

Ion	Exp%	Act%
152.00	100	100
151.00	20.50	28.22#
153.00	13.00	25.01#
0.00	0.00	0.00

Quantitation Report (Qedit)

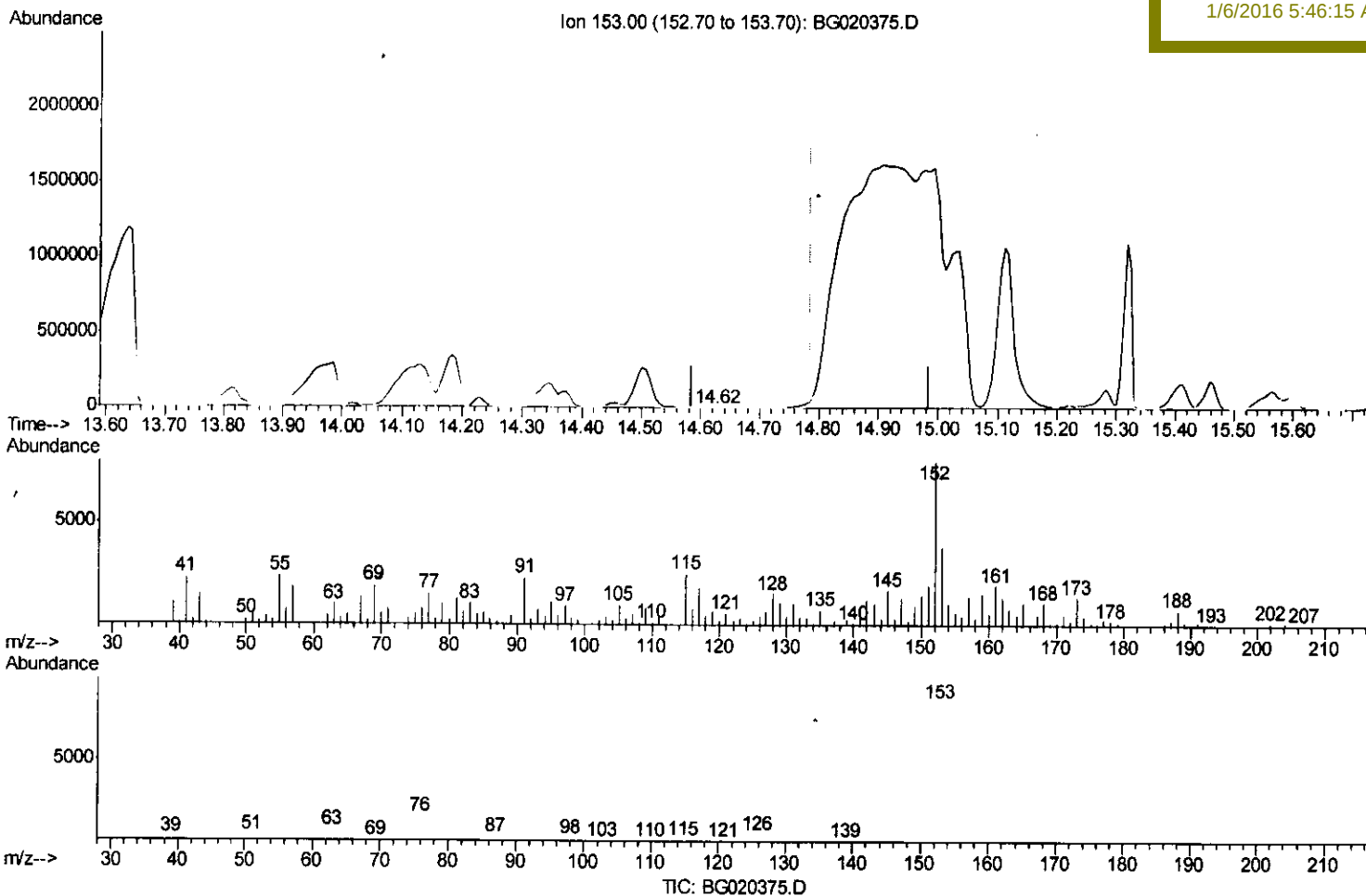
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122015\
Data File : BG020375.D
Acq On : 21 Dec 2015 12:14
Operator : UM/SJ
Sample : G4848-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N51

Manual Integrations
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Quant Time: Dec 22 03:48:29 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



(50) Acenaphthene (C)

14.624min (-0.161) 0.30ng/ul

response 3473

Ion	Exp%	Act%
153.00	100	100
152.00	47.00	207.49#
154.00	84.90	31.15#
0.00	0.00	0.00

Quantitation Report (Qedit)

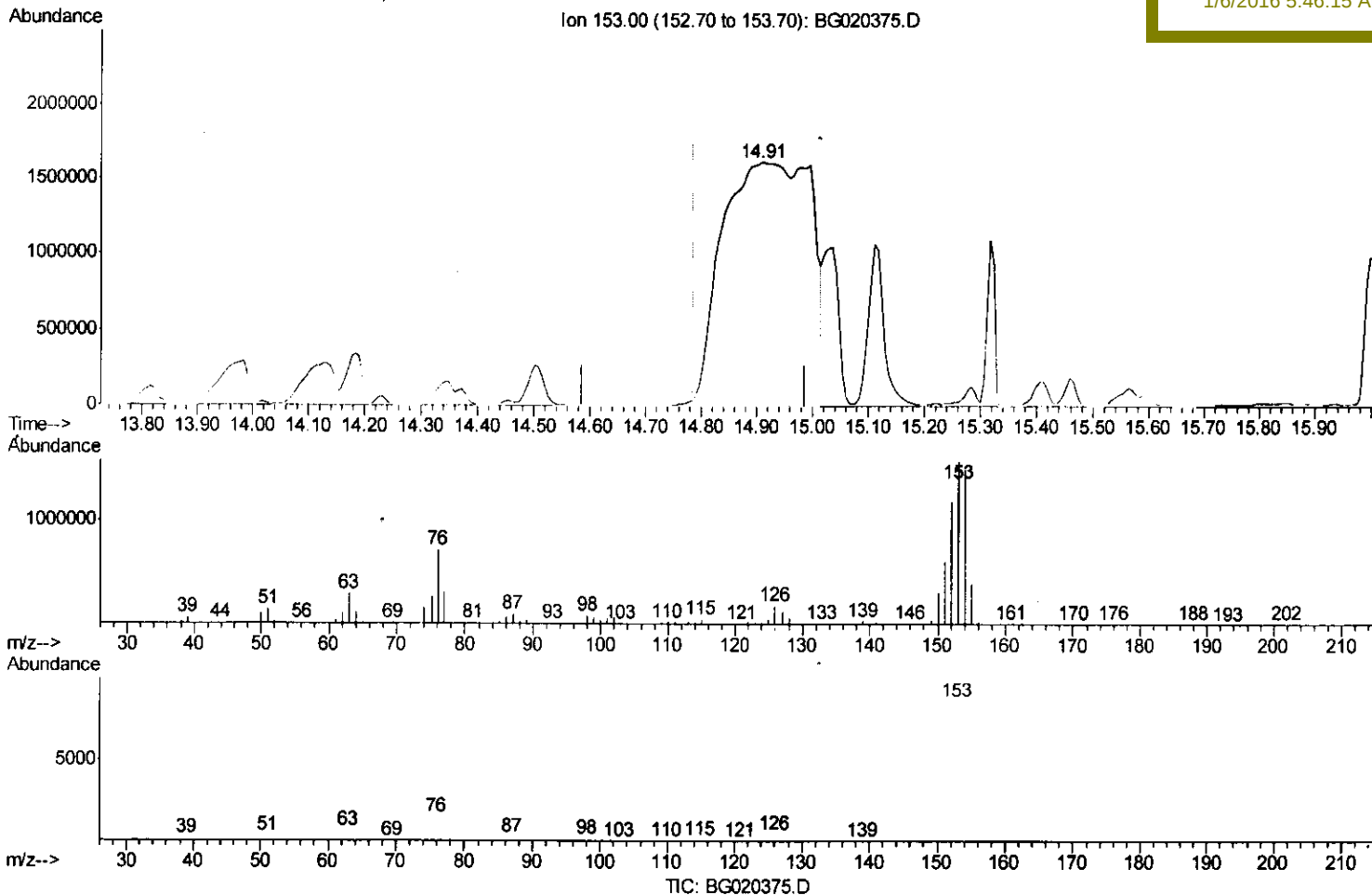
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122015\
 Data File : BG020375.D
 Acq On : 21 Dec 2015 12:14
 Operator : UM/SJ
 Sample : G4848-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N51

Manual Integrations
 APPROVED

Sohil
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Quant Time: Dec 22 03:48:29 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



(50) Acenaphthene (C)

14.906min (+0.121) 1538.51ng/ul m

response 17714524

Ion	Exp%	Act%
153.00	100	100
152.00	47.00	75.02#
154.00	84.90	94.25
0.00	0.00	0.00

U.M
 12/23/15

Quantitation Report (Qedit)

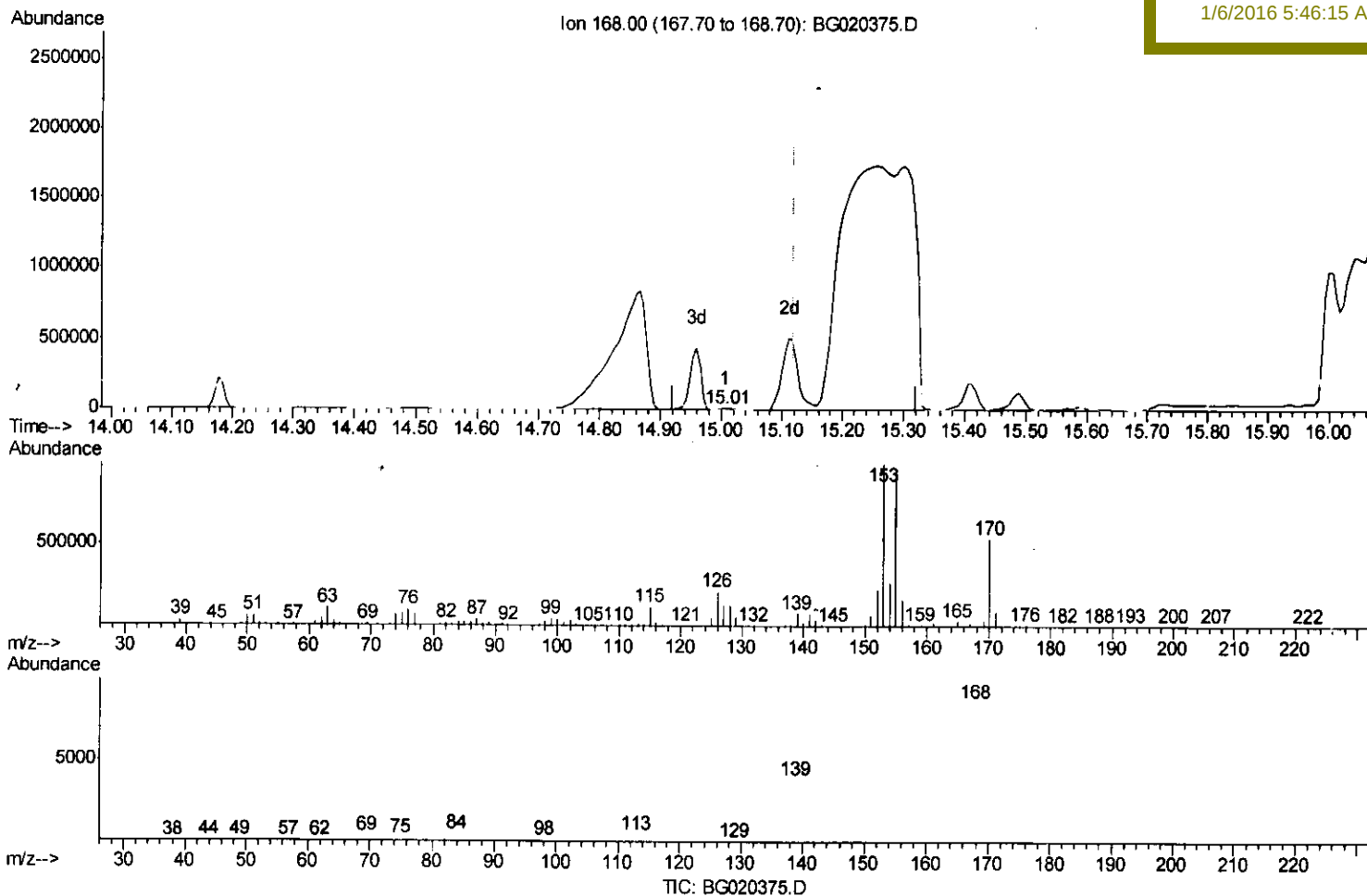
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122015\
Data File : BG020375.D
Acq On : 21 Dec 2015 12:14
Operator : UM/SJ
Sample : G4848-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N51

Manual Integrations
APPROVED

Sohil
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Quant Time: Dec 22 03:48:29 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



(54) Dibenzofuran

15.006min (-0.114) 0.80ng/ul

response 13725

Ion	Exp%	Act%
168.00	100	100
139.00	38.10	770.44#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

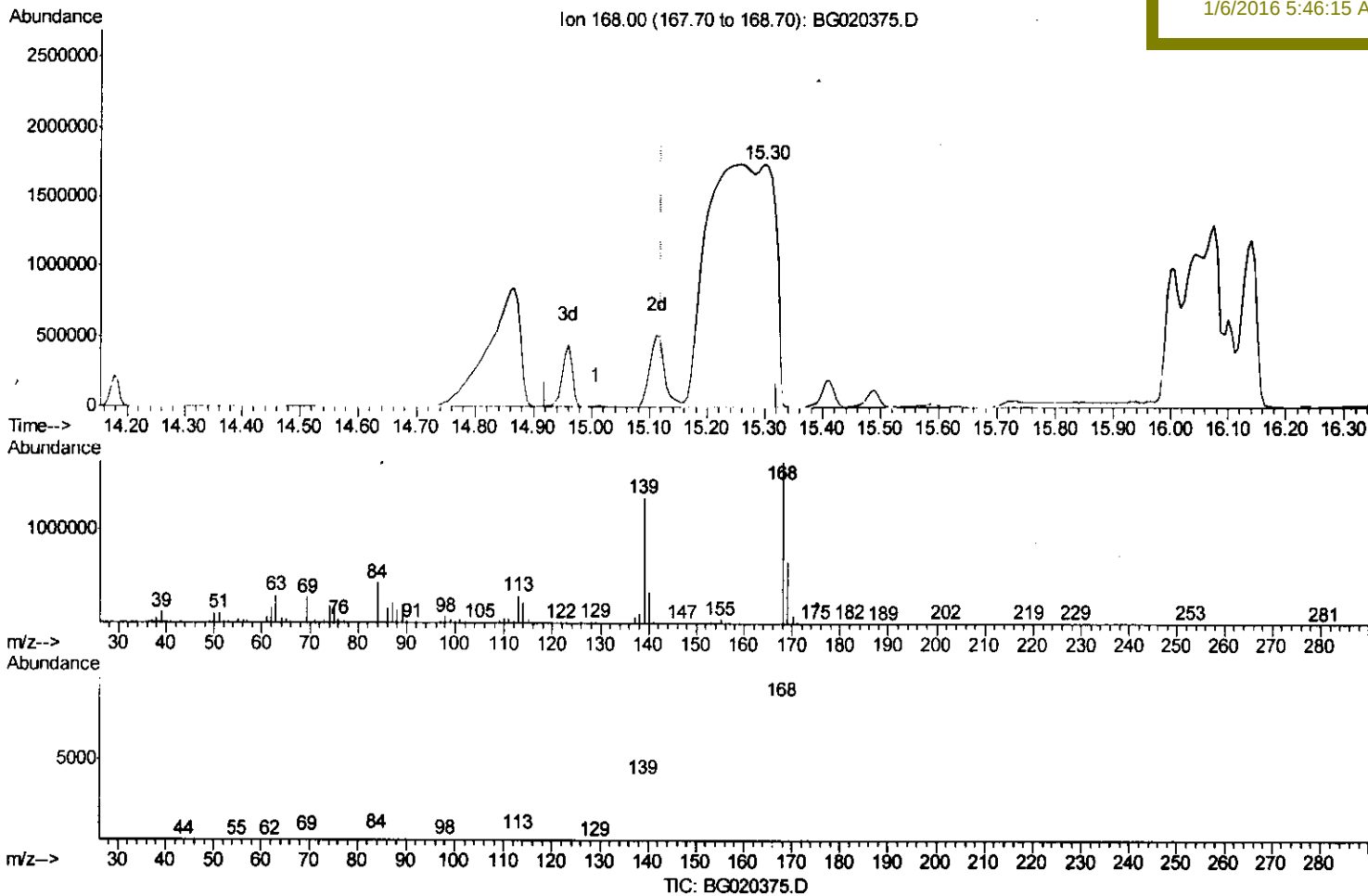
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122015\
 Data File : BG020375.D
 Acq On : 21 Dec 2015 12:14
 Operator : UM/SJ
 Sample : G4848-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N51

Manual Integrations
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Sohil
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Quant Time: Dec 22 03:48:29 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



(54) Dibenzofuran

15.300min (+0.179) 816.91ng/ul m

response 13992206

U.M
 12/23/15

Ion	Exp%	Act%
168.00	100	100
139.00	38.10	77.69%
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

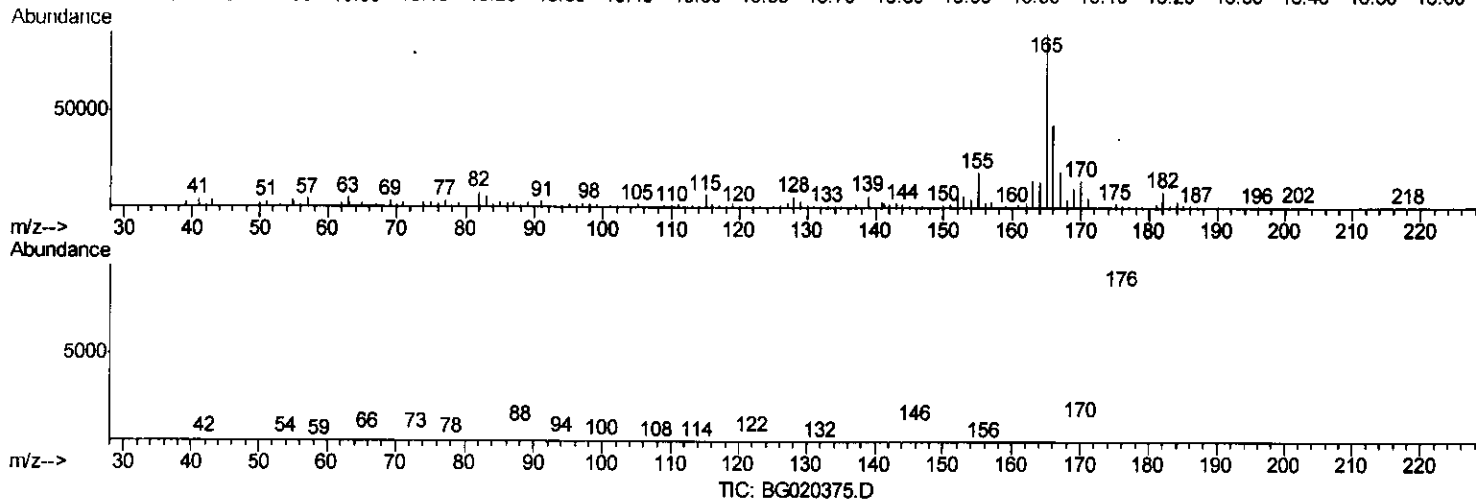
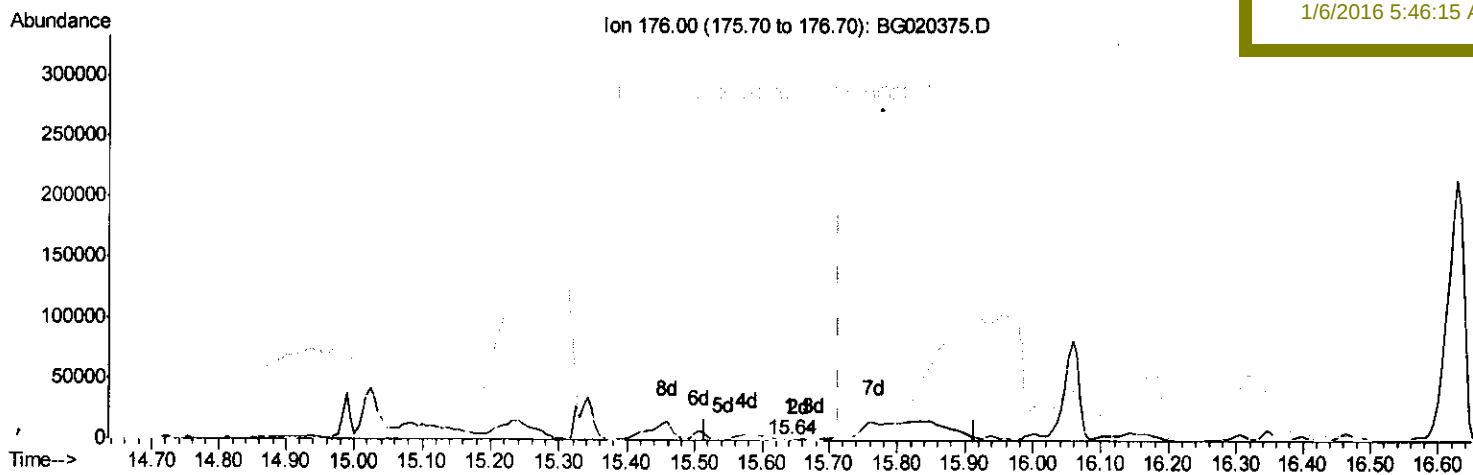
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122015\
Data File : BG020375.D
Acq On : 21 Dec 2015 12:14
Operator : UM/SJ
Sample : G4848-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N51

Quant Time: Dec 22 03:48:29 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

Manual Integrations
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Sohil
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(58) Fluorene-d10 (S)

15.641min (-0.073) 0.01ng/ul

response 93

Ion	Exp%	Act%
176.00	100	100
174.00	94.00	41.52#
87.00	8.10	165.37#
86.00	7.80	141.78#

Quantitation Report (Qedit)

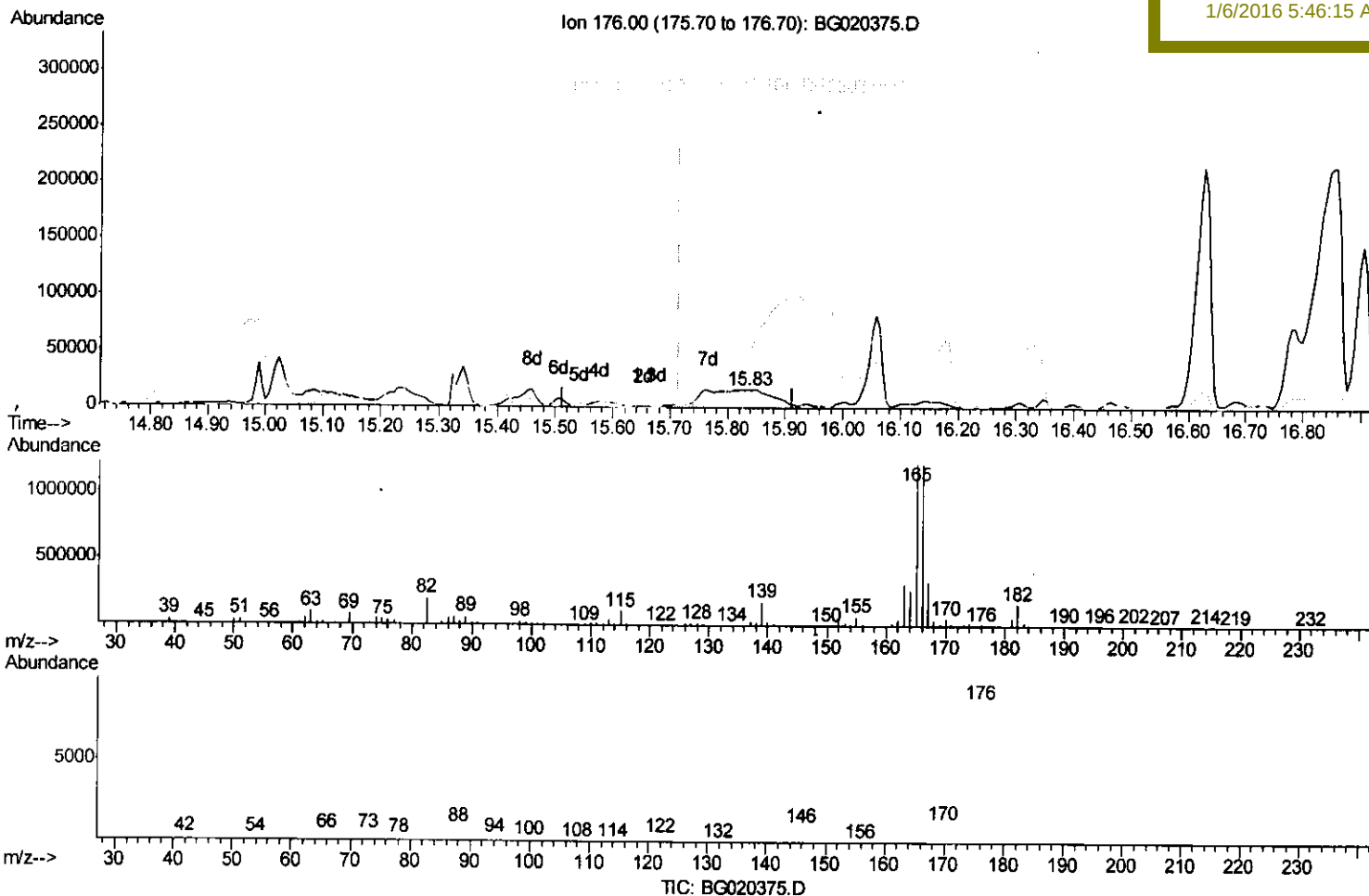
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122015\
Data File : BG020375.D
Acq On : 21 Dec 2015 12:14
Operator : UM/SJ
Sample : G4848-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_G
Client Sample ID :
D9N51

Manual Integrations
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Sohil
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Quant Time: Dec 22 03:48:29 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



(58) Fluorene-d10 (S)

15.835min (+0.121) 9.79ng/ul m U.M

response 122943

12/23/15

Ion	Exp%	Act%
176.00	100	100
174.00	94.00	161.09#
87.00	8.10	370.71#
86.00	7.80	292.12#

Quantitation Report (Qedit)

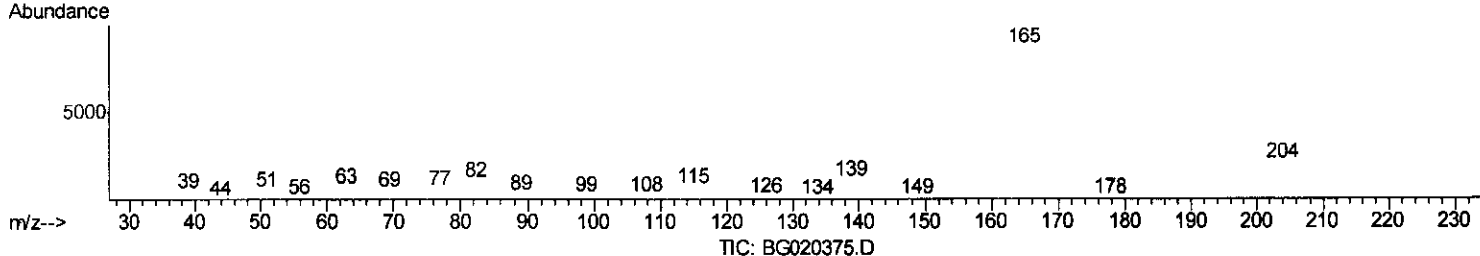
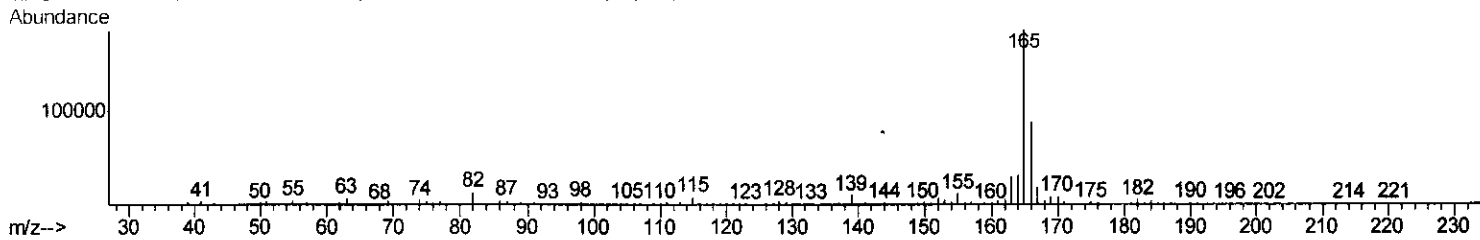
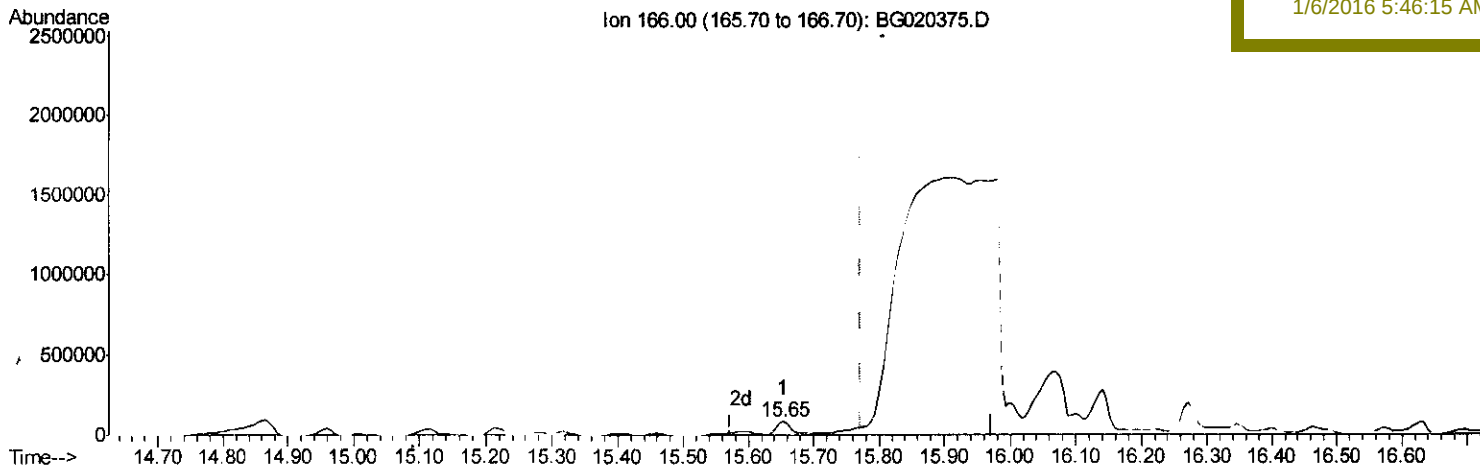
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122015\
 Data File : BG020375.D
 Acq On : 21 Dec 2015 12:14
 Operator : UM/SJ
 Sample : G4848-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Quant Time: Dec 22 03:48:29 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 :
 D9N51

Manual Integrations
 APPROVED

Sohil
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(59) Fluorene

15.653min (-0.120) 8.94ng/ul

response 123016

ion	Exp%	Act%
166.00	100	100
165.00	101.70	215.44#
167.00	14.00	21.60#
0.00	0.00	0.00

Quantitation Report (Qedit)

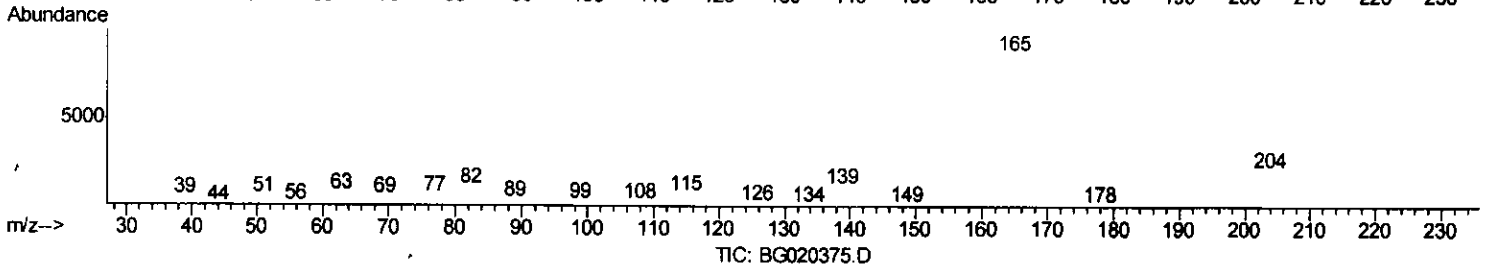
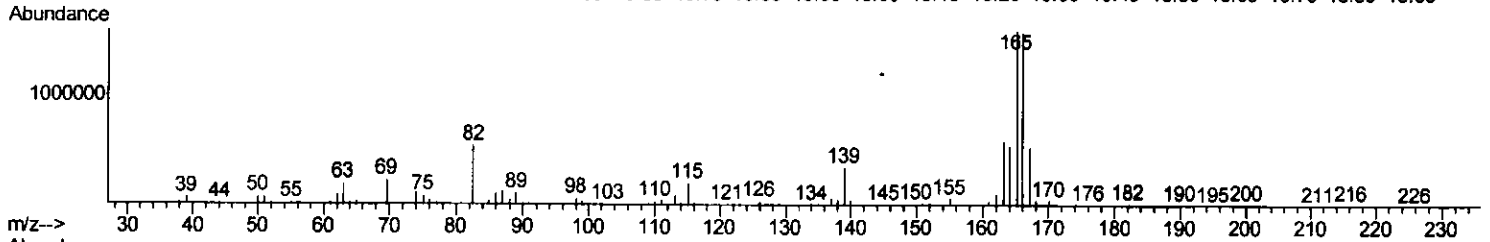
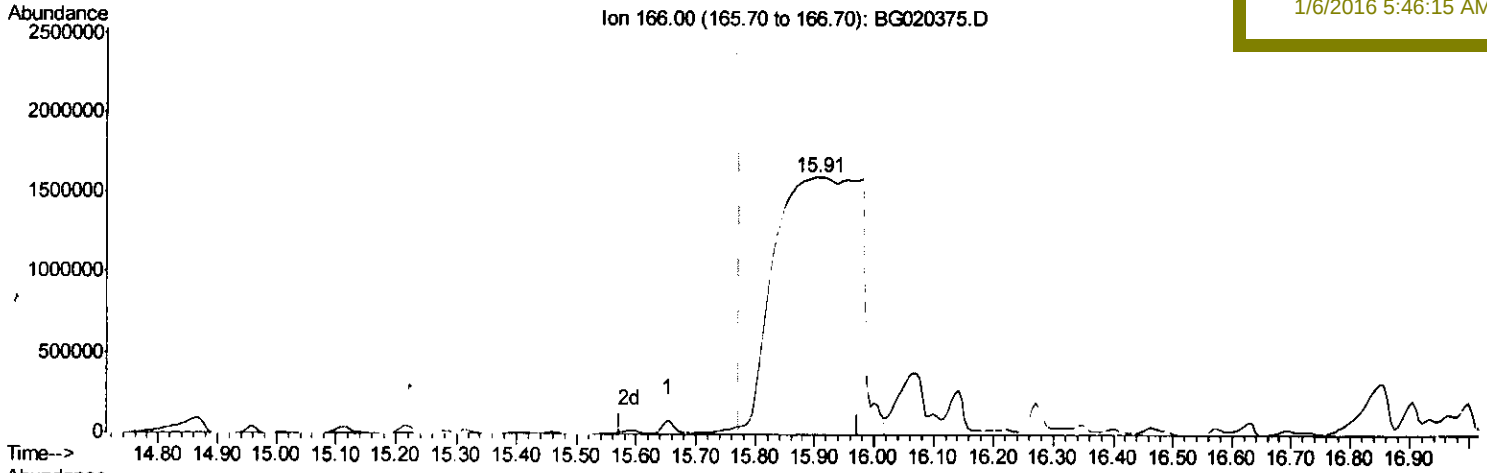
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122015\
 Data File : BG020375.D
 Acq On : 21 Dec 2015 12:14
 Operator : UM/SJ
 Sample : G4848-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Quant Time: Dec 22 03:48:29 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 :
 D9N51

Manual Integrations
 APPROVED

Sohil
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(59) Fluorene

15.905min (+0.132) 1168.34ng/ul m

response 16069932

Ion	Exp%	Act%
166.00	100	100
165.00	101.70	101.41
167.00	14.00	33.16*
0.00	0.00	0.00

V.M
 12/23/15

Quantitation Report (Qedit)

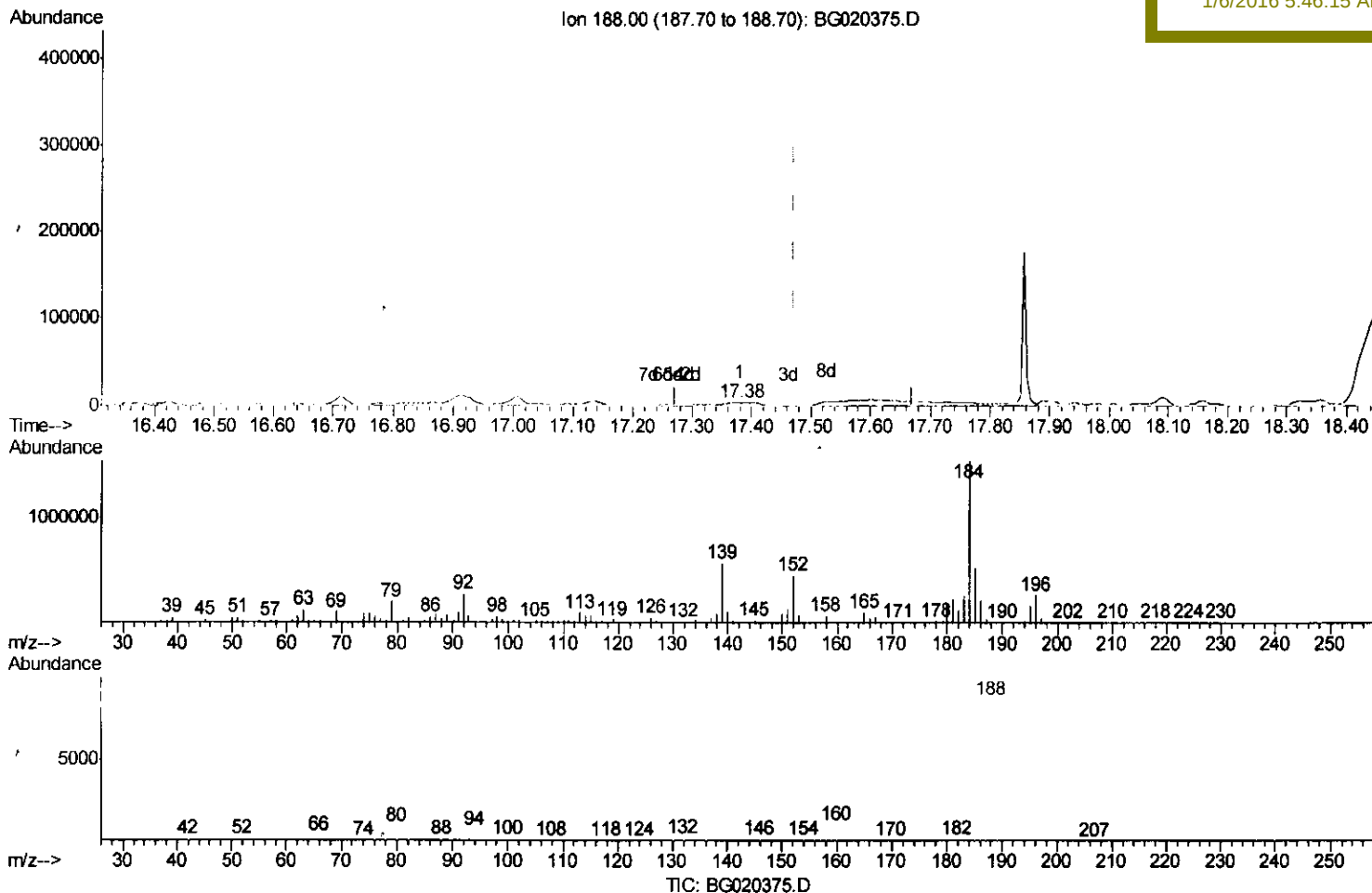
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122015\
 Data File : BG020375.D
 Acq On : 21 Dec 2015 12:14
 Operator : UM/SJ
 Sample : G4848-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N51

Quant Time: Dec 22 03:48:29 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

Manual Integrations
 APPROVED

Sohil
 1/6/2016 5:46:15 AM



(62) Phenanthrene-d10 (I)

17.380min (-0.091) 20.00ng/ui

response 14691

Ion	Exp%	Act%
188.00	100	100
94.00	6.90	208.24#
80.00	8.90	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

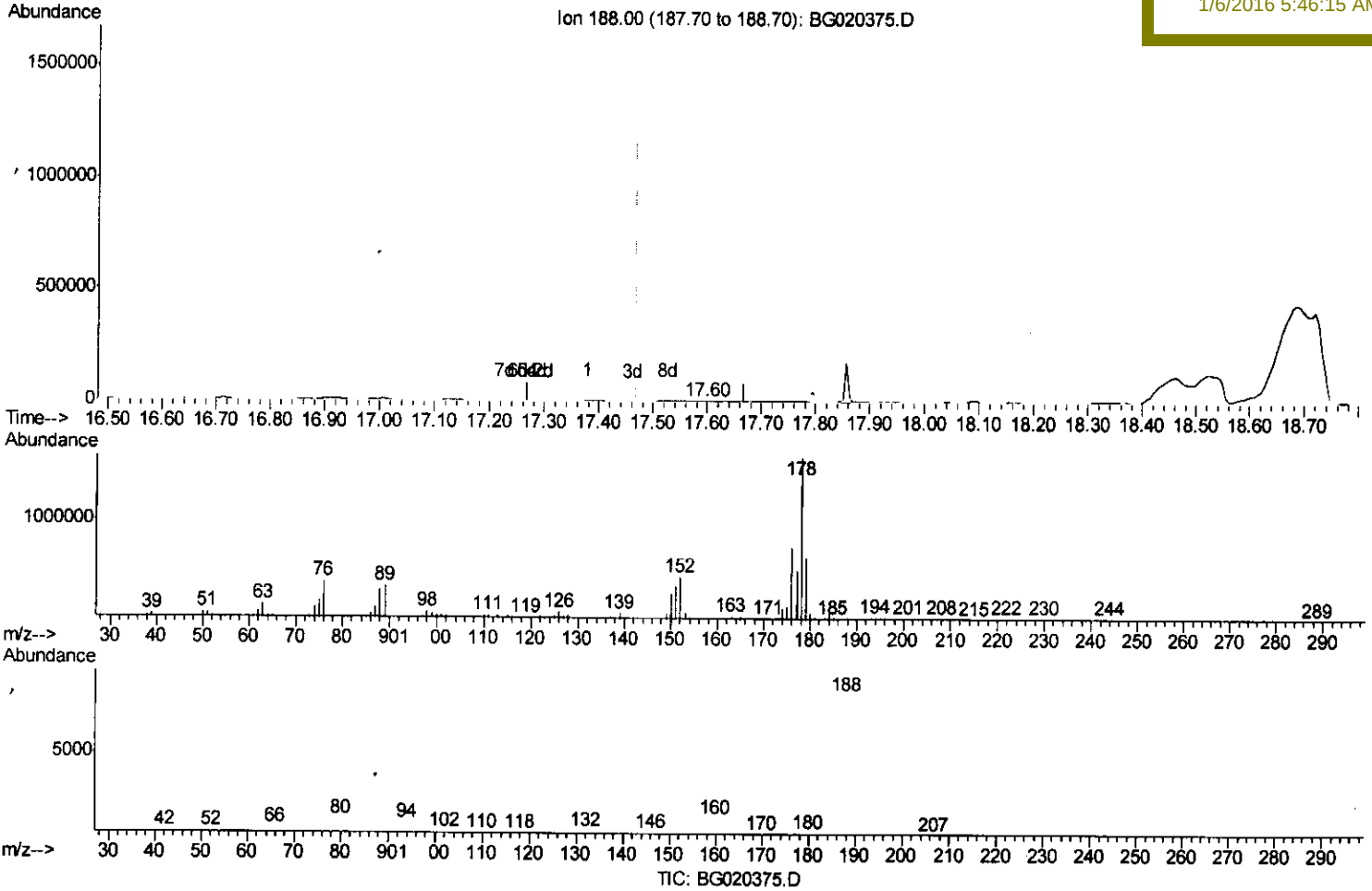
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122015\
 Data File : BG020375.D
 Acq On : 21 Dec 2015 12:14
 Operator : UM/SJ
 Sample : G4848-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Quant Time: Dec 22 03:48:29 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 :
 D9N51

Manual Integrations
 APPROVED

Sohil
 1/6/2016 5:46:15 AM



(62) Phenanthrene-d10 (I)

17.597min (+0.127) 20.00ng/ul m U.M

response 89627

12/23/15

ion	Exp%	Act%
188.00	100	100
94.00	6.90	22.83#
80.00	8.90	18.14#
0.00	0.00	0.00

Quantitation Report (Qedit)

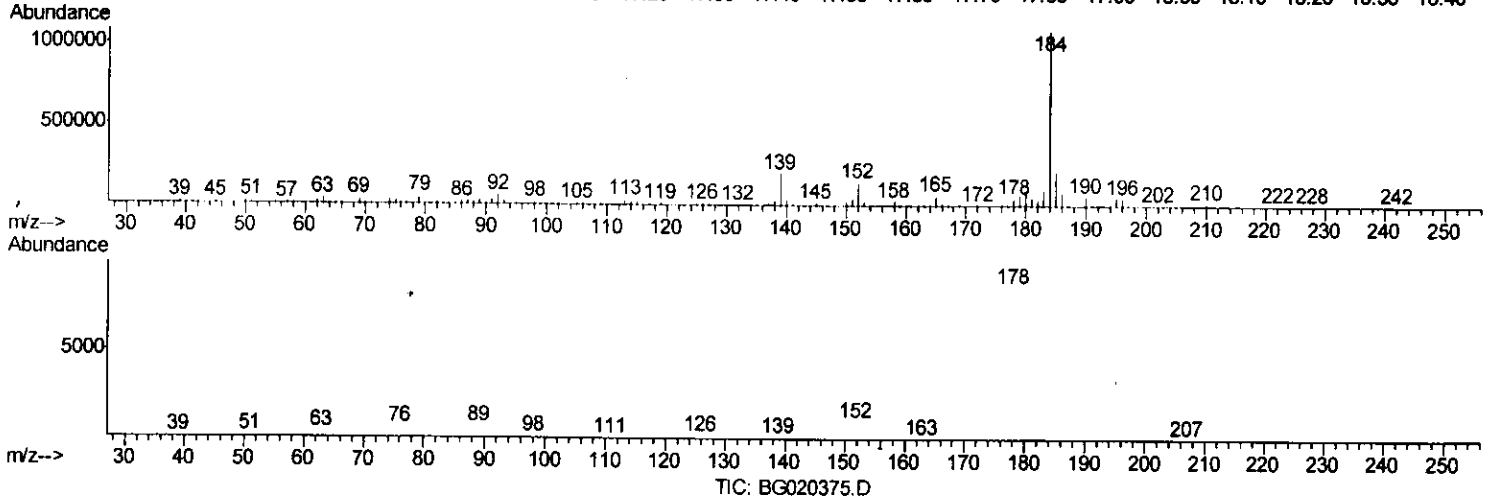
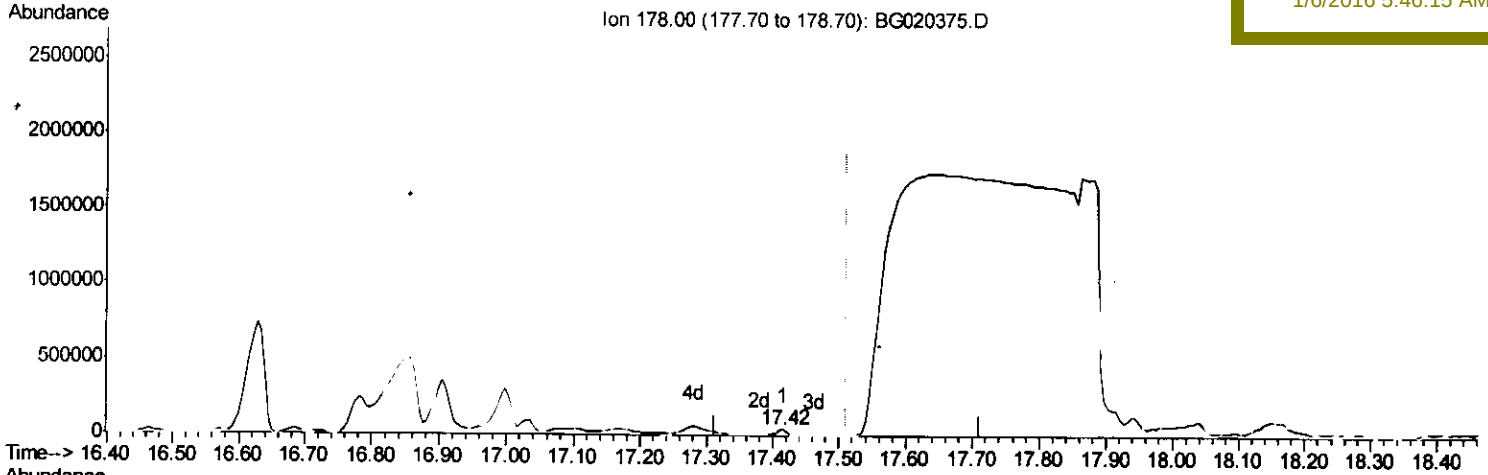
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122015\
 Data File : BG020375.D
 Acq On : 21 Dec 2015 12:14
 Operator : UM/SJ
 Sample : G4848-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N51

Quant Time: Dec 22 03:53:53 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

Manual Integrations
 APPROVED

Sohil
 1/6/2016 5:46:15 AM



(70) Phenanthrene

17.415min (-0.097) 8.13ng/ul

response 39864

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	148.91#
176.00	19.10	26.98#
0.00	0.00	0.00

Quantitation Report (Qedit)

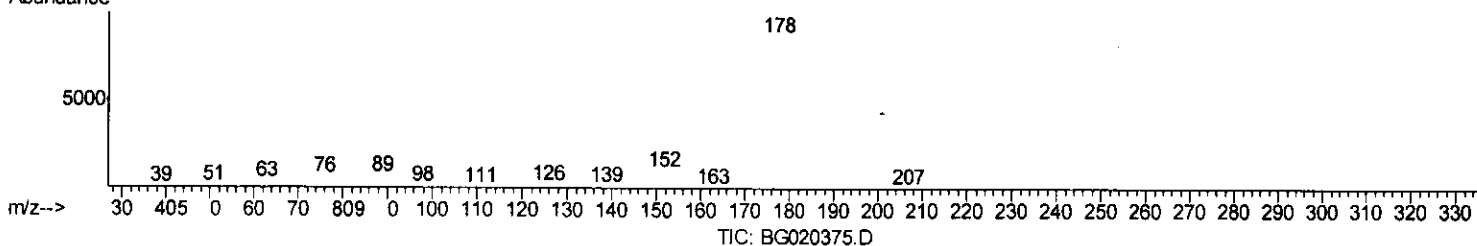
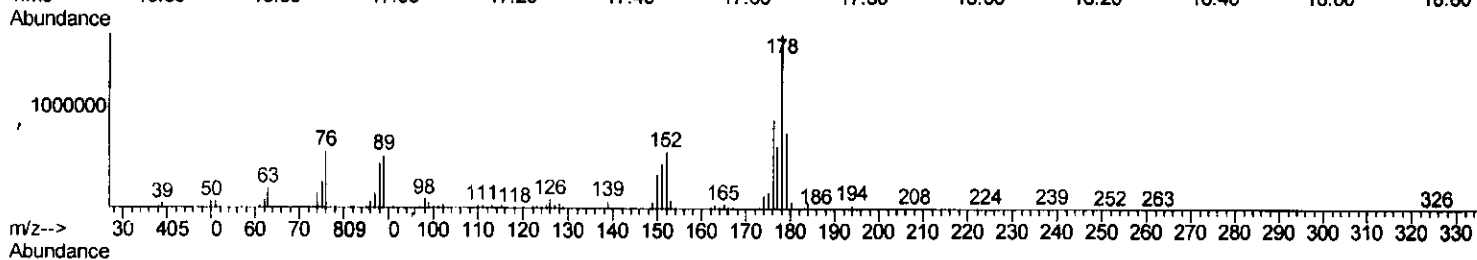
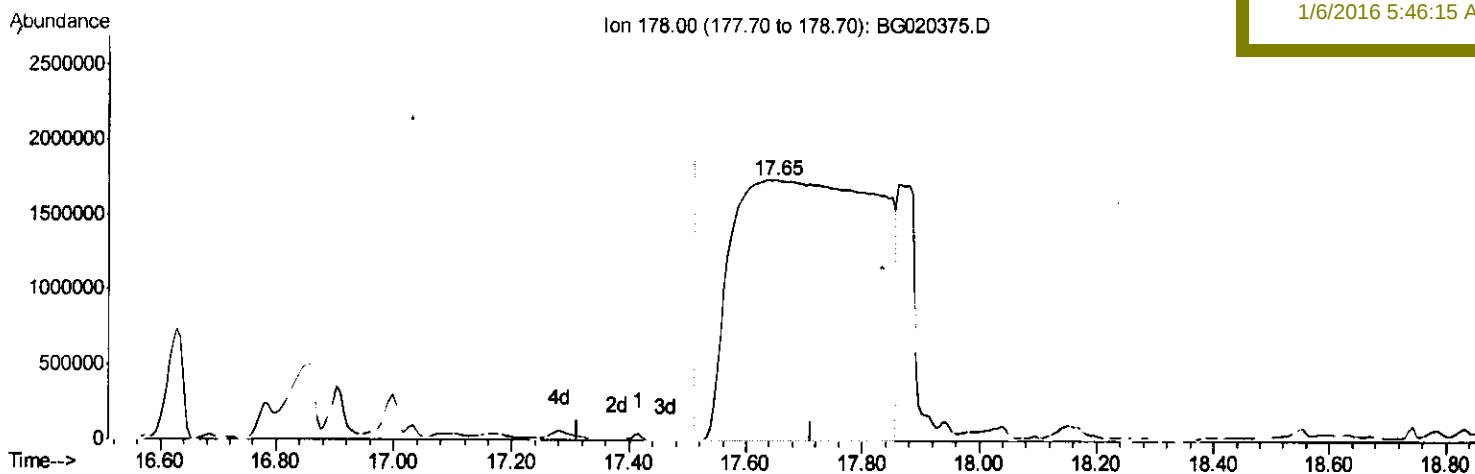
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122015\
Data File : BG020375.D
Acq On : 21 Dec 2015 12:14
Operator : UM/SJ
Sample : G4848-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N51

Manual Integrations
APPROVED

Sohil
1/6/2016 5:46:15 AM

Quant Time: Dec 22 03:53:53 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



(70) Phenanthrene

17.650min (+0.138) 6161.06ng/ul m *U.M*

response 30204287 *12/23/15*

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	43.95#
176.00	19.10	51.65#
0.00	0.00	0.00

Quantitation Report (Qedit)

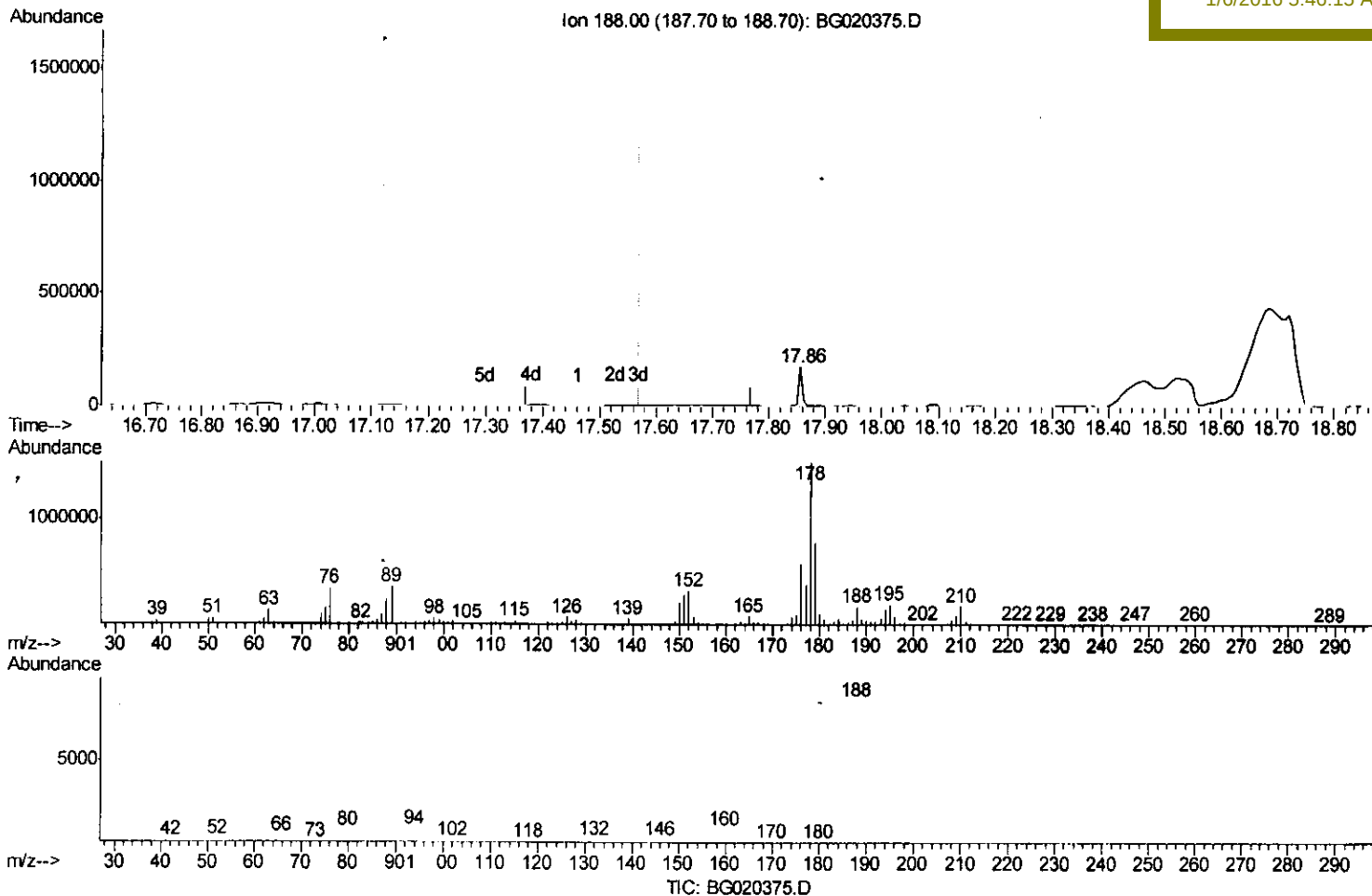
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122015\
 Data File : BG020375.D
 Acq On : 21 Dec 2015 12:14
 Operator : UM/SJ
 Sample : G4848-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N51

Quant Time: Dec 22 03:53:53 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

Manual Integrations
 APPROVED

Sohil
 1/6/2016 5:46:15 AM



(71) Anthracene-d10 (S)

17.856min (+0.285) 19.01ng/ul m U.M
 response 78525 12/23/15

Ion	Exp%	Act%
188.00	100	100
94.00	7.70	10.90#
80.00	7.50	7.63
0.00	0.00	0.00

Quantitation Report (Qedit)

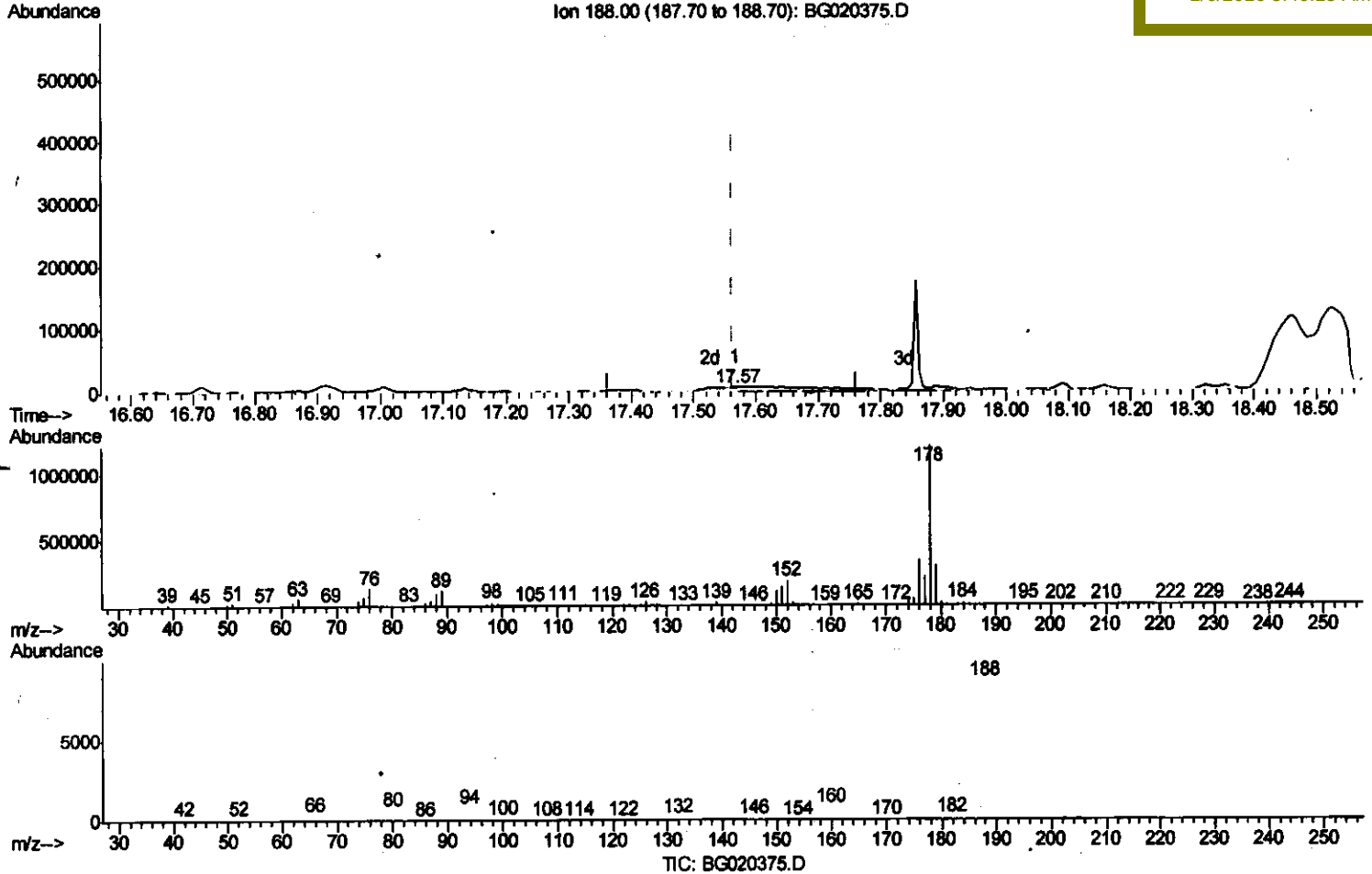
Data Path : Z:\HPCHEM1\BNA G\Data\BG122015\
 Data File : BG020375.D
 Acq On : 21 Dec 2015 12:14
 Operator : UM/SJ
 Sample : G4848-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N51

Quant Time: Jan 04 00:43:51 2016
 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
 1/6/2016 5:46:15 AM



(71) Anthracene-d10 (S)

17.568min (+0.006) 26.23ng/ul

response 1623

Ion	Exp%	Act%
188.00	100	100
94.00	7.70	16.91#
80.00	7.50	13.48#
0.00	0.00	0.00

Quantitation Report (Qedit)

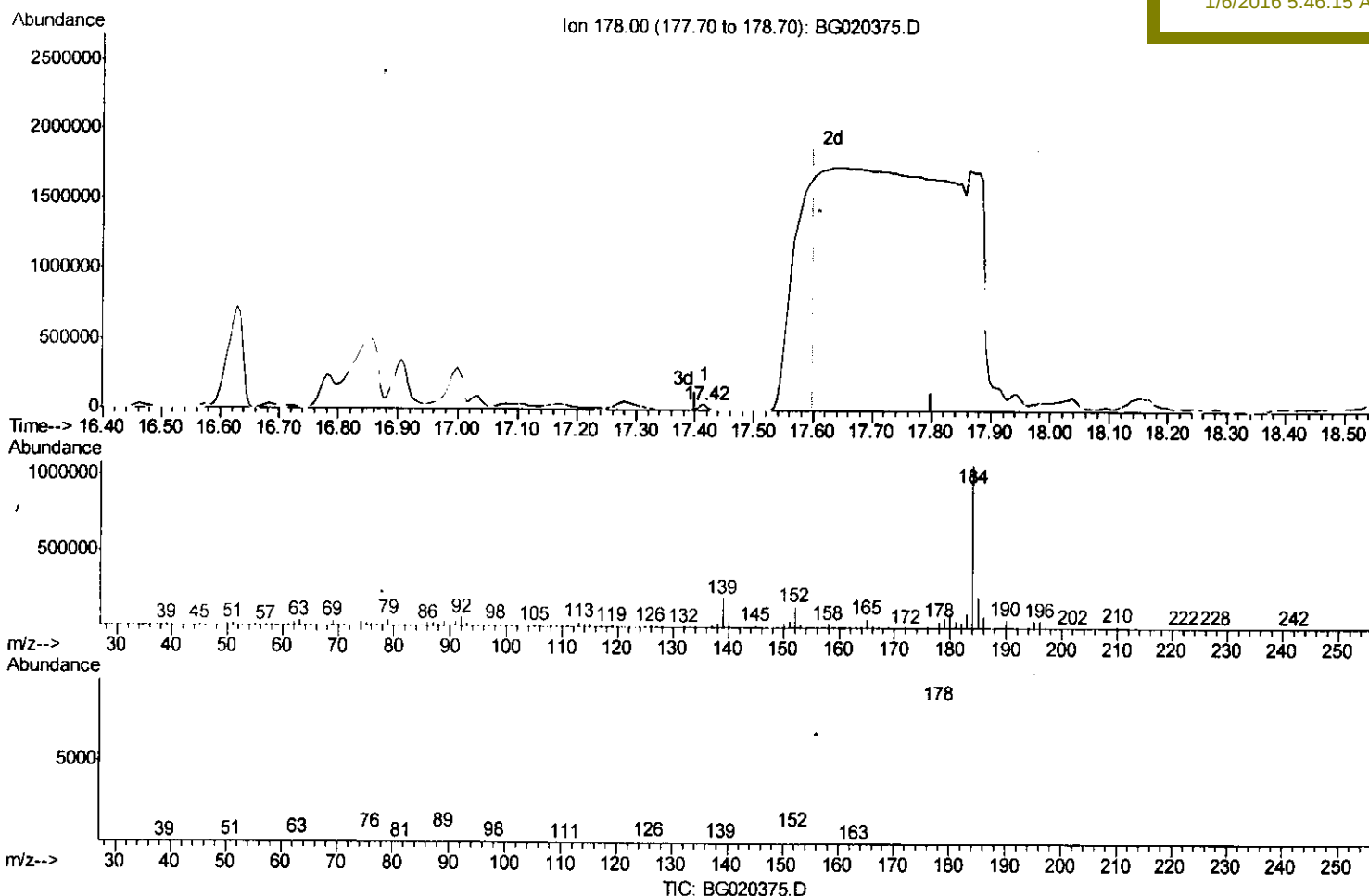
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122015\
 Data File : BG020375.D
 Acq On : 21 Dec 2015 12:14
 Operator : UM/SJ
 Sample : G4848-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N51

Quant Time: Dec 22 03:53:53 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

Manual Integrations
 APPROVED

Sohil
 1/6/2016 5:46:15 AM



(72) Anthracene

17.415min (-0.185) 7.88ng/ul

response 39161

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	148.91#
176.00	17.90	26.98#
0.00	0.00	0.00

Quantitation Report (Qedit)

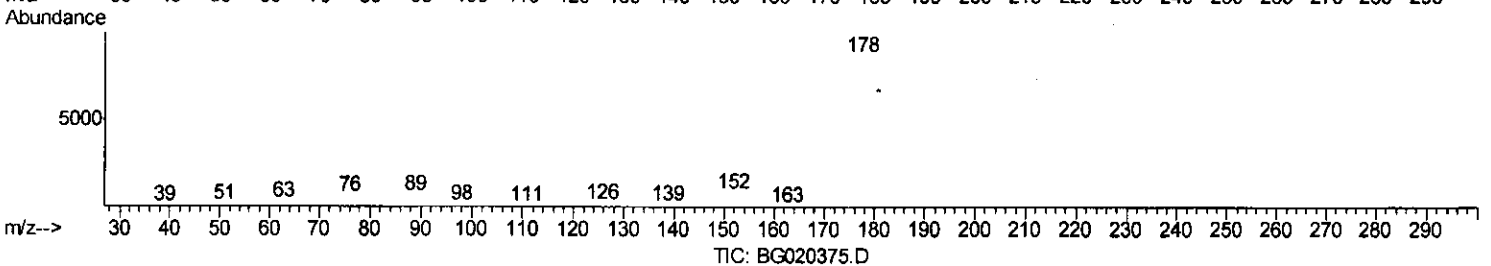
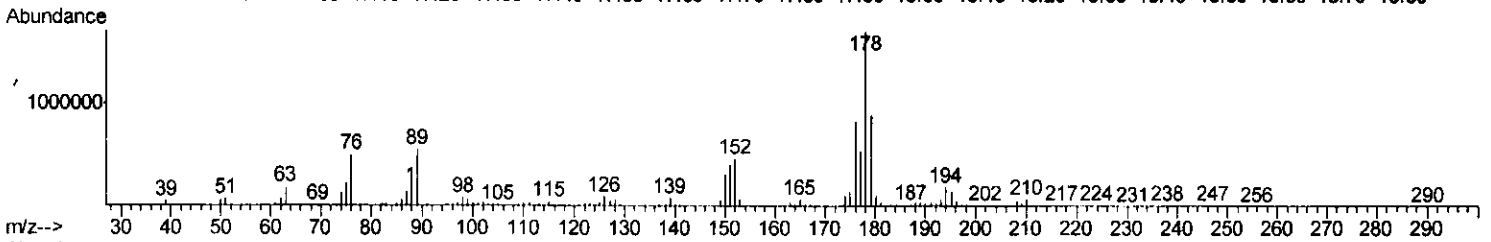
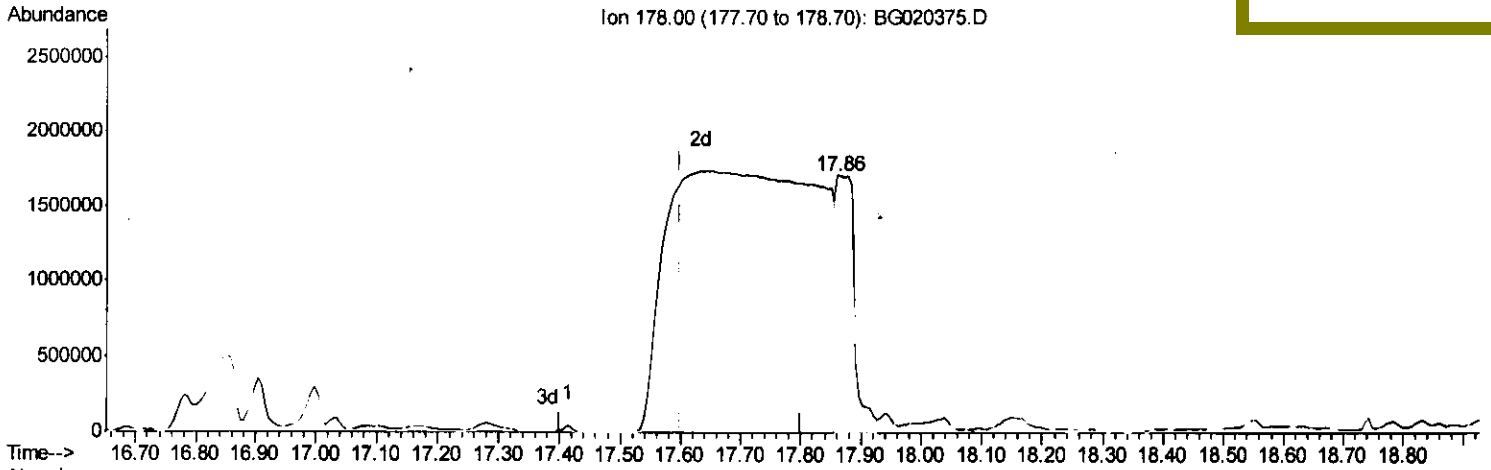
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122015\
 Data File : BG020375.D
 Acq On : 21 Dec 2015 12:14
 Operator : UM/SJ
 Sample : G4848-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N51

Manual Integrations
 APPROVED

Sohil
 1/6/2016 5:46:15 AM

Quant Time: Dec 22 03:53:53 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



(72) Anthracene

17.862min (+0.262) 700.85ng/ul m U.M

response 3484866

12/23/15

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	51.82#
176.00	17.90	48.45#
0.00	0.00	0.00

Quantitation Report (Qedit)

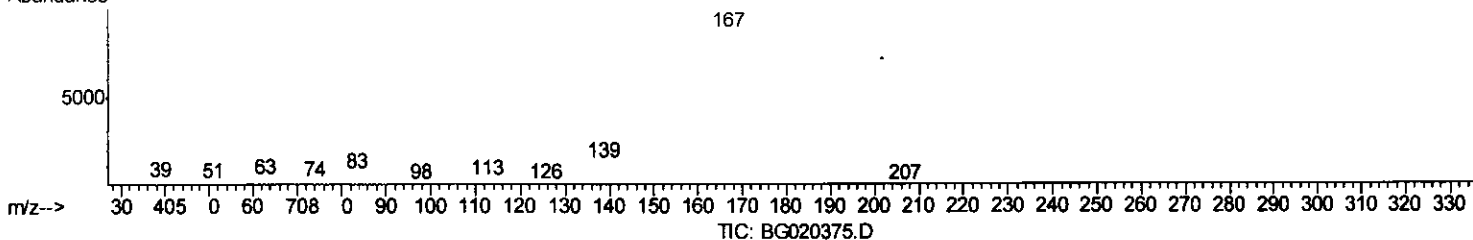
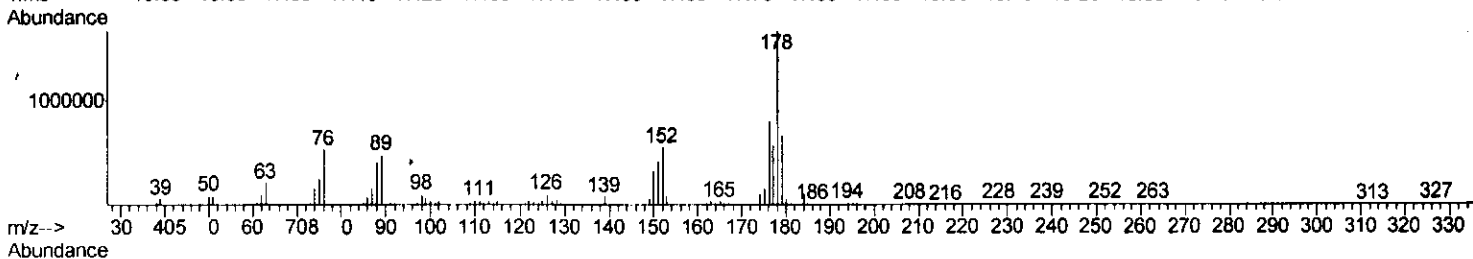
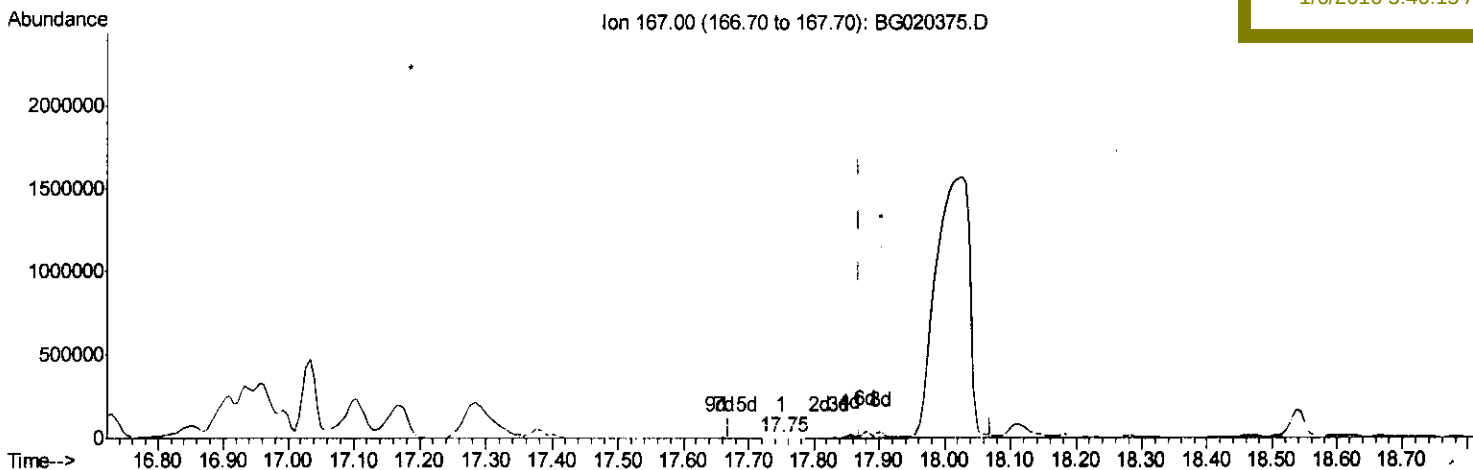
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122015\
 Data File : BG020375.D
 Acq On : 21 Dec 2015 12:14
 Operator : UM/SJ
 Sample : C4848-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N51

Quant Time: Dec 22 03:53:53 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

Manual Integrations
 APPROVED

Sohil
 1/6/2016 5:46:15 AM



(75) Carbazole

17.750min (-0.120) 1.74ng/ul

response 7286

Ion	Exp%	Act%
167.00	100	100
166.00	21.30	85.01#
139.00	12.60	970.82#
0.00	0.00	0.00

Quantitation Report (Qedit)

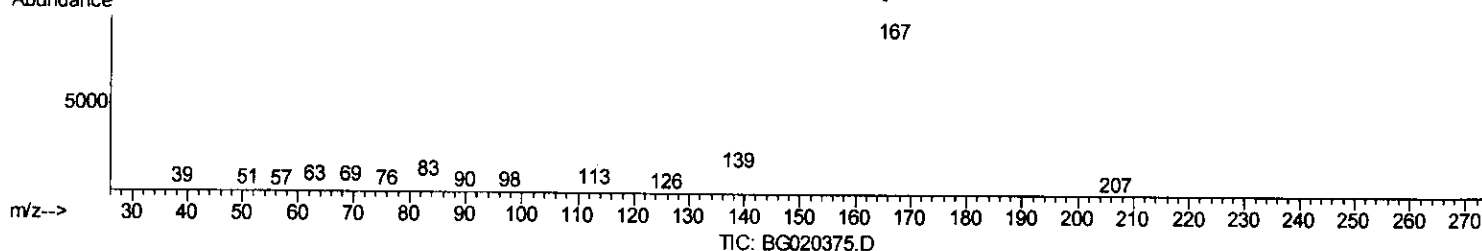
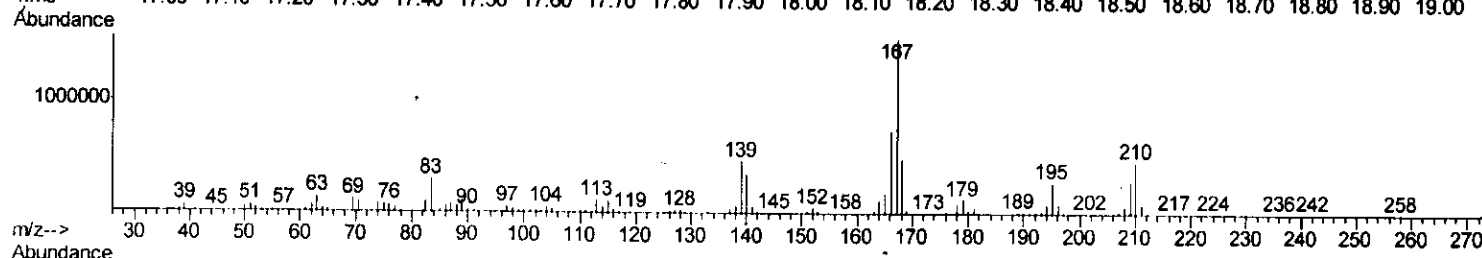
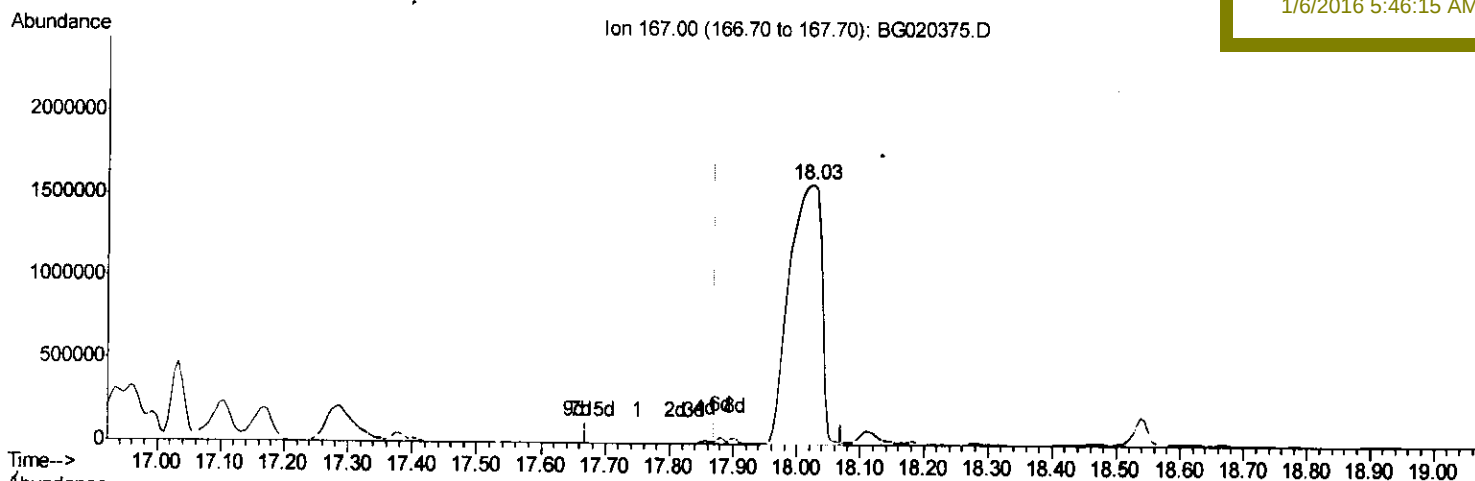
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122015\
Data File : BG020375.D
Acq On : 21 Dec 2015 12:14
Operator : UM/SJ
Sample : 34848 05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N51

Quant Time: Dec 22 03:53:53 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

Manual Integrations
APPROVED

Sohil
1/6/2016 5:46:15 AM



(75) Carbazole

18.026min (+0.156) 1333.31ng/ul m

response 5570601

Ion Exp% Act%

167.00 100 100

166.00 21.30 47.56#

139.00 12.60 29.98#

0.00 0.00 0.00

Quantitation Report (Qedit)

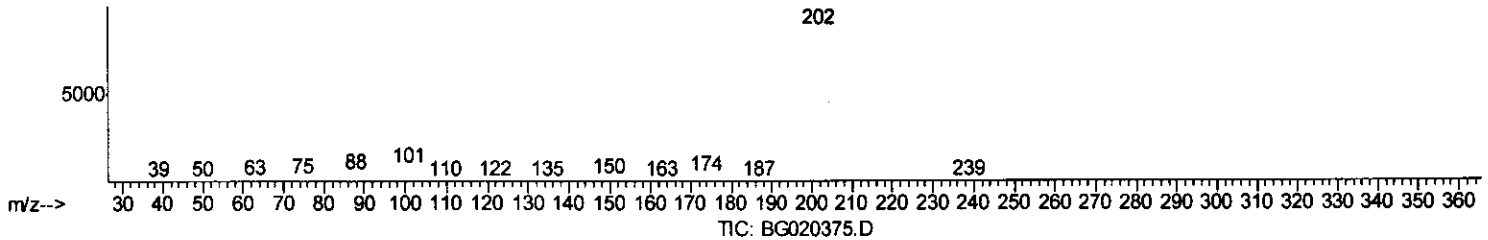
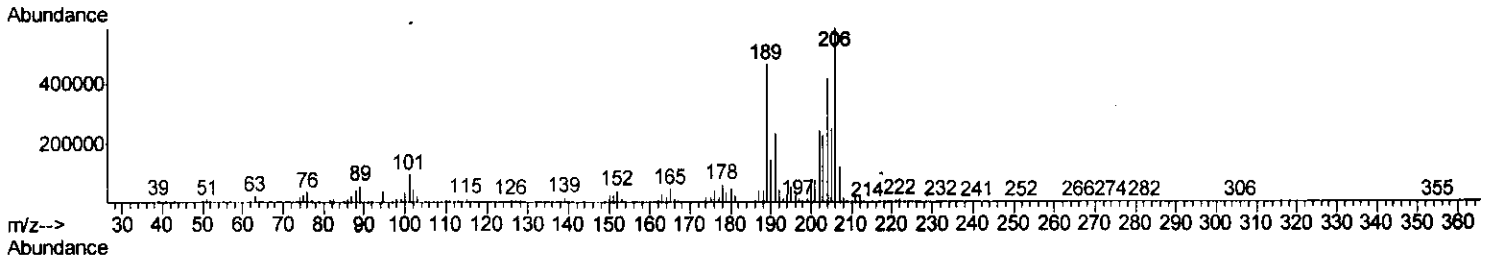
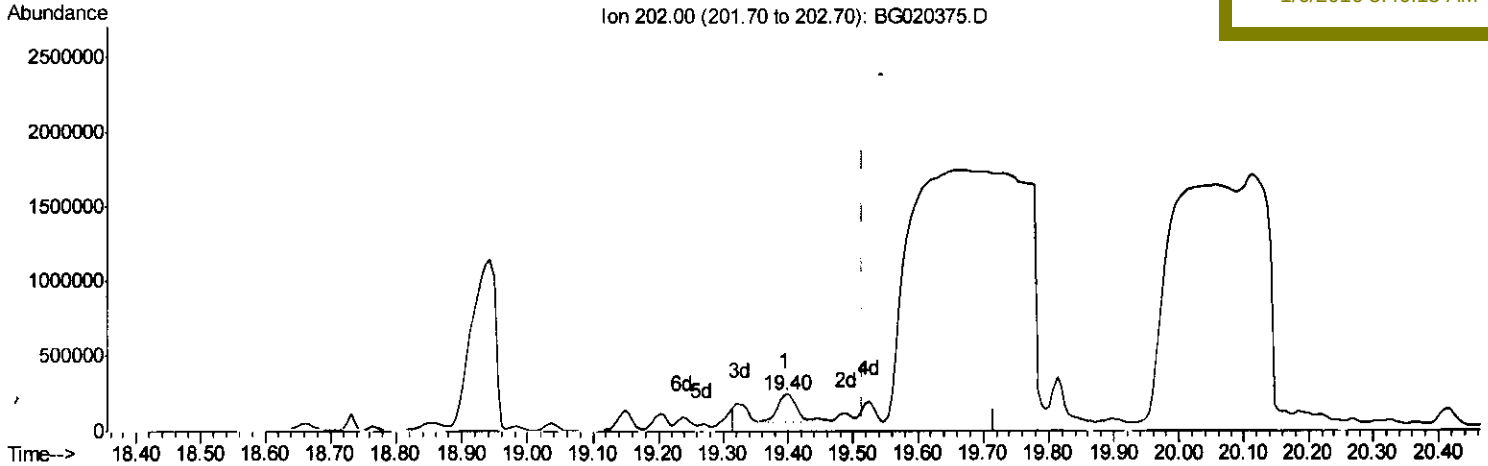
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122015\
 Data File : BG020375.D
 Acq On : 21 Dec 2015 12:14
 Operator : UM/SJ
 Sample : G4848-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N51

Quant Time: Dec 22 03:53:53 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

Manual Integrations
 APPROVED

Sohil
 1/6/2016 5:46:15 AM



(77) Fluoranthene (C)

19.395min (-0.120) 62.55ng/ul

response 358412

Ion	Exp%	Act%
202.00	100	100
101.00	7.80	39.60#
100.00	6.40	15.72#
0.00	0.00	0.00

Quantitation Report (Qedit)

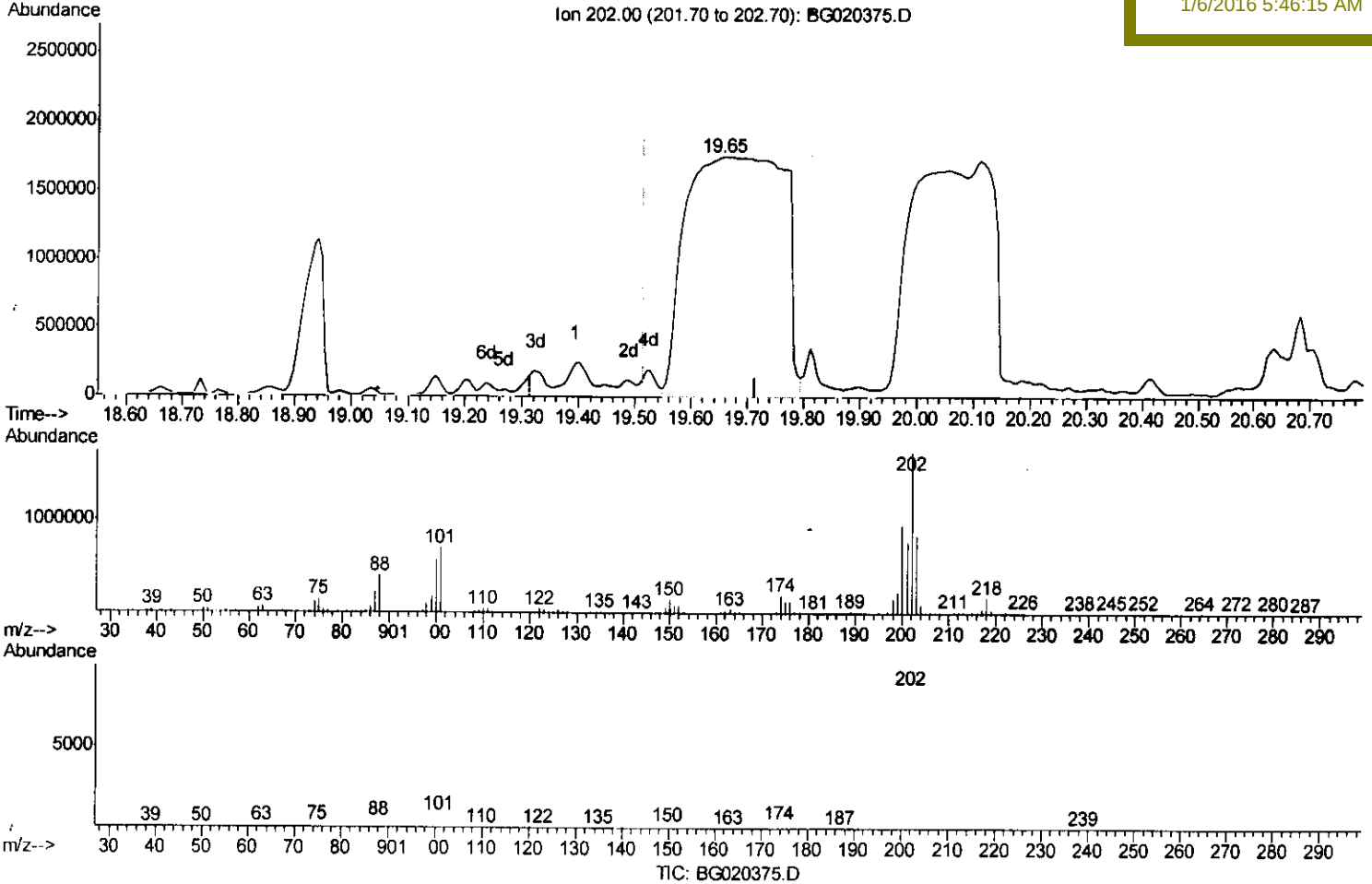
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122015\
 Data File : BG020375.D
 Acq On : 21 Dec 2015 12:14
 Operator : UM/SJ
 Sample : G4848-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Quant Time: Dec 22 03:53:53 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 :
 D9N51

Manual Integrations
 APPROVED

Sohil
 1/6/2016 5:46:15 AM



(77) Fluoranthene (C)

19.654min (+0.138) 3718.10ng/ul m U.M

response 21303065

12/23/15

Ion	Exp%	Act%
202.00	100	100
101.00	7.80	40.25#
100.00	6.40	32.96#
0.00	0.00	0.00

Quantitation Report (Qedit)

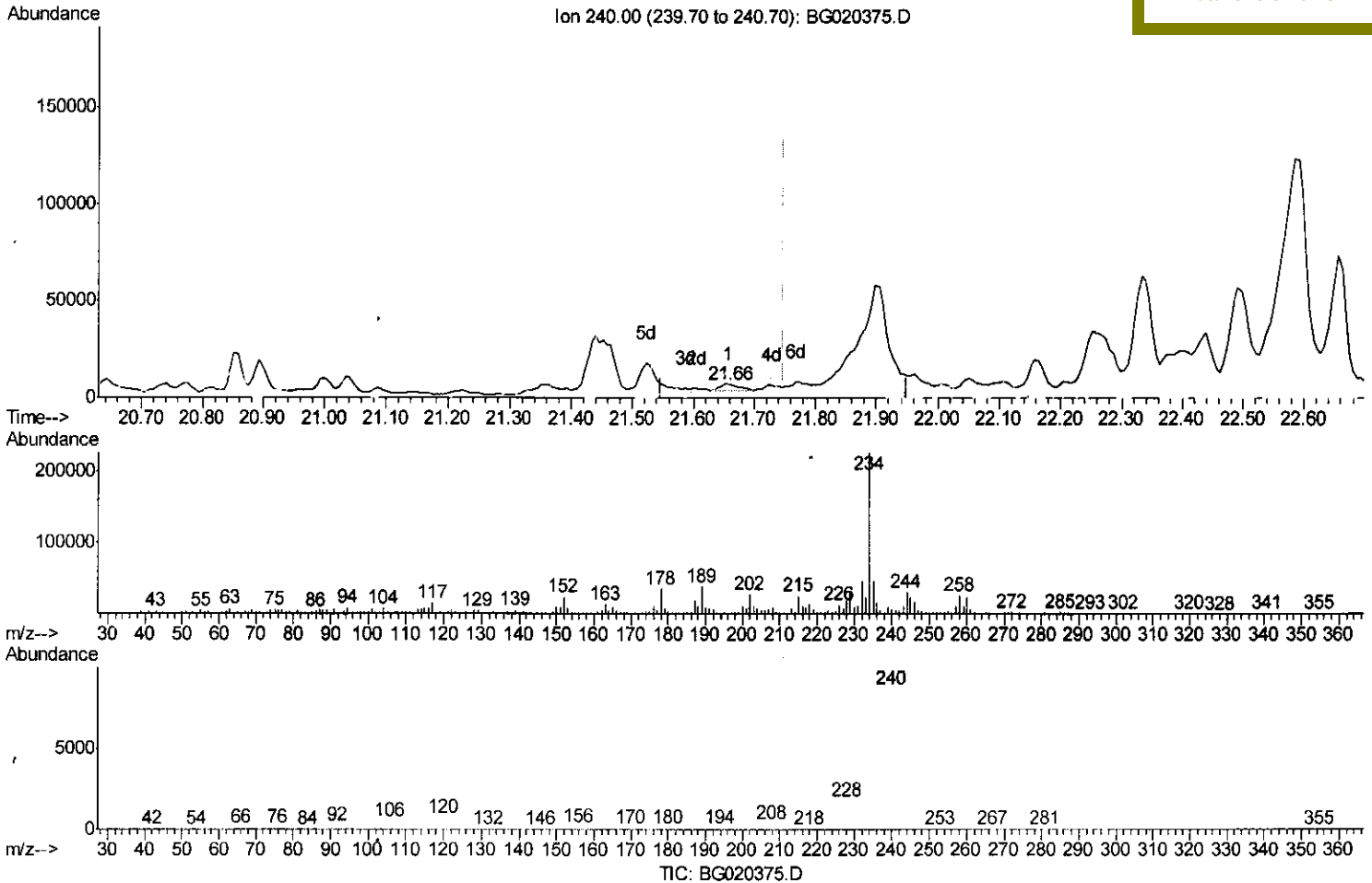
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122015\
 Data File : BG020375.D
 Acq On : 21 Dec 2015 12:14
 Operator : UM/SJ
 Sample : G4848-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N51

Quant Time: Dec 22 03:53:53 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

Manual Integrations
 APPROVED

Sohil
 1/6/2016 5:46:15 AM



(78) Chrysene-d12 (I)

21.657min (-0.091) 20.00ng/ul

response 6621

Ion	Exp%	Act%
240.00	100	100
120.00	6.90	26.90#
236.00	26.40	220.64#
0.00	0.00	0.00

Quantitation Report (Qedit)

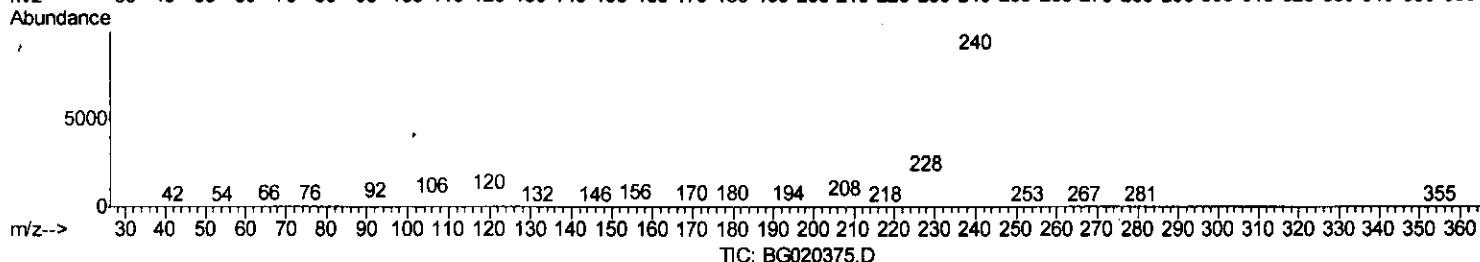
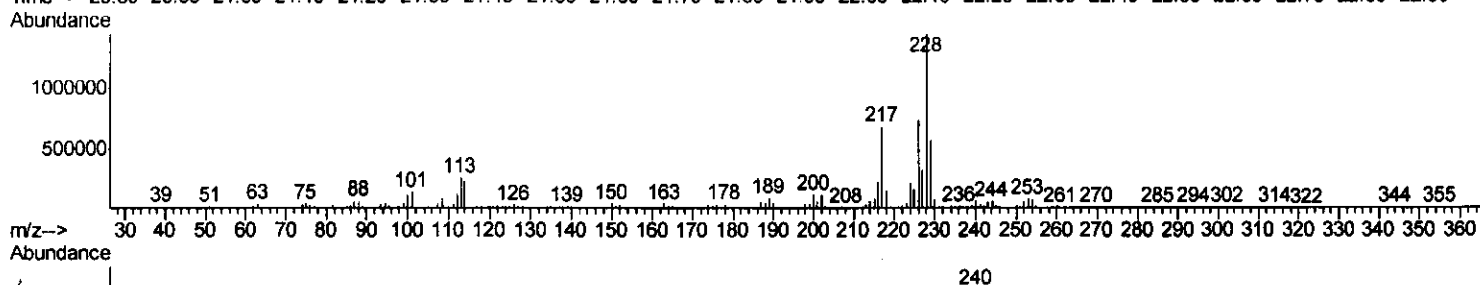
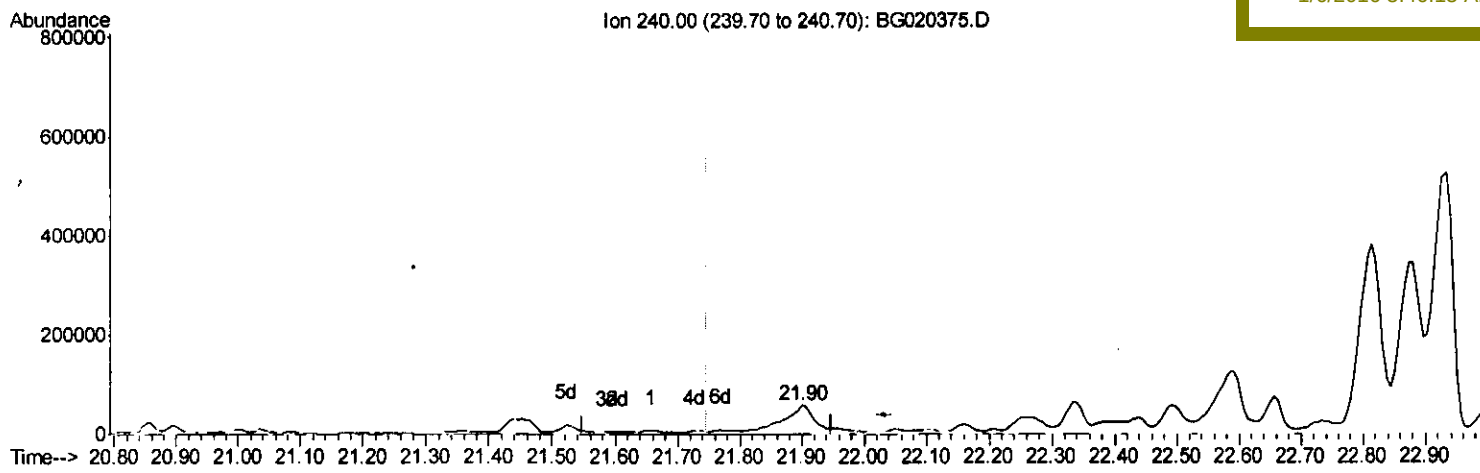
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122015\
 Data File : BG020375.D
 Acq On : 21 Dec 2015 12:14
 Operator : UM/SJ
 Sample : G4848-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N51

Manual Integrations
 APPROVED

Sohil
 1/6/2016 5:46:15 AM

Quant Time: Dec 22 03:53:53 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



(78) Chrysene-d12 (I)

21.898min (+0.150) 20.00ng/ul m U. M

response 199817

7/2/23/15

Ion	Exp%	Act%
240.00	100	100
120.00	6.90	15.67#
236.00	26.40	29.88
0.00	0.00	0.00

Quantitation Report (Qedit)

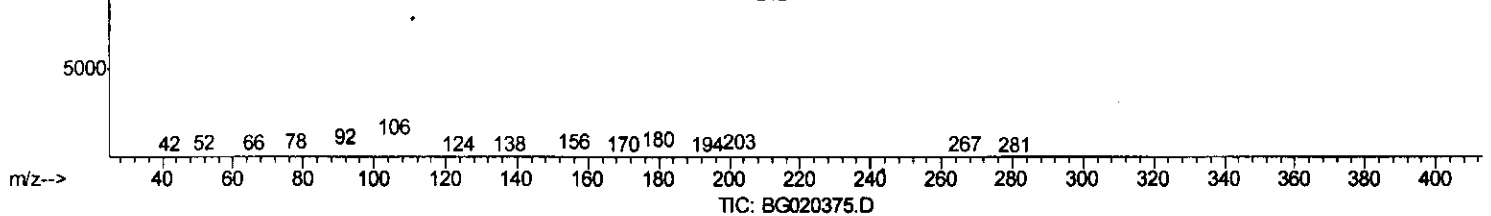
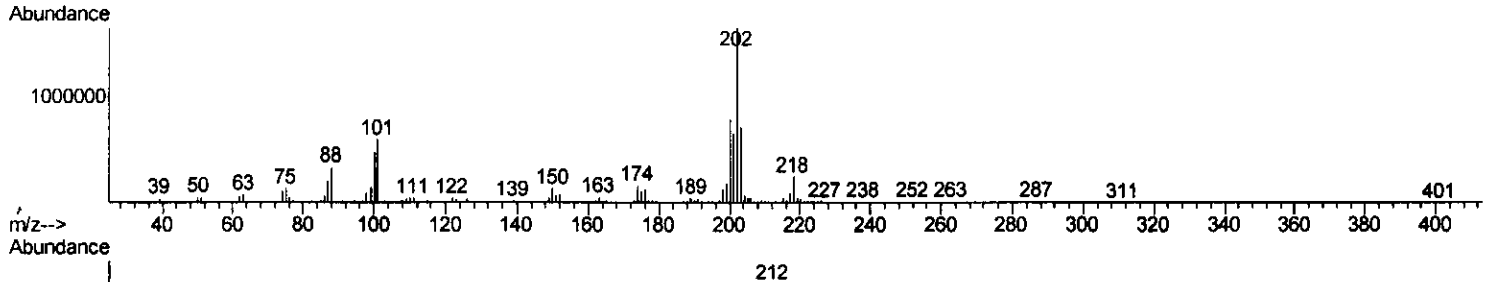
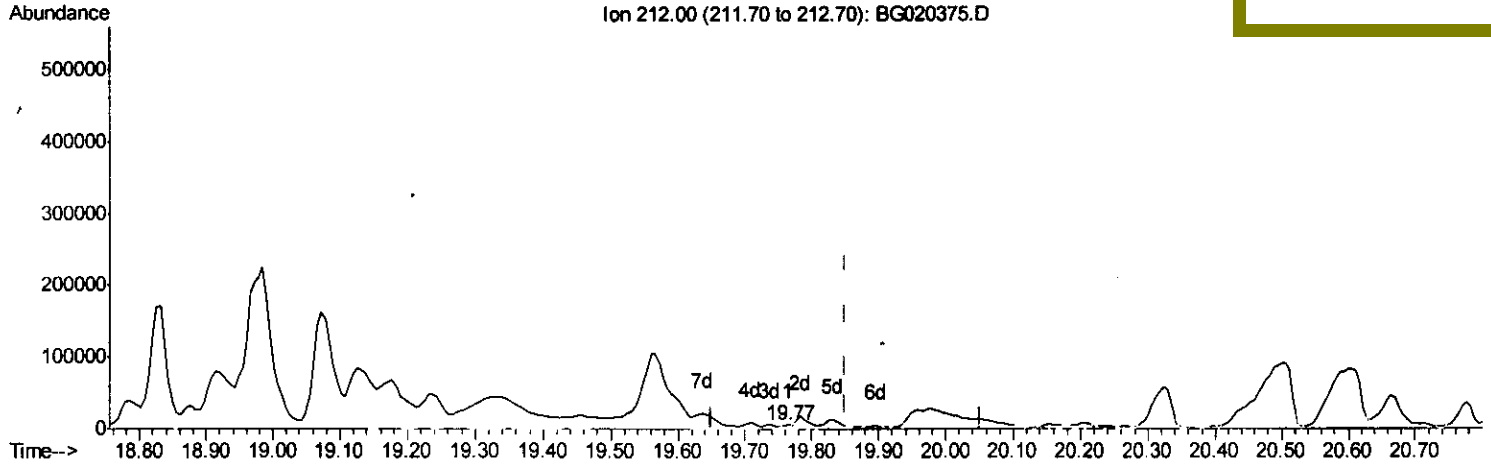
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122015\
 Data File : BG020375.D
 Acq On : 21 Dec 2015 12:14
 Operator : UM/SJ
 Sample : G4848-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N51

Quant Time: Dec 22 03:59:20 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

Manual Integrations
 APPROVED

Sohil
 1/6/2016 5:46:15 AM



(79) Pyrene-d10 (S)

19.765min (-0.085) 0.32ng/ul

response 2969

Ion	Exp%	Act%
212.00	100	100
106.00	10.50	0.00#
104.00	6.80	48.49#
0.00	0.00	0.00

Quantitation Report (Qedit)

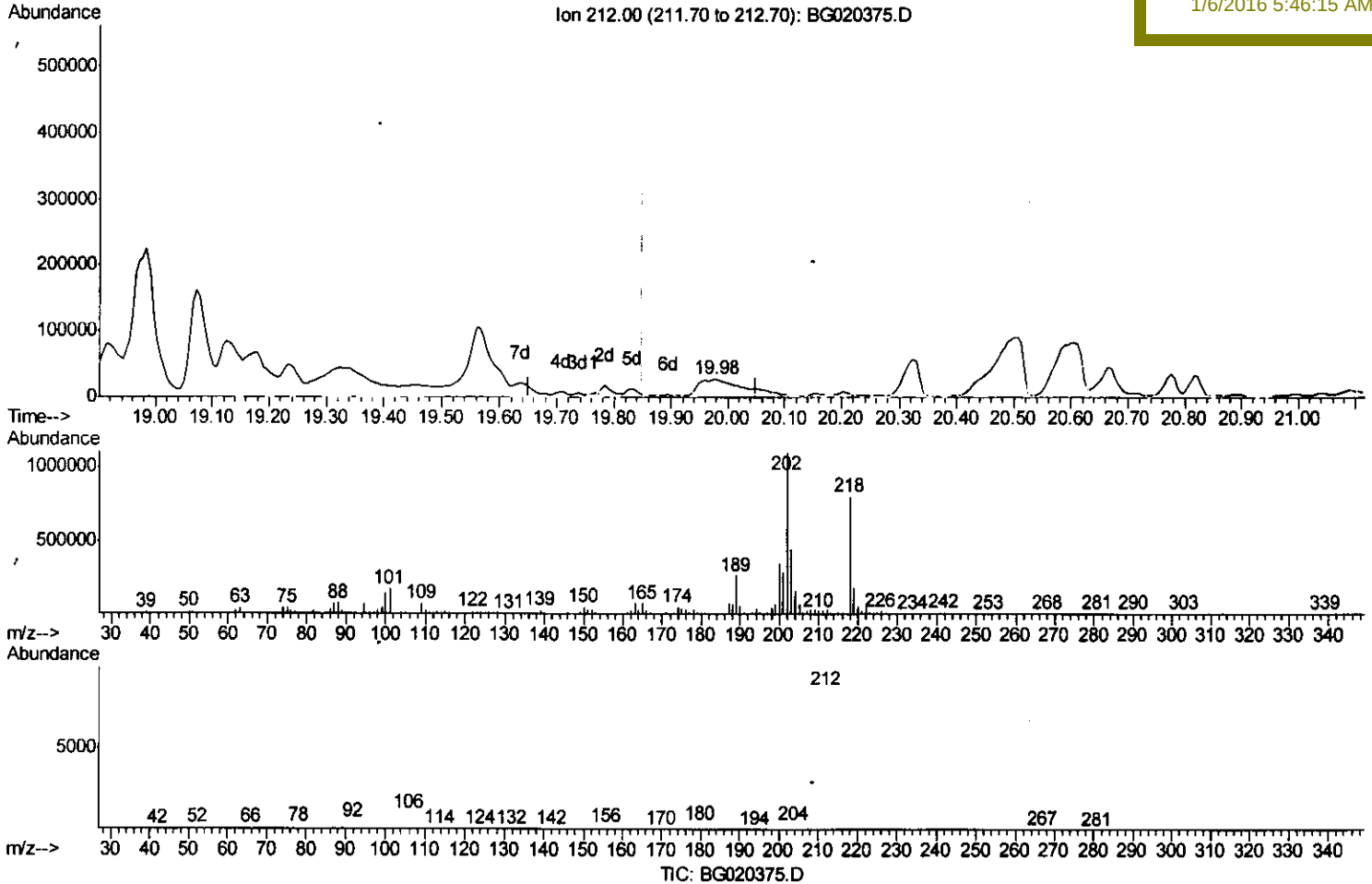
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122015\
 Data File : BG020375.D
 Acq On : 21 Dec 2015 12:14
 Operator : UM/SJ
 Sample : G4848-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Quant Time: Dec 22 03:59:20 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 :
 D9N51

Manual Integrations
 APPROVED

Sohil
 1/6/2016 5:46:15 AM



(79) Pyrene-d10 (S)

19.977min (+0.127) 16.84ng/ul m *U.M*
 response 156795 *12/23/15*

Ion	Exp%	Act%
212.00	100	100
106.00	10.50	12.86#
104.00	6.80	17.06#
0.00	0.00	0.00

Quantitation Report (Qedit)

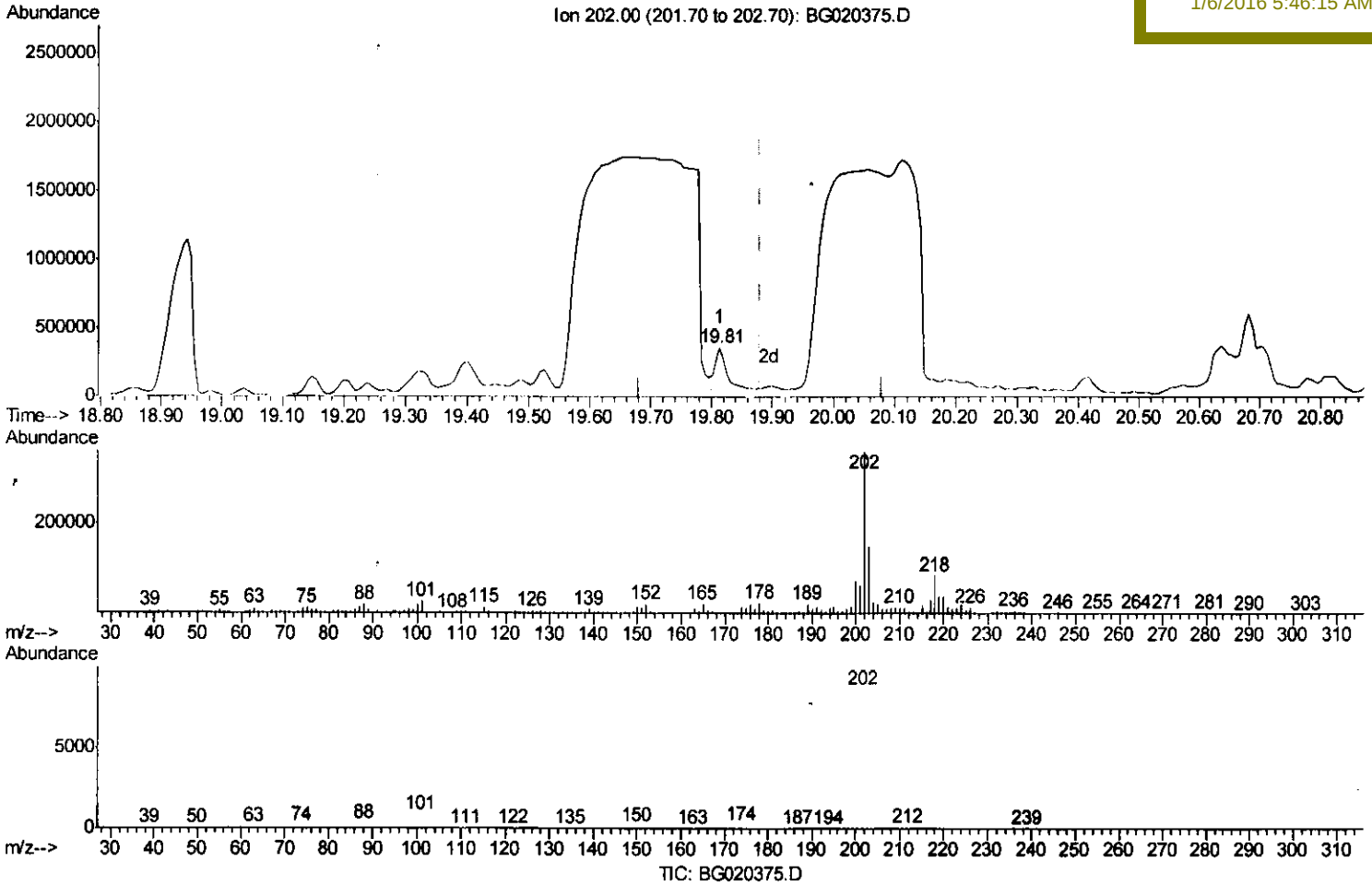
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122015\
 Data File : BG020375.D
 Acq On : 21 Dec 2015 12:14
 Operator : UM/SJ
 Sample : G4848-05
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N51

Manual Integrations
 APPROVED

Sohil
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Quant Time: Dec 22 03:59:20 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



(80) Pyrene

19.812min (-0.067) 32.17ng/ul

response 389112

Ion	Exp%	Act%
202.00	100	100
101.00	8.70	7.44
100.00	8.00	5.28#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG122015\
Data File : BG020375.D
Acq On : 21 Dec 2015 12:14
Operator : UM/SJ
Sample : G4848-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N51

Manual Integrations
APPROVED

Sohil
1/6/2016 5:46:15 AM

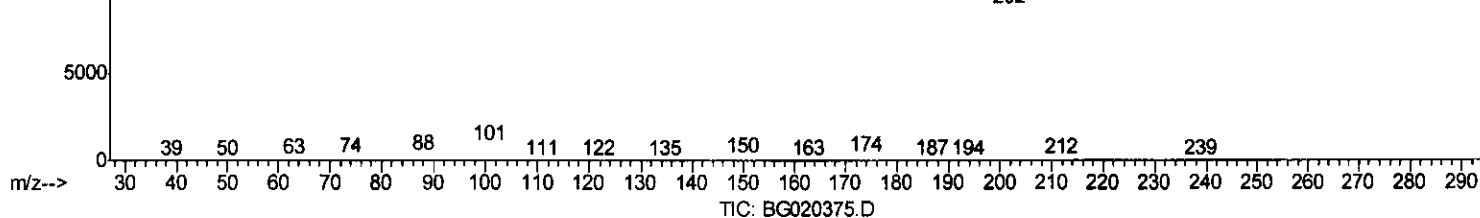
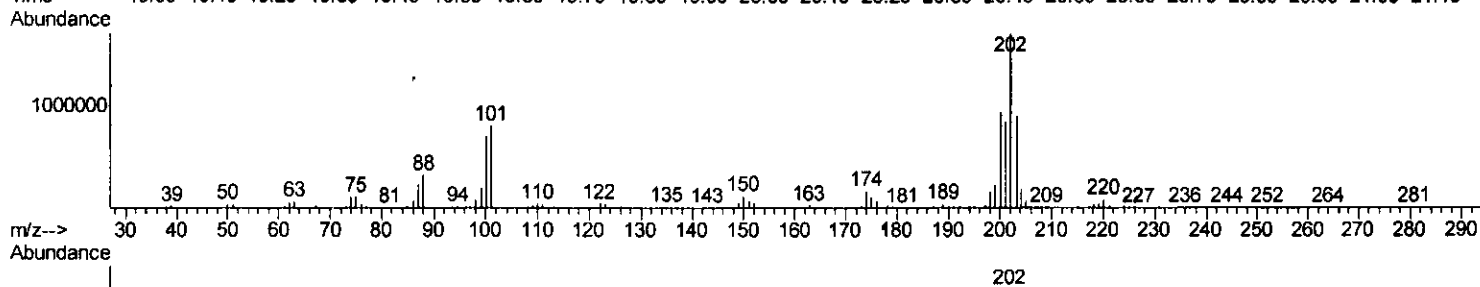
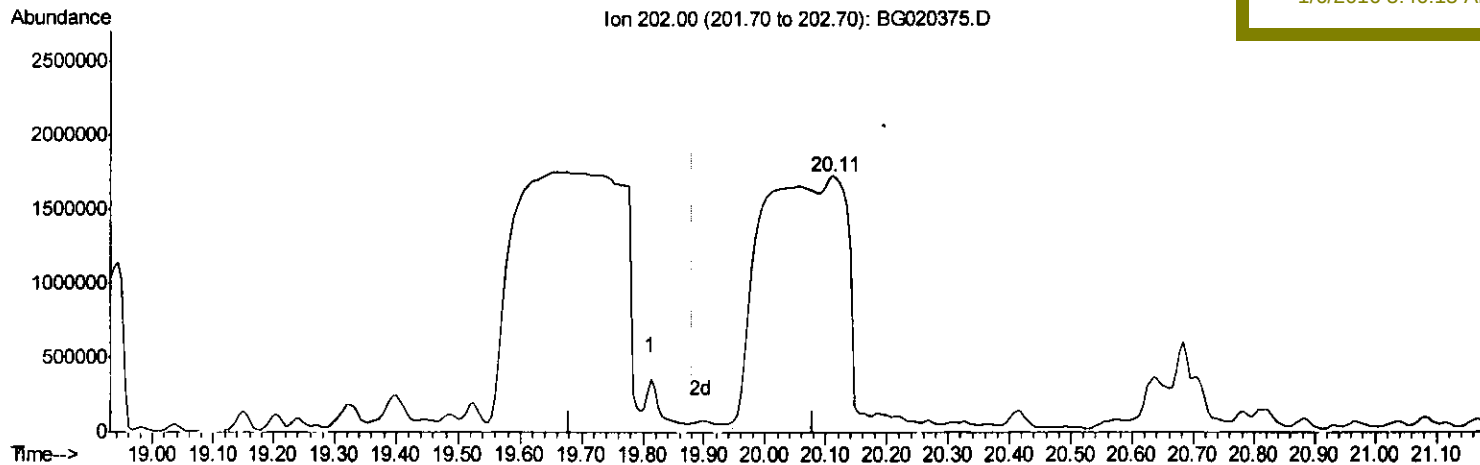
Quant Time: Dec 22 03:59:20 2015

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



(80) Pyrene

20.112min (+0.232) 1373.66ng/ul m U.M

response 16612569

Ion	Exp%	Act%
202.00	100	100
101.00	8.70	47.19#
100.00	8.00	41.11#
0.00	0.00	0.00

Quantitation Report (Qedit)

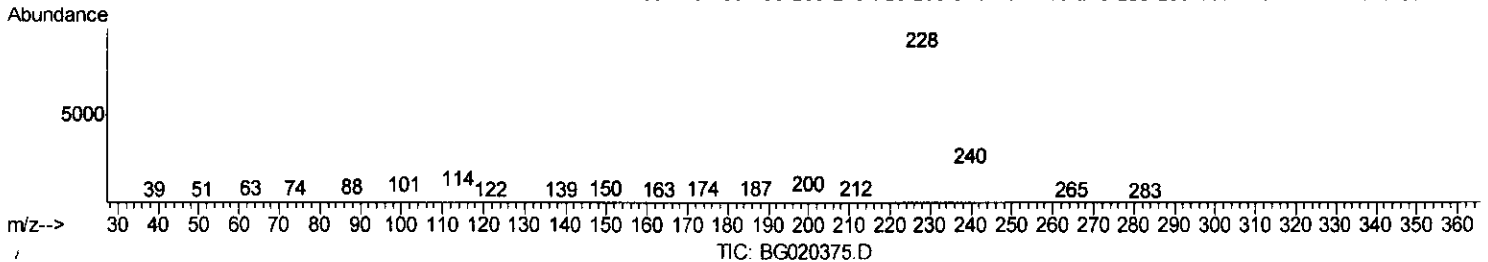
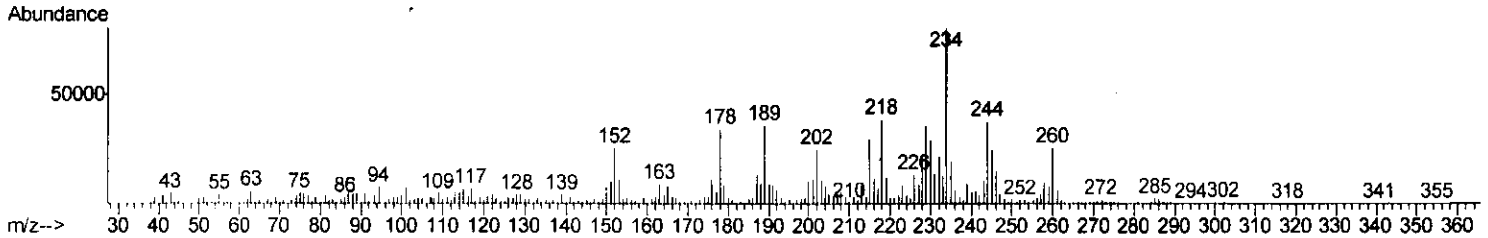
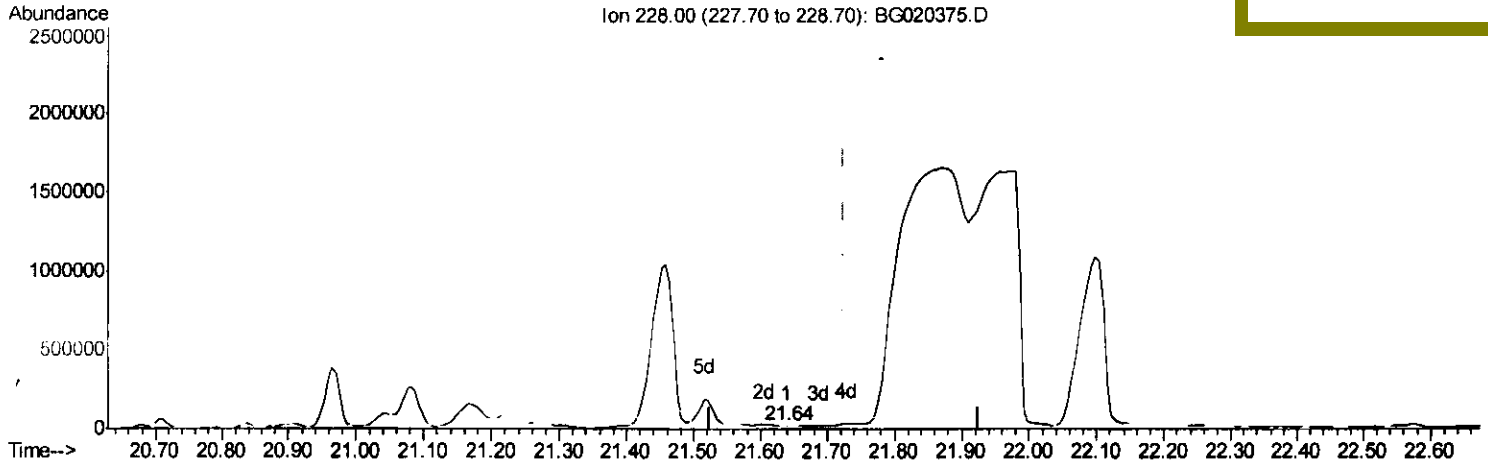
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122015\
 Data File : BG020375.D
 Acq On : 21 Dec 2015 12:14
 Operator :
 Sample : G4848-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N51

Quant Time: Dec 22 03:59:20 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

Manual Integrations
 APPROVED

Sohil
 1/6/2016 5:46:15 AM



(83) Benzo(a)anthracene
 21.640min (-0.085) 0.22ng/ul
 response 2571

Ion	Exp%	Act%
228.00	100	100
229.00	19.80	160.26#
226.00	27.20	60.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

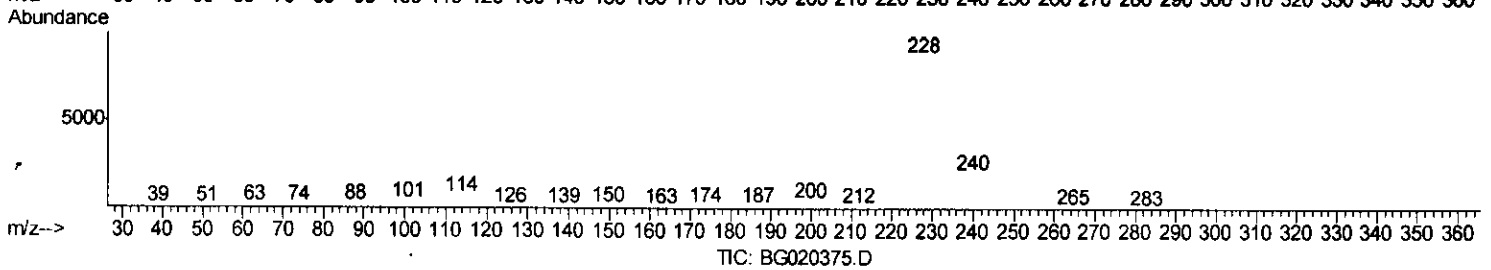
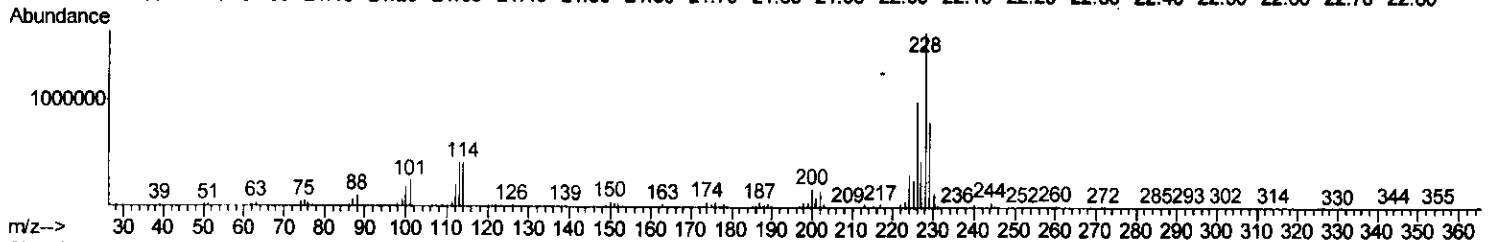
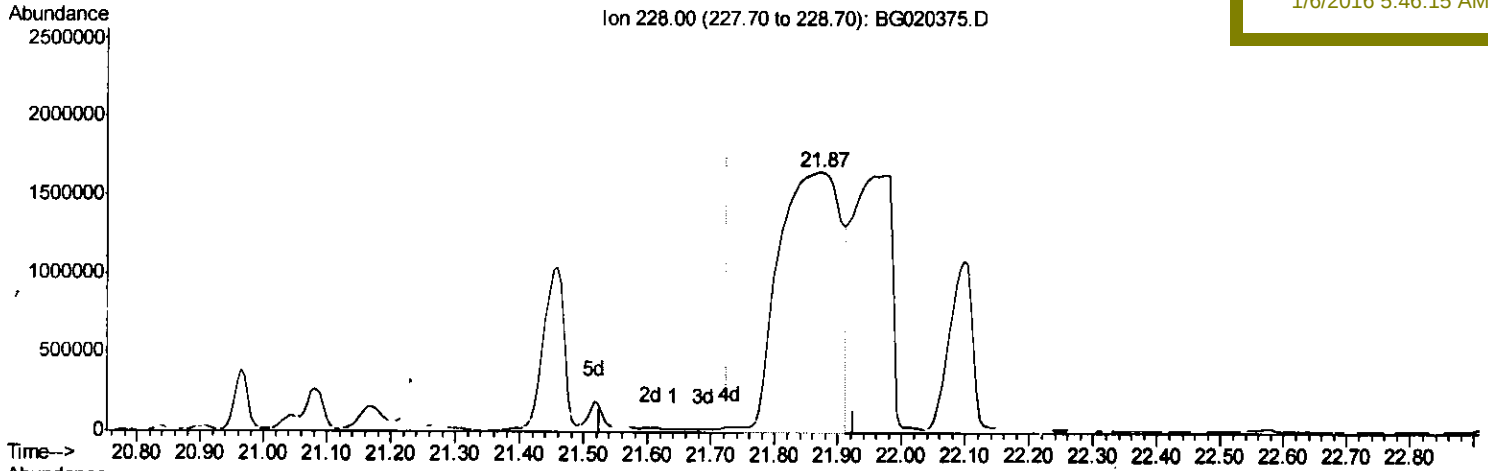
Data Path : Z:\HPCHEM1\BNA_G\Data\BG1220375\
 Data File : BG020375.D
 Acq On : 21 Dec 2015 12:14
 Operator : UM/SJ
 Sample : G4848-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N51

Quant Time: Dec 22 03:59:20 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

Manual Integrations
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Sohil
 1/6/2016 5:46:15 AM



(83) Benzo(a)anthracene

21.875min (+0.150) 950.19ng/ul m U-M

response 11078444

12/23/15

Ion	Exp%	Act%
228.00	100	100
229.00	19.80	48.96#
226.00	27.20	60.52#
0.00	0.00	0.00

Quantitation Report (Qedit)

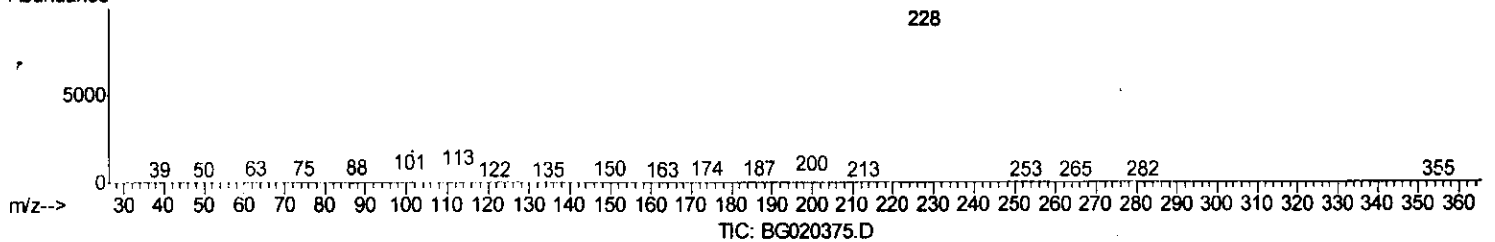
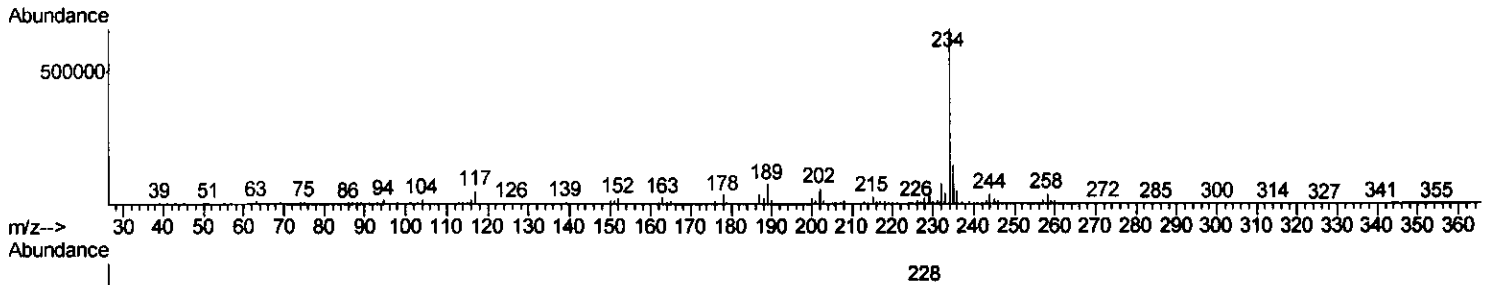
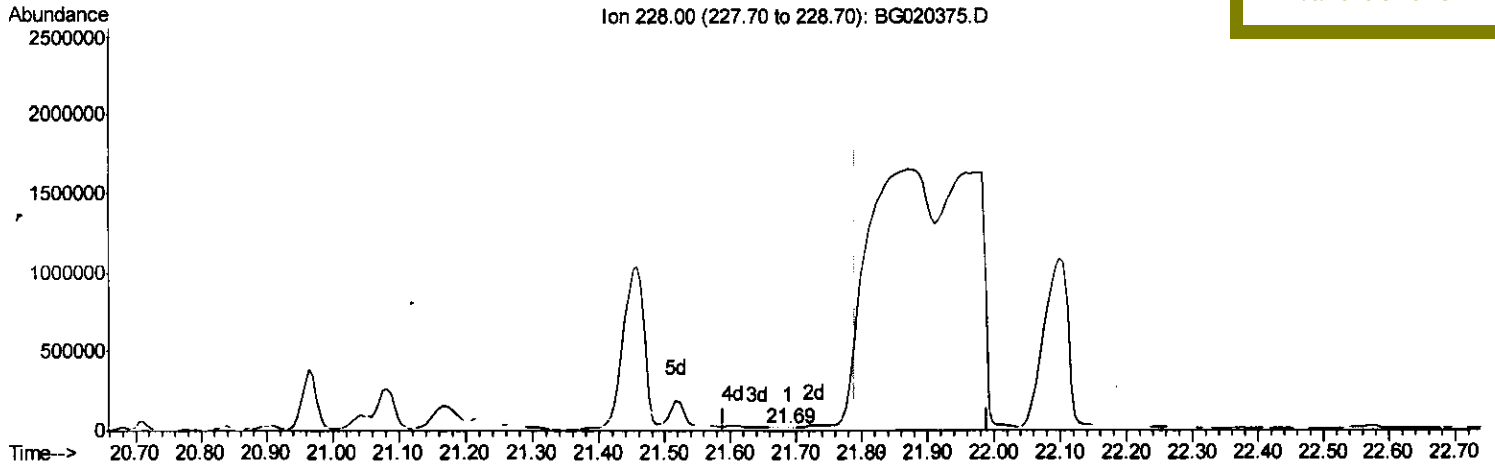
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122015\
 Data File : BG020375.D
 Acq On : 21 Dec 2015 12:14
 Operator : UM/SJ
 Sample : G4848-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N51

Quant Time: Dec 22 03:59:20 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

Manual Integrations
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(85) Chrysene

21.687min (-0.103) 0.32ng/ul

response 3514

Ion	Exp%	Act%
228.00	100	100
226.00	29.90	58.77#
229.00	19.50	141.92#
0.00	0.00	0.00

Quantitation Report (Qedit)

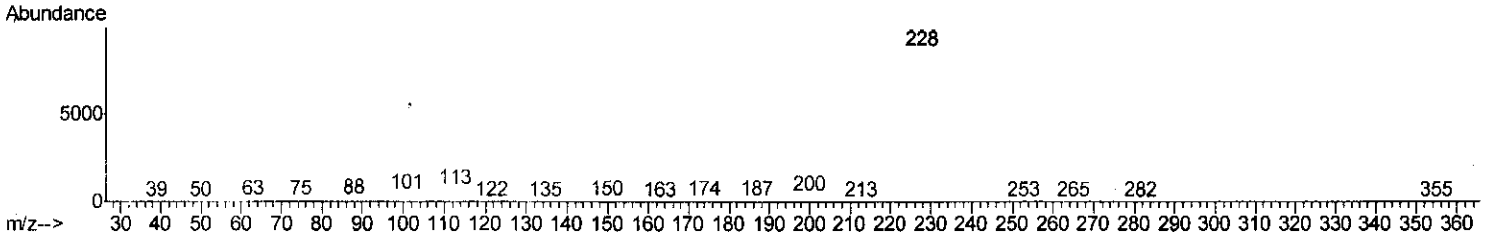
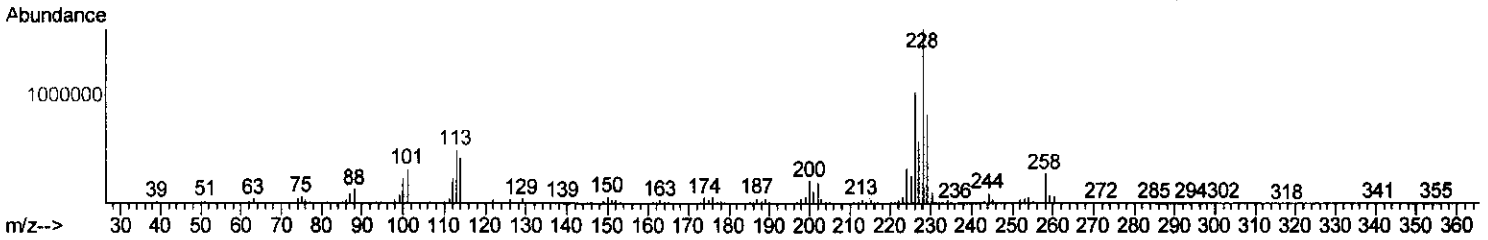
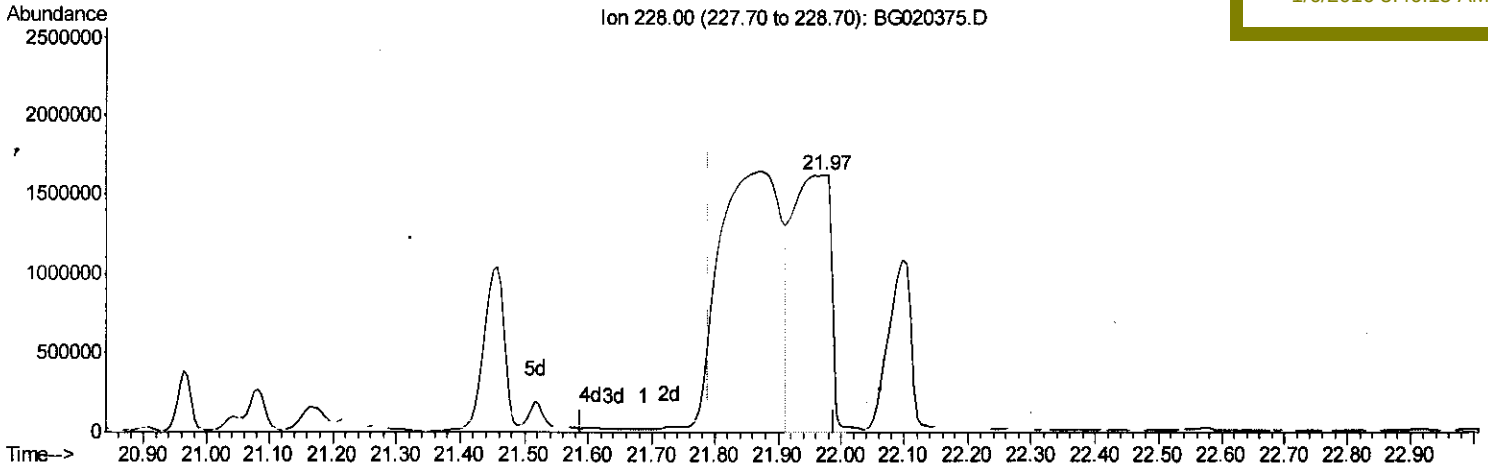
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122015\
 Data File : BG020375.D
 Acq On : 21 Dec 2015 12:14
 Operator : UM/SJ
 Sample : G4848-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 D9N51

Quant Time: Dec 22 03:59:20 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

Manual Integrations
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Sohil
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TIC: BG020375.D.

(85) Chrysene

21.975min (+0.185) 633.16ng/ul m U.M
 response 6952517 12/23/15

Ion	Exp%	Act%
228.00	100	100
226.00	29.90	63.96#
229.00	19.50	50.37#
0.00	0.00	0.00

Quantitation Report (Qedit)

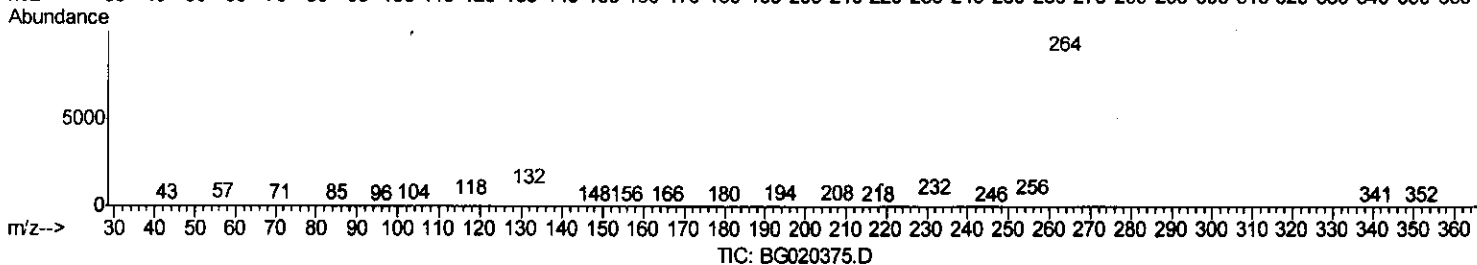
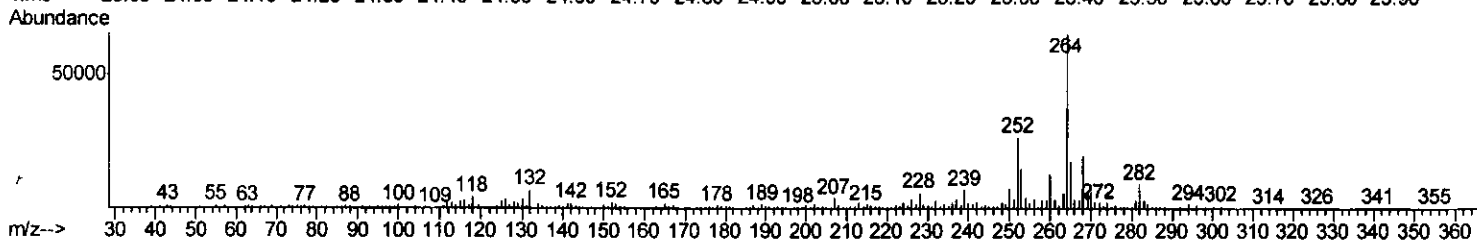
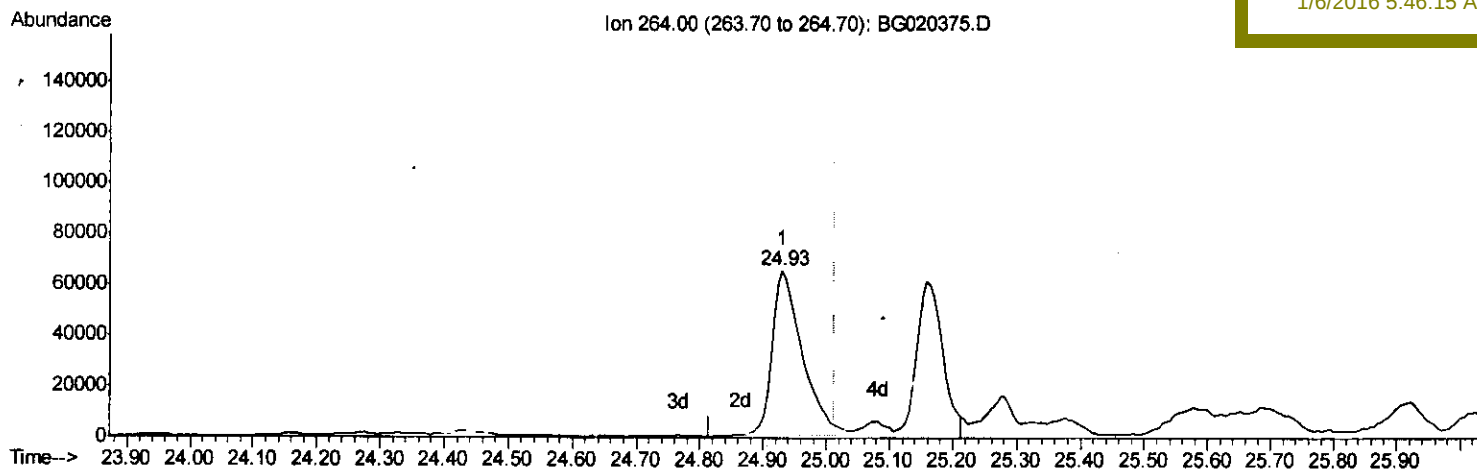
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122015\
 Data File : BG020375.D
 Acq On : 21 Dec 2015 12:14
 Operator : UM/SJ
 Sample : G4848-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N51

Quant Time: Dec 22 03:59:20 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

Manual Integrations
 APPROVED

Sohil
 1/6/2016 5:46:15 AM



(86) Perylene-d12 (I)

24.930min (-0.085) 20.00ng/ul

response 212048

Ion	Exp%	Act%
264.00	100	100
260.00	22.70	20.16
265.00	23.30	26.71
0.00	0.00	0.00

Quantitation Report (Qedit)

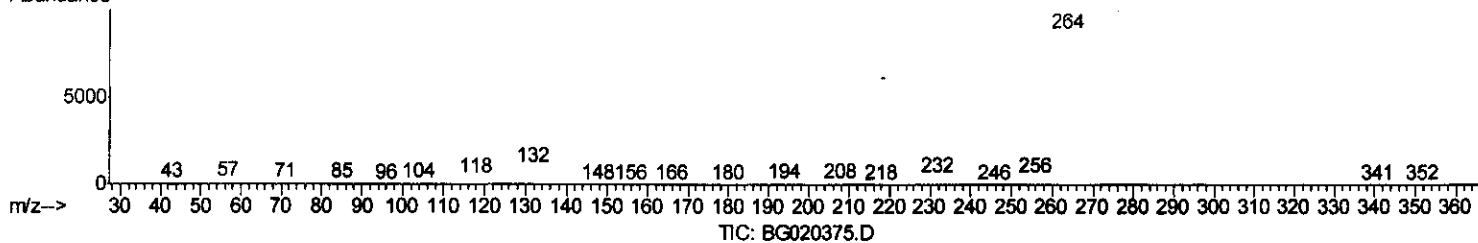
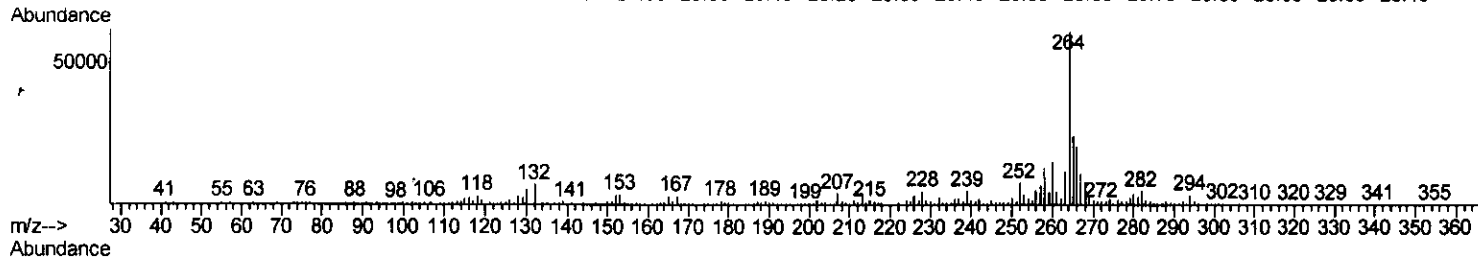
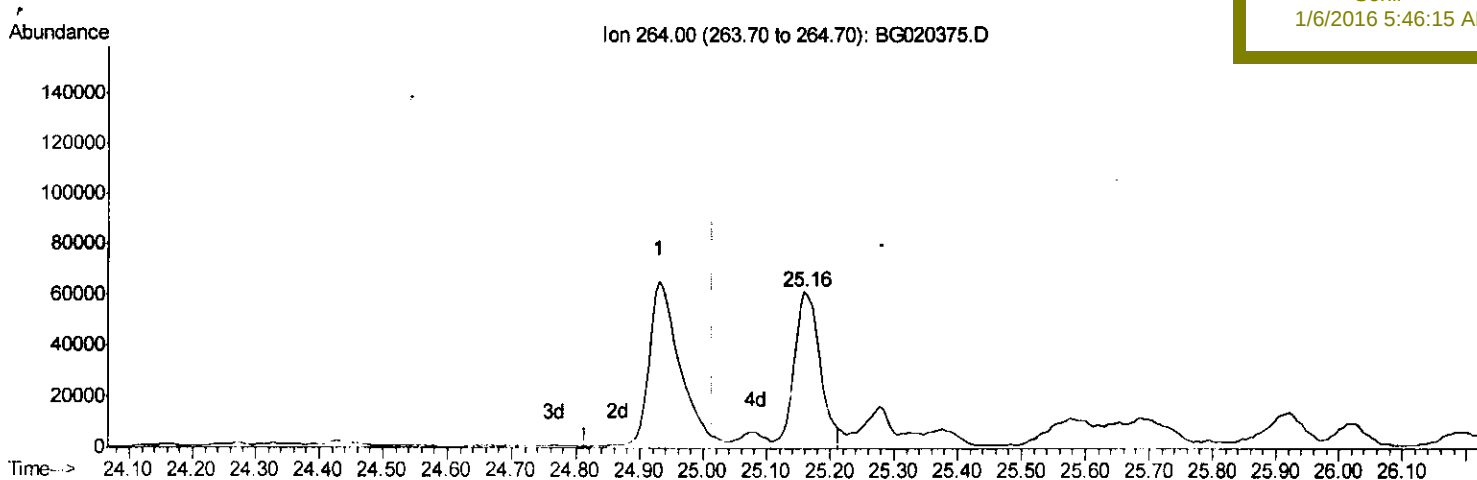
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122015\
 Data File : BG020375.D
 Acq On : 21 Dec 2015 12:14
 Operator : UM/SJ
 Sample : G4848-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N51

Quant Time: Dec 22 03:59:20 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

Manual Integrations
 APPROVED

Sohil
 1/6/2016 5:46:15 AM



(86) Perylene-d12 (I)

25.159min (+0.144) 20.00ng/ul m U.M
 response 177059 12/23/15

Ion	Exp%	Act%
264.00	100	100
260.00	22.70	25.05
265.00	23.30	39.96#
0.00	0.00	0.00

Quantitation Report (Qedit)

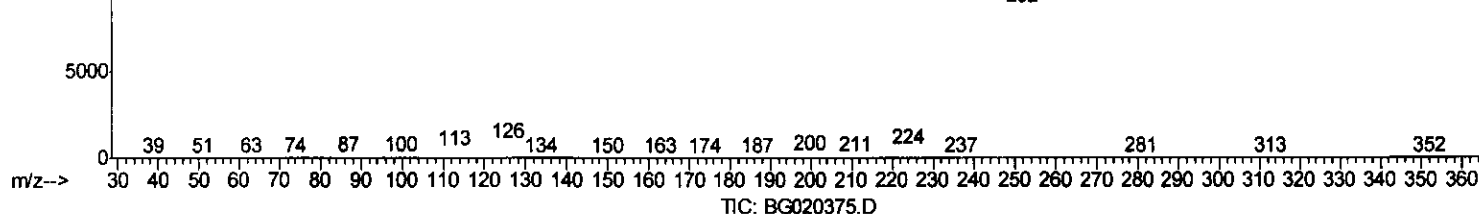
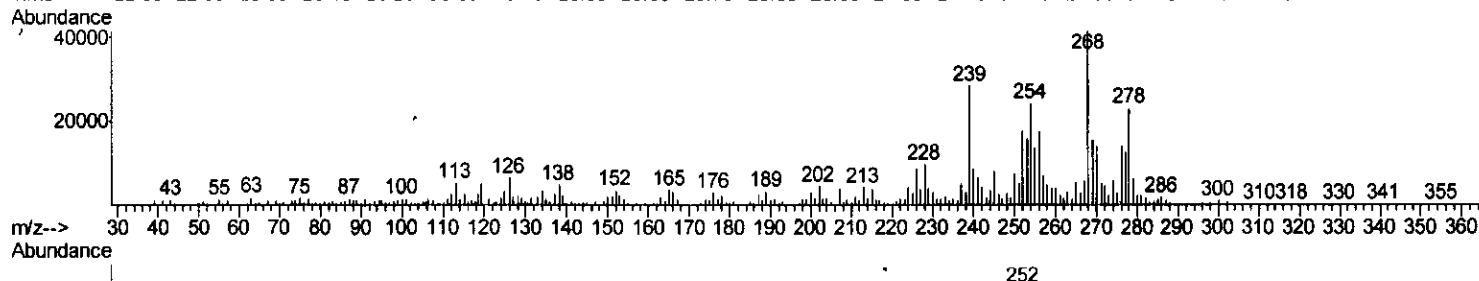
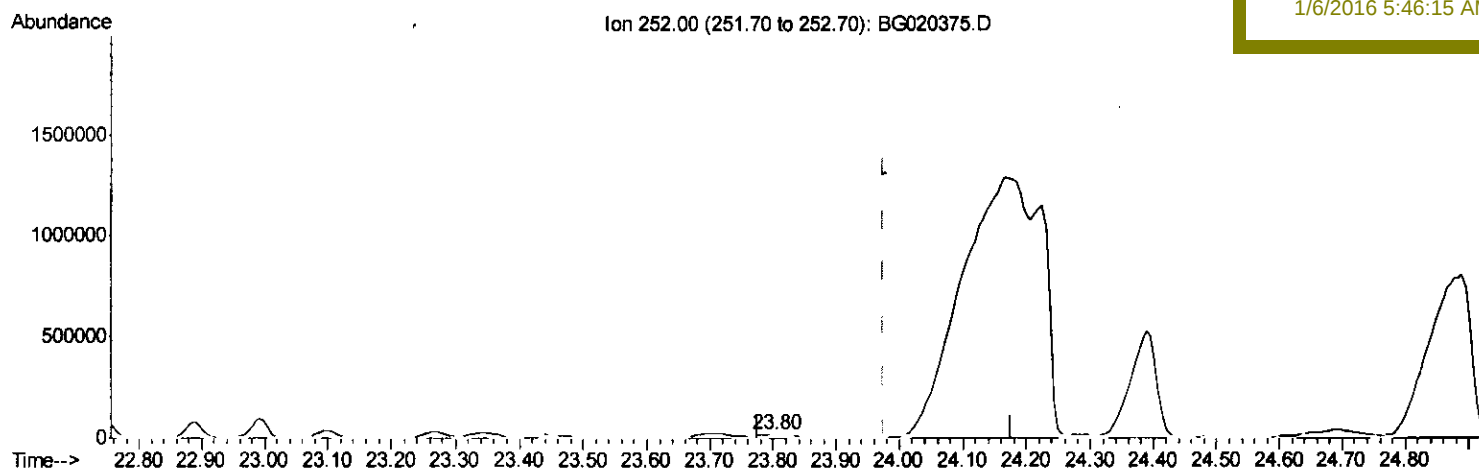
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122015\
 Data File : BG020375.D
 Acq On : 21 Dec 2015 12:14
 Operator : UM/SJ
 Sample : G4848-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N51

Quant Time: Dec 22 04:01:42 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

Manual Integrations
 APPROVED

Sohil
 1/6/2016 5:46:15 AM



(88) Benzo(b)fluoranthene

23.802min (-0.173) 4.79ng/ul

response 51028

Ion	Exp%	Act%
252.00	100	100
253.00	20.90	89.45#
125.00	7.70	20.19#
0.00	0.00	0.00

Quantitation Report (Qedit)

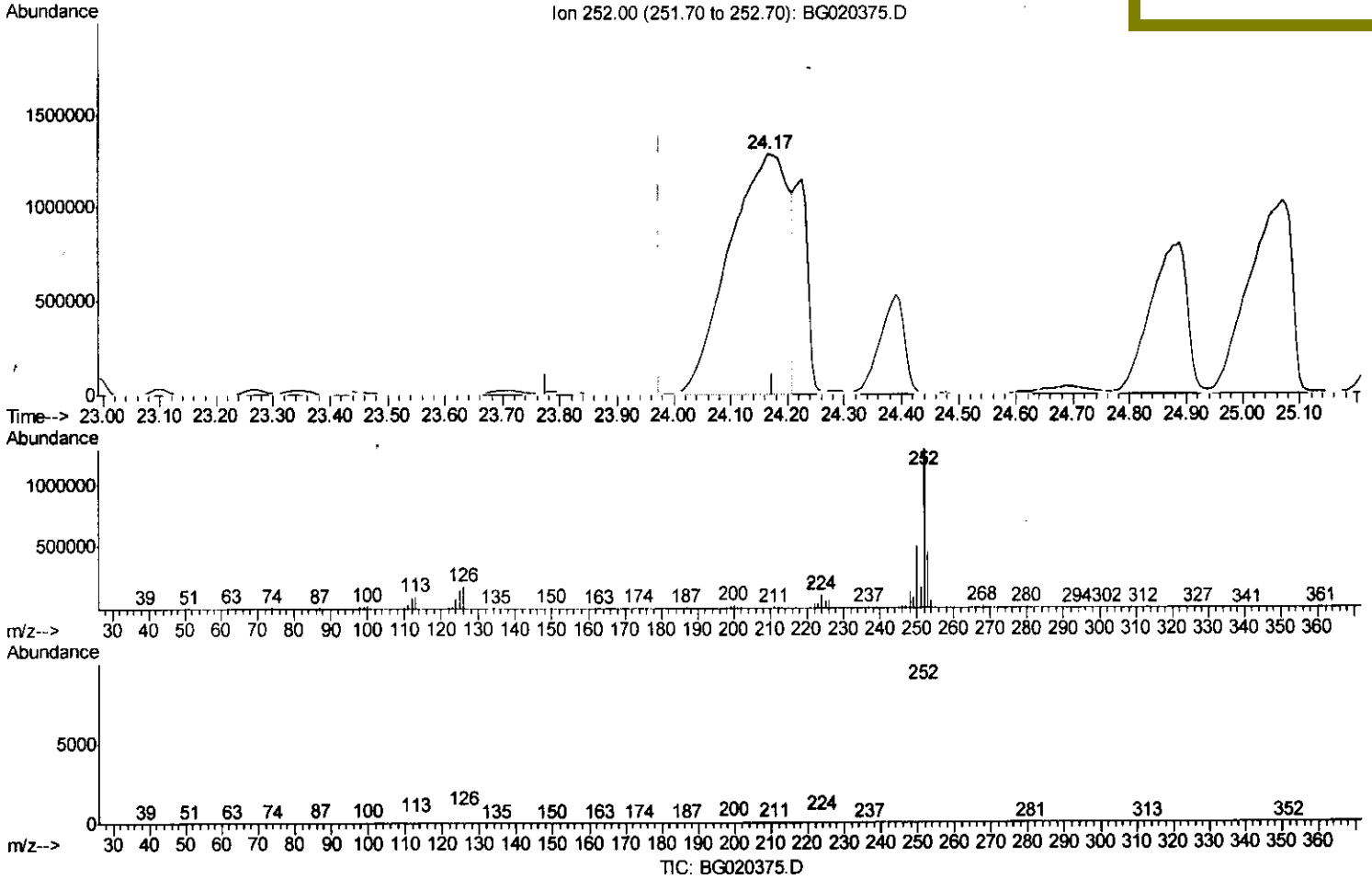
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122015\
 Data File : BG020375.D
 Acq On : 21 Dec 2015 12:14
 Operator : UM/SJ
 Sample : C4848-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N51

Quant Time: Dec 22 04:01:42 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

Manual Integrations
 APPROVED

Sohil
 1/6/2016 5:46:15 AM



(88) Benzo(b)fluoranthene

24.166min (+0.191) 867.51ng/ul m U.M
 response 9244986 12/23/15

Ion	Exp%	Act%
252.00	100	100
253.00	20.90	34.51#
125.00	7.70	11.95#
0.00	0.00	0.00

Quantitation Report (Qedit)

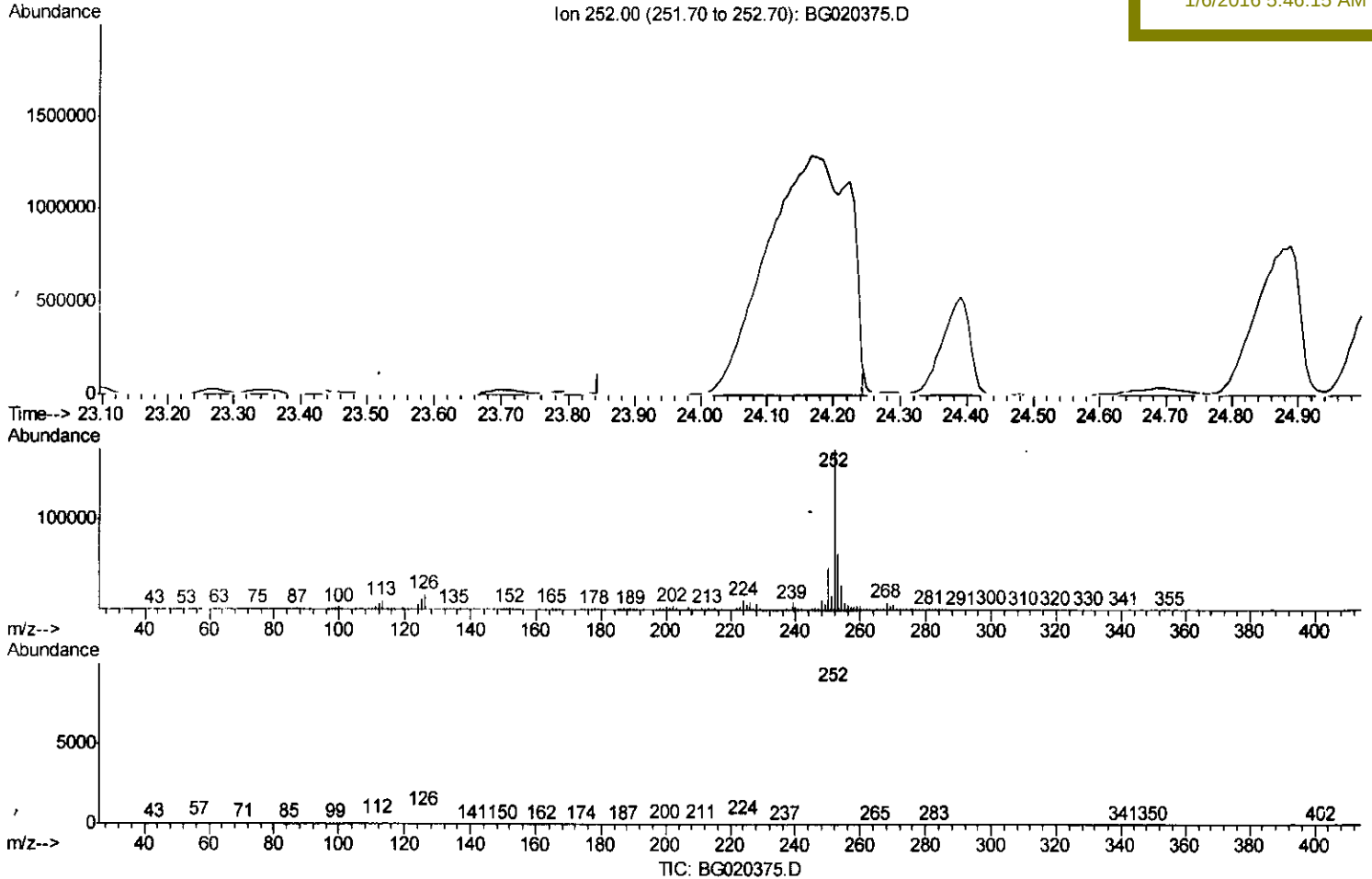
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122015\
 Data File : BG020375.D
 Acq On : 21 Dec 2015 12:14
 Operator : JN/SJ
 Sample : G4848-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N51

Quant Time: Dec 22 04:01:42 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

Manual Integrations
 APPROVED

Sohil
 1/6/2016 5:46:15 AM



(89) Benzo(k)fluoranthene

24.045min (-24.045) 0.00ng/ul

response 0

Ion	Exp%	Act%
252.00	100	0.00
253.00	22.40	0.00#
125.00	7.20	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

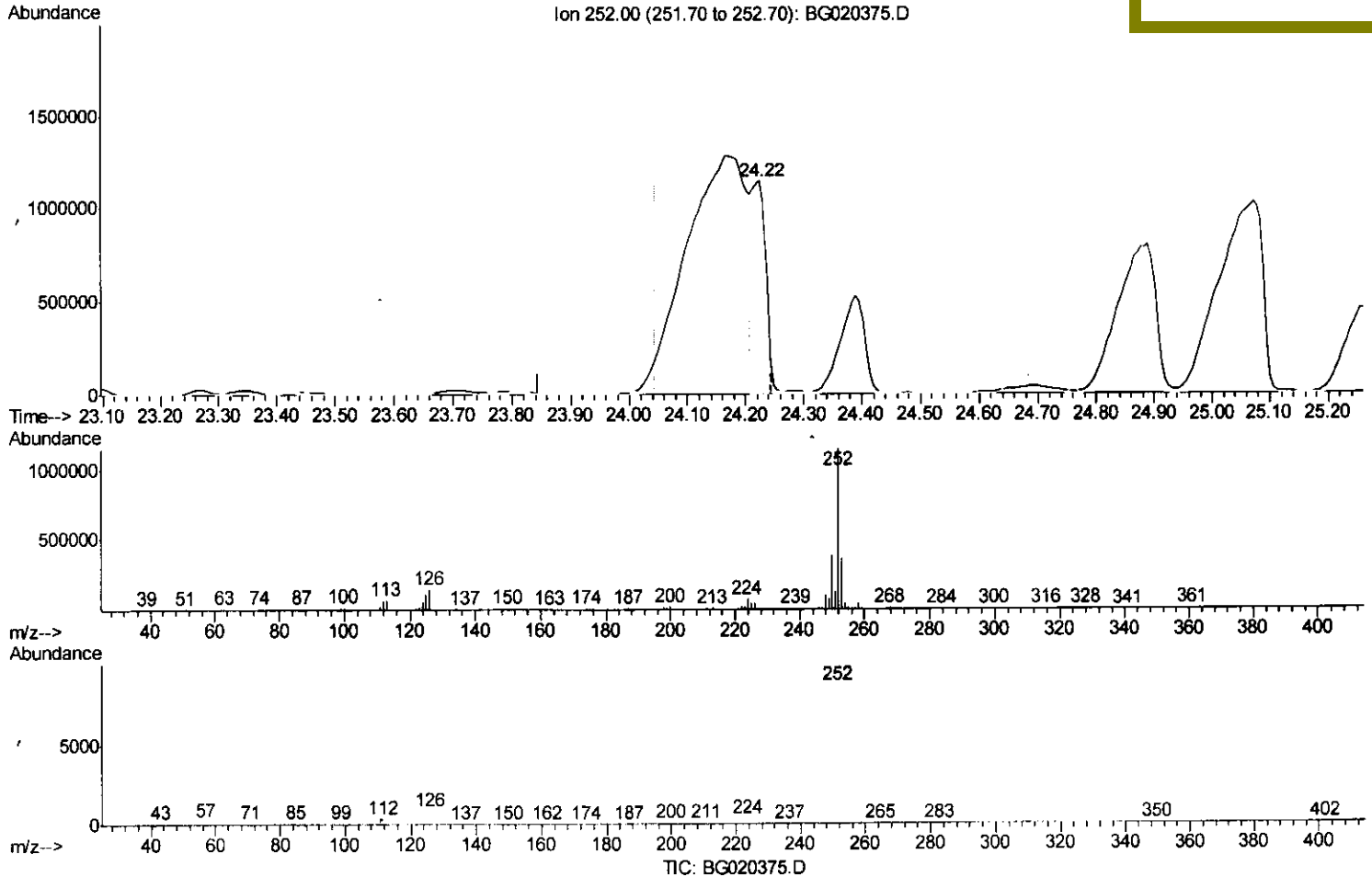
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122015\
 Data File : BG020375.D
 Acq On : 21 Dec 2015 12:14
 Operator : UM/SJ
 Sample : G4848-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N51

Quant Time: Dec 22 04:01:42 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

Manual Integrations
 APPROVED

Sohil
 1/6/2016 5:46:15 AM



(89) Benzo(k)fluoranthene

24.225min (+0.179) 182.95ng/ul m U.M
 response 1870933 12/23/15

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	31.38#
125.00	7.20	9.45#
0.00	0.00	0.00

Quantitation Report (Qedit)

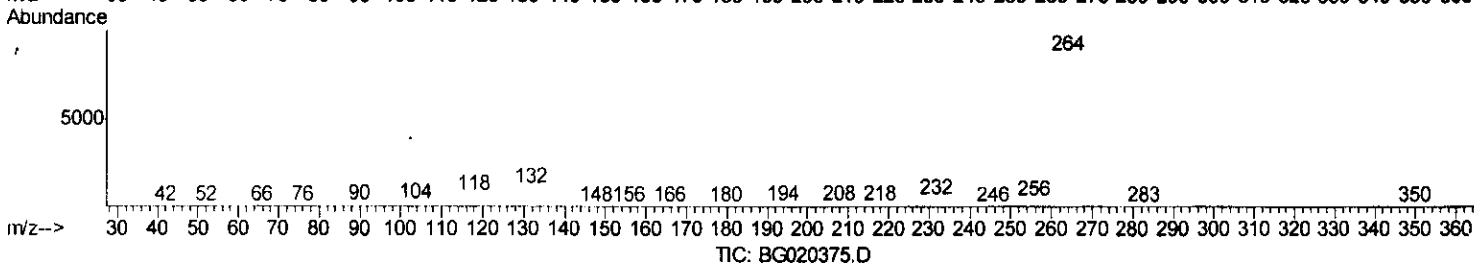
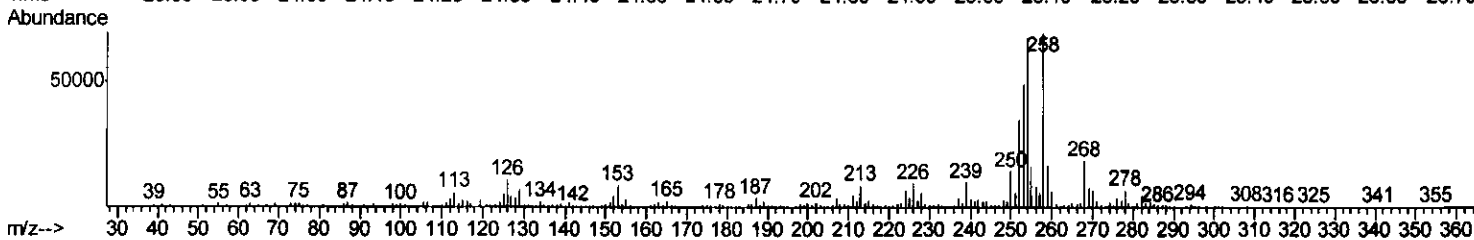
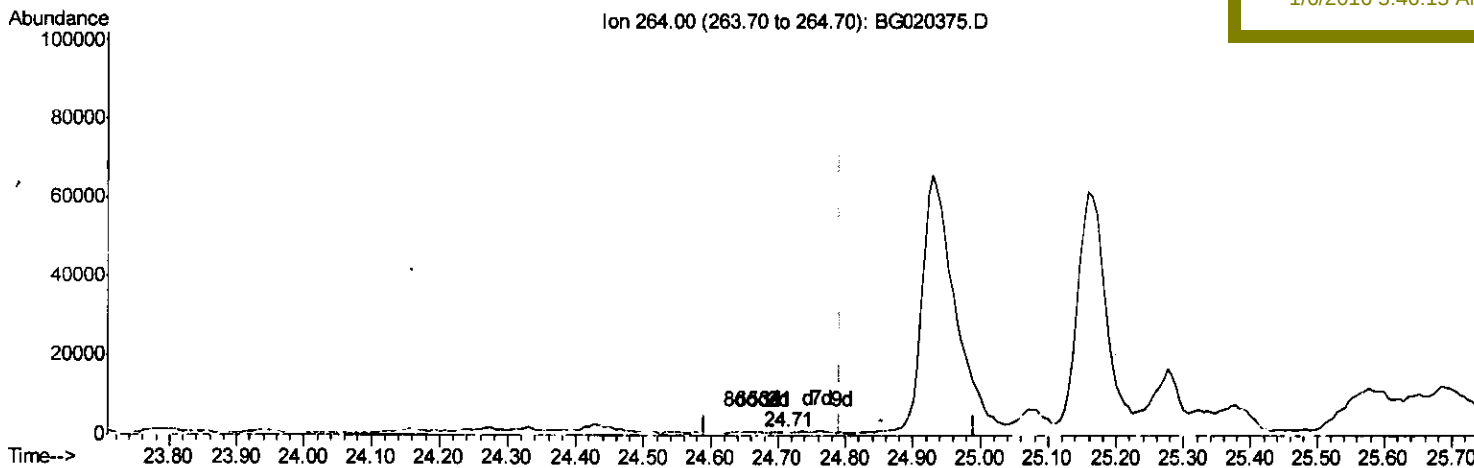
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122015\
 Data File : BG020375.D
 Acq On : 21 Dec 2015 12:14
 Operator : UM/SJ
 Sample : G4848-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N51

Quant Time: Dec 22 04:01:42 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

Manual Integrations
 APPROVED

Sohil
 1/6/2016 5:46:15 AM



(90) Benzo(a)pyrene-d12 (S)

24.712min (-0.079) 0.01ng/ul

response 56

Ion	Exp%	Act%
264.00	100	100
132.00	11.30	144.82#
118.00	6.70	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

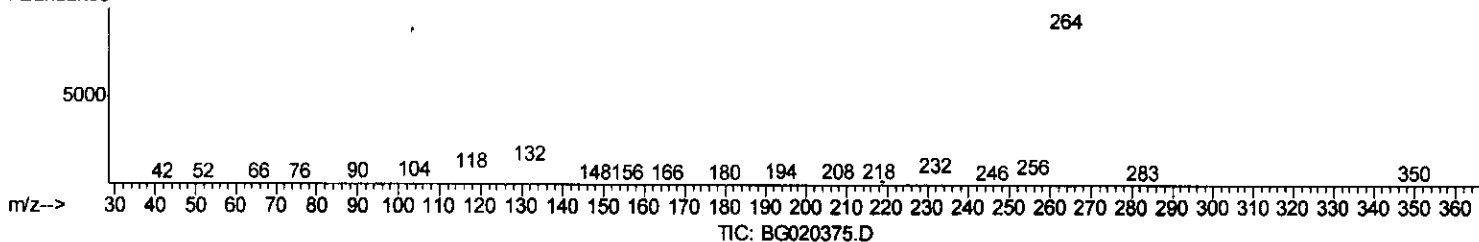
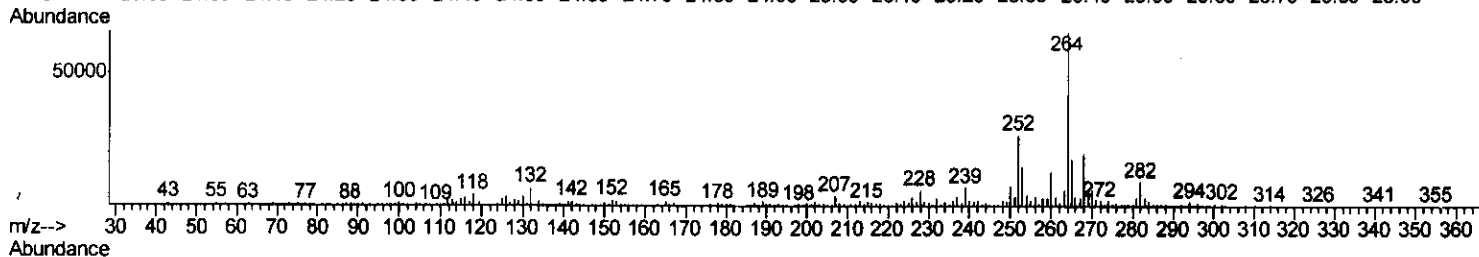
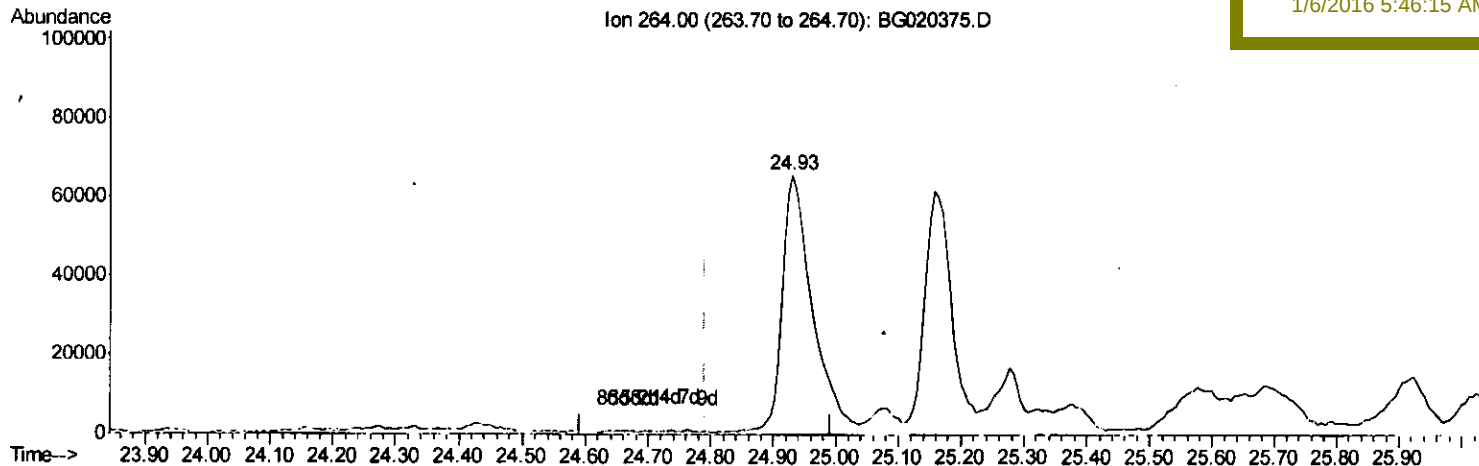
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122015\
 Data File : BG020375.D
 Acq On : 21 Dec 2015 12:14
 Operator : UM/SJ
 Sample : G4848-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N51

Quant Time: Dec 22 04:01:42 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

Manual Integrations
 APPROVED

Sohil
 1/6/2016 5:46:15 AM



(90) Benzo(a)pyrene-d12 (S)

24.930min (+0.138) 24.99ng/ul m *U.M*
 response 220725 *12/23/15*

Ion	Exp%	Act%
264.00	100	100
132.00	11.30	10.49
118.00	6.70	7.02
0.00	0.00	0.00

Quantitation Report (Qedit)

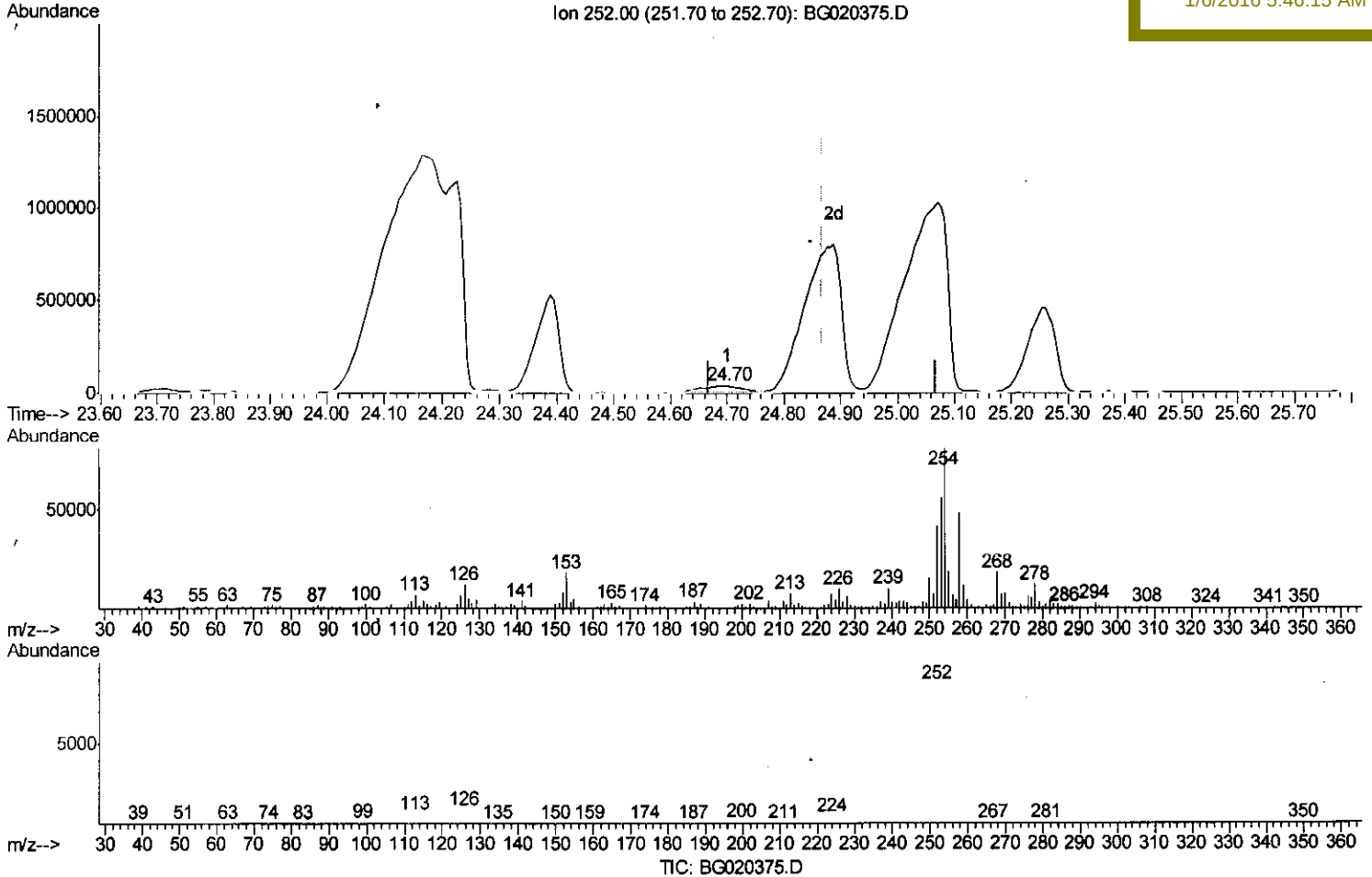
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122015\
 Data File : BG020375.D
 Acq On : 21 Dec 2015 12:14
 Operator : UM/SJ
 Sample : G4848-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N51

Manual Integrations
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Quant Time: Dec 22 04:01:42 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



(91) Benzo(a)pyrene (C)

24.701min (-0.167) 15.36ng/ul

response 155153

Ion	Exp%	Act%
252.00	100	100
253.00	21.20	134.40#
125.00	7.80	16.24#
0.00	0.00	0.00

Quantitation Report (Qedit)

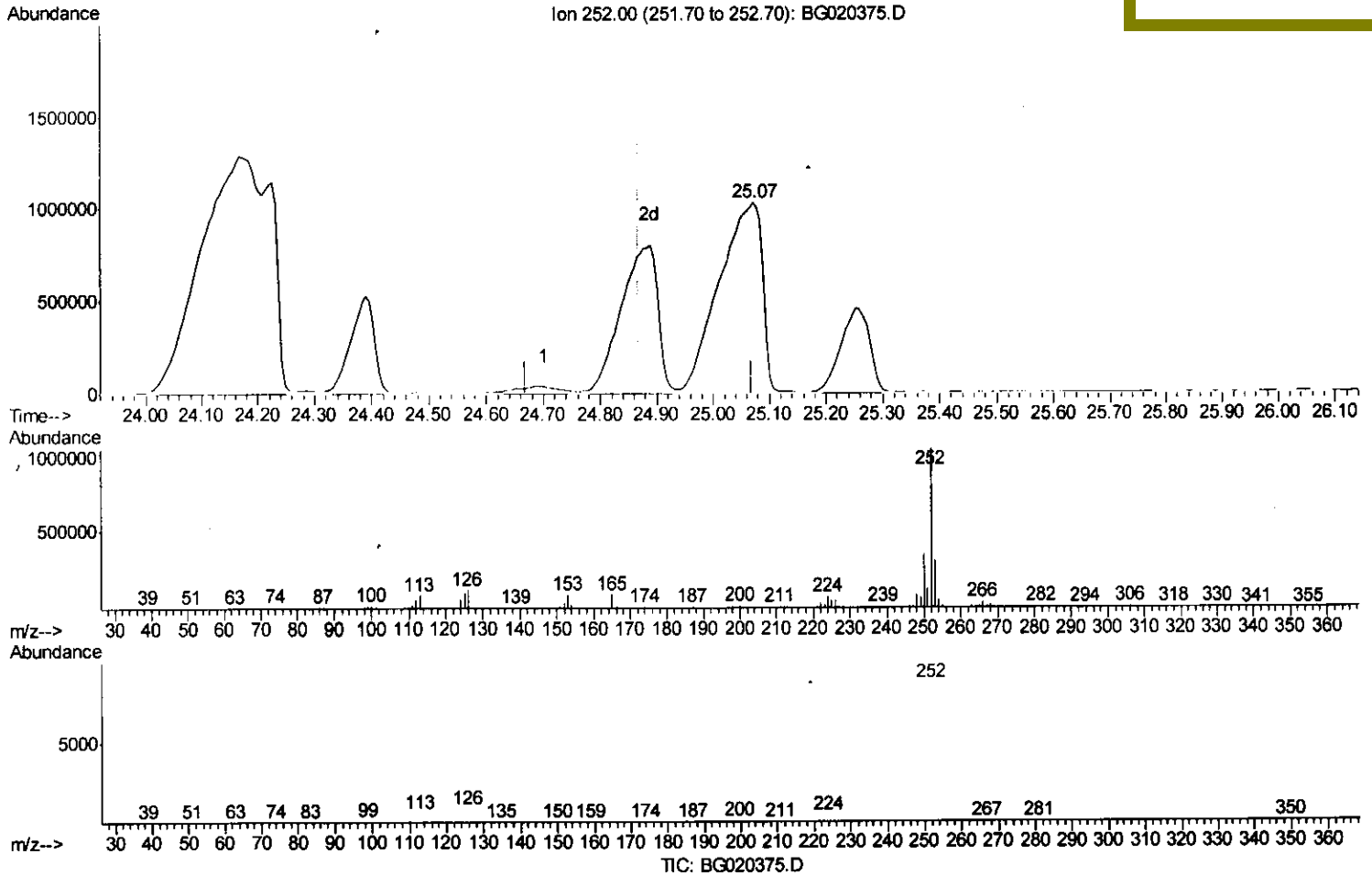
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122015\
 Data File : BG020375.D
 Acq On : 21 Dec 2015 12:14
 Operator : UM/SJ
 Sample : G4848-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N51

Quant Time: Dec 22 04:01:42 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

Manual Integrations
 APPROVED

Sohil
 1/6/2016 5:46:15 AM



(91) Benzo(a)pyrene (C)

25.071min (+0.203) 539.83ng/ul m U.M
 response 5453289 12/23/15

Ion	Exp%	Act%
252.00	100	100
253.00	21.20	29.41#
125.00	7.80	9.56#
0.00	0.00	0.00

Quantitation Report (Qedit)

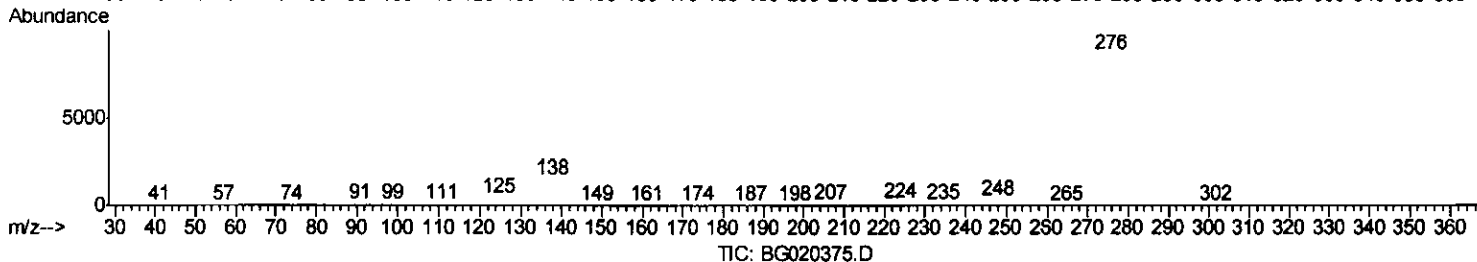
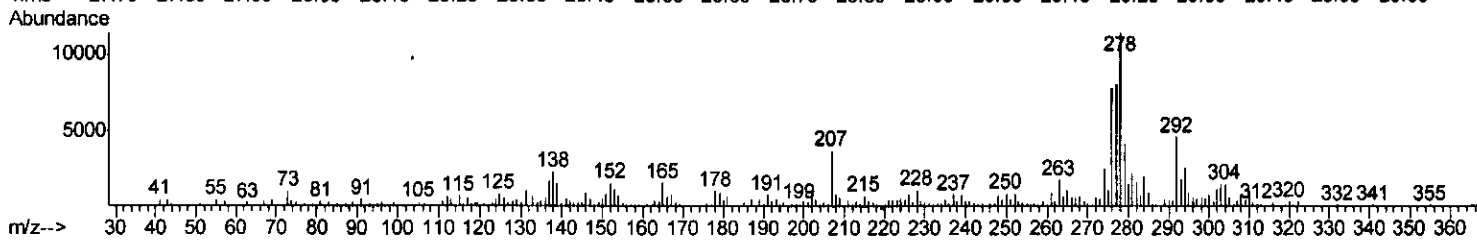
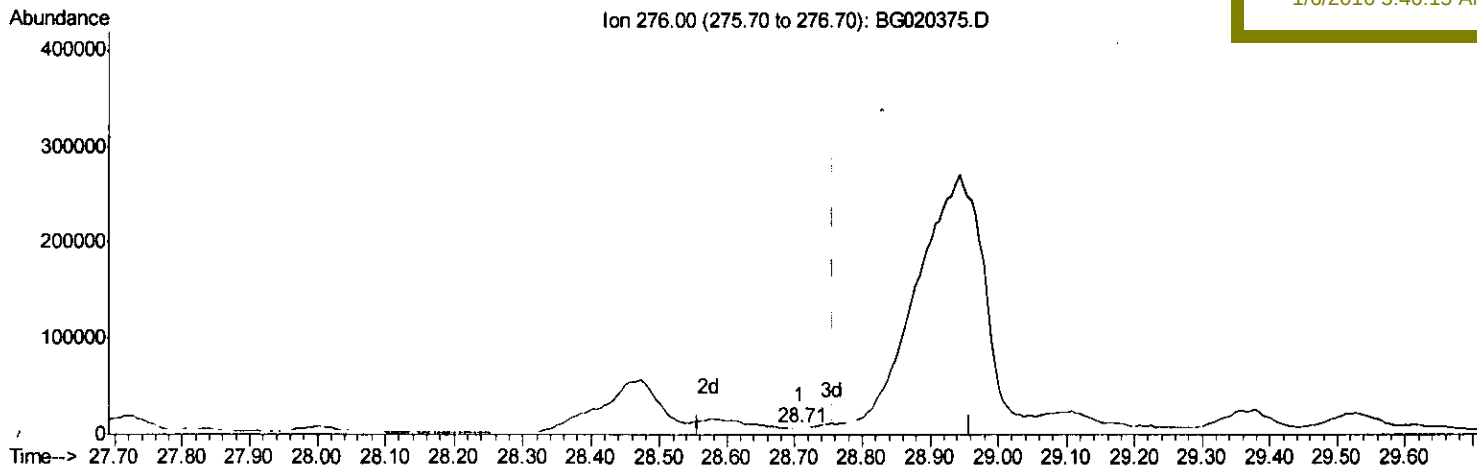
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122015\
 Data File : BG020375.D
 Acq On : 21 Dec 2015 12:14
 Operator : UM/SJ
 Sample : G4848-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N51

Quant Time: Dec 22 04:01:42 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

Manual Integrations
 APPROVED

Sohil
 1/6/2016 5:46:15 AM



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

28.708min (-0.050) 0.05ng/ul

response 660

Ion	Exp%	Act%
276.00	100	100
138.00	14.20	30.27#
277.00	21.70	102.81#
0.00	0.00	0.00

Quantitation Report (Qedit)

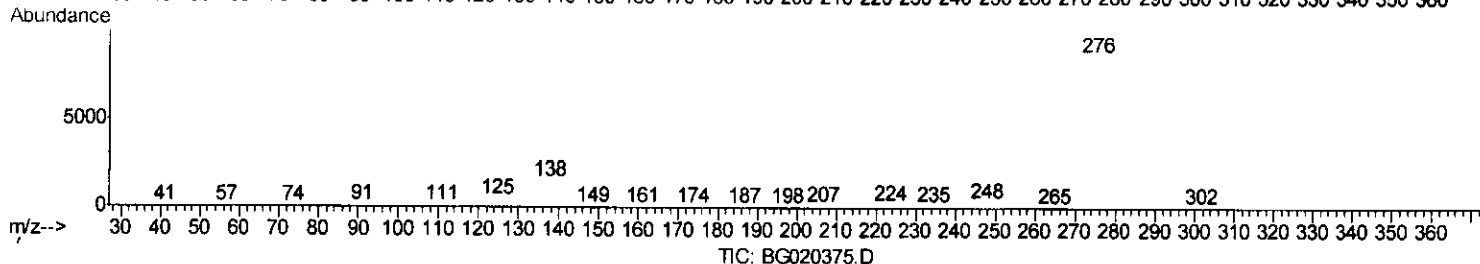
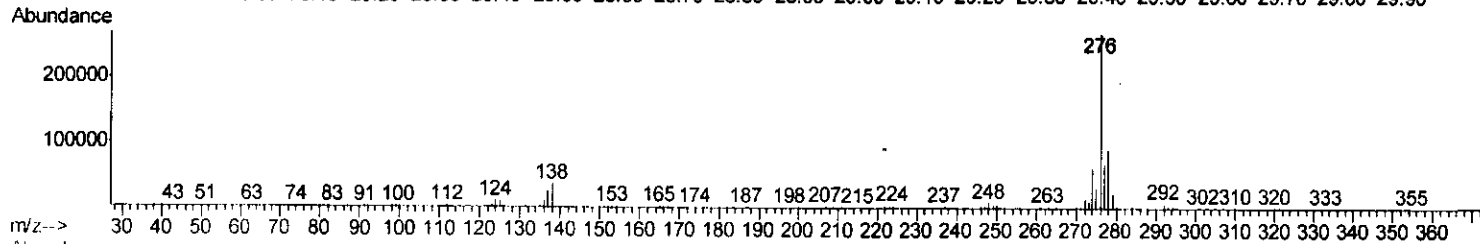
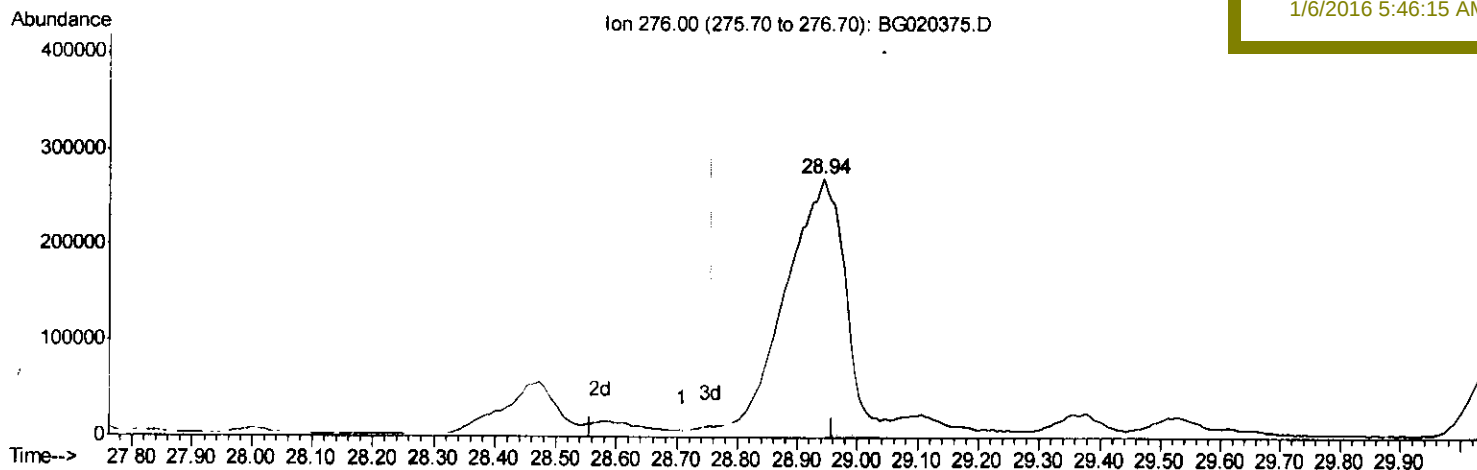
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122015\
Data File : BG020375.D
Acq On : 21 Dec 2015 12:14
Operator : UM/SJ
Sample : 04848-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Dec 22 04:01:42 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 :
D9N51

Manual Integrations
APPROVED

Sohil
1/6/2016 5:46:15 AM



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

28.943min (+0.185) 153.92ng/ul m U.M

response 1851654

12/23/15

Ion	Exp%	Act%
276.00	100	100
138.00	14.20	13.73
277.00	21.70	25.71
0.00	0.00	0.00

Quantitation Report (Qedit)

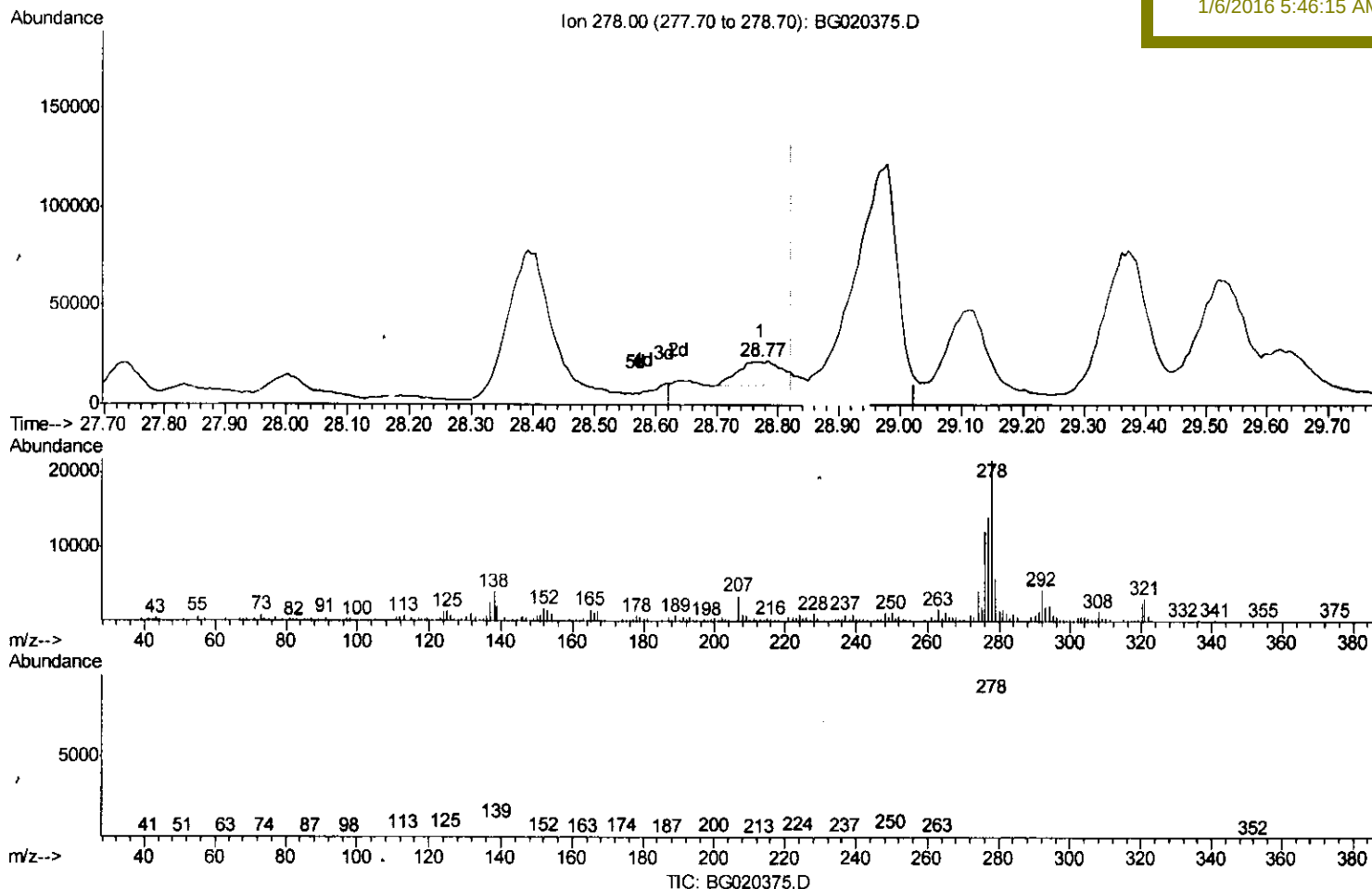
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122015\
Data File : BG020375.D
Acq On : 21 Dec 2015 12:14
Operator : UM/SJ
Sample : G4848-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Dec 22 04:01:42 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 :
D9N51

Manual Integrations
APPROVED

Sohil
1/6/2016 5:46:15 AM



(93) Dibenzo(a,h)anthracene

28.772min (-0.050) 3.81ng/ul

response 38026

Ion	Exp%	Act%
278.00	100	100
139.00	11.80	10.40
279.00	24.20	27.26
0.00	0.00	0.00

Quantitation Report (Qedit)

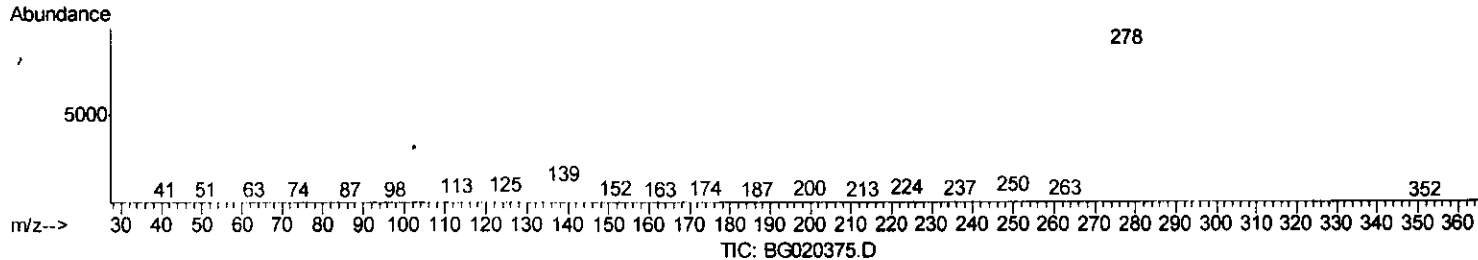
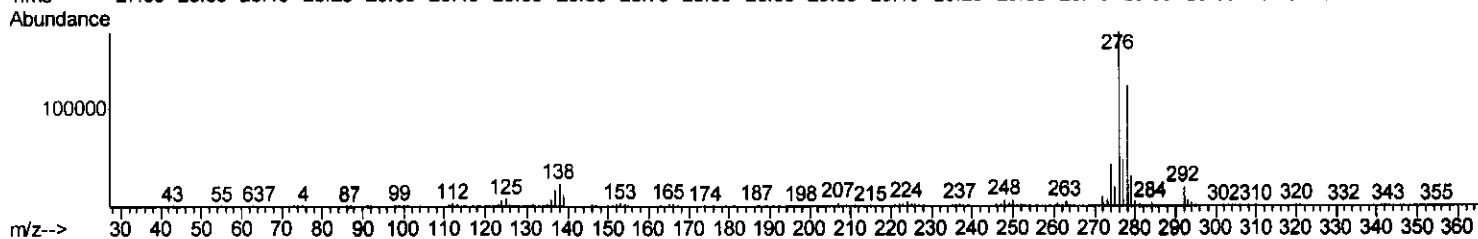
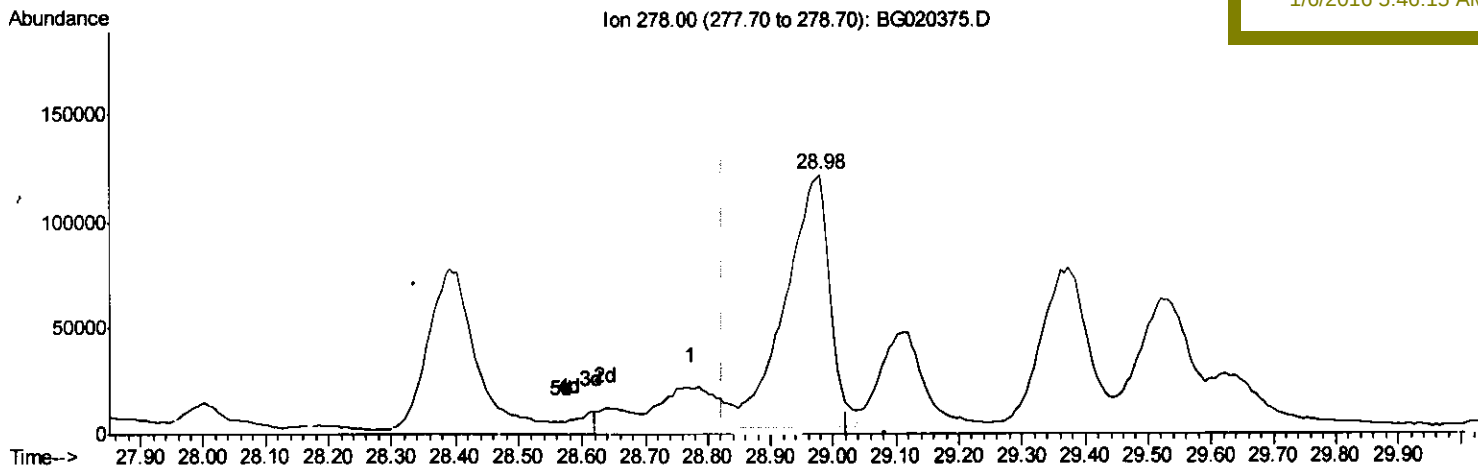
Data Path : Z:\HPCHEM1\BNA G\Data\BG122015\
 Data File : BG020375.D
 Acq On : 21 Dec 2015 12:14
 Operator : UM/SJ
 Sample : G4848-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N51

Quant Time: Dec 22 04:01:42 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

Manual Integrations
 APPROVED

Sohil
 1/6/2016 5:46:15 AM



(93) Dibenzo(a,h)anthracene

28.978min (+0.156) 58.35ng/ul m U.M

response 582646

Ion	Exp%	Act%
278.00	100	100
139.00	11.80	9.88
279.00	24.20	25.09
0.00	0.00	0.00

12/23/15

Quantitation Report (Qedit)

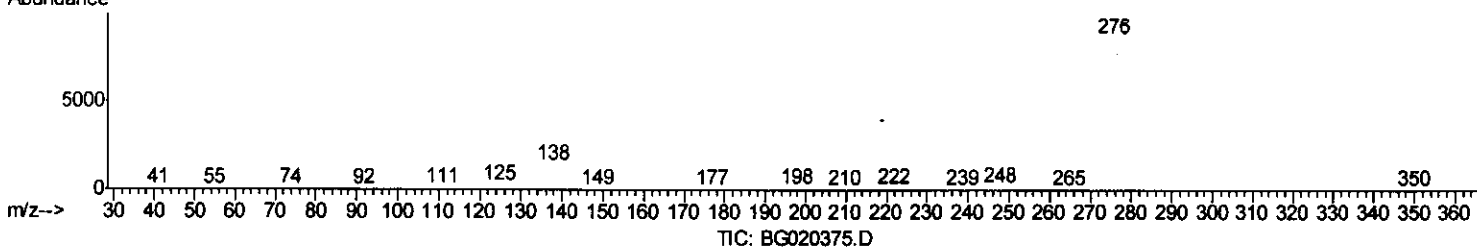
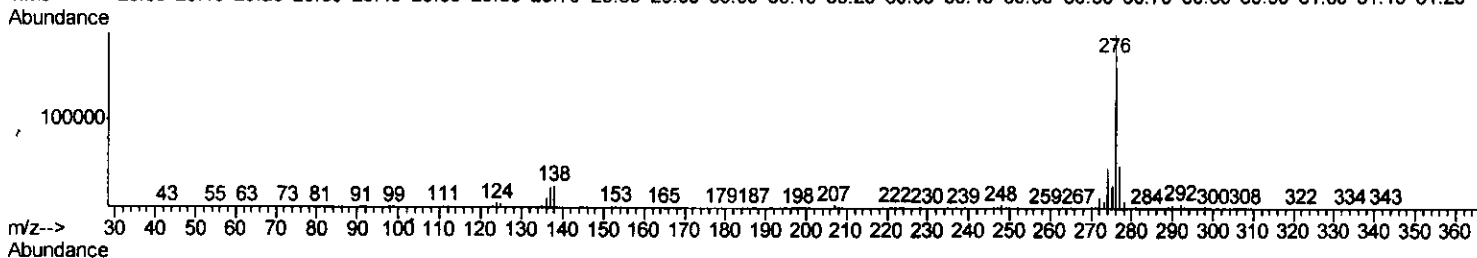
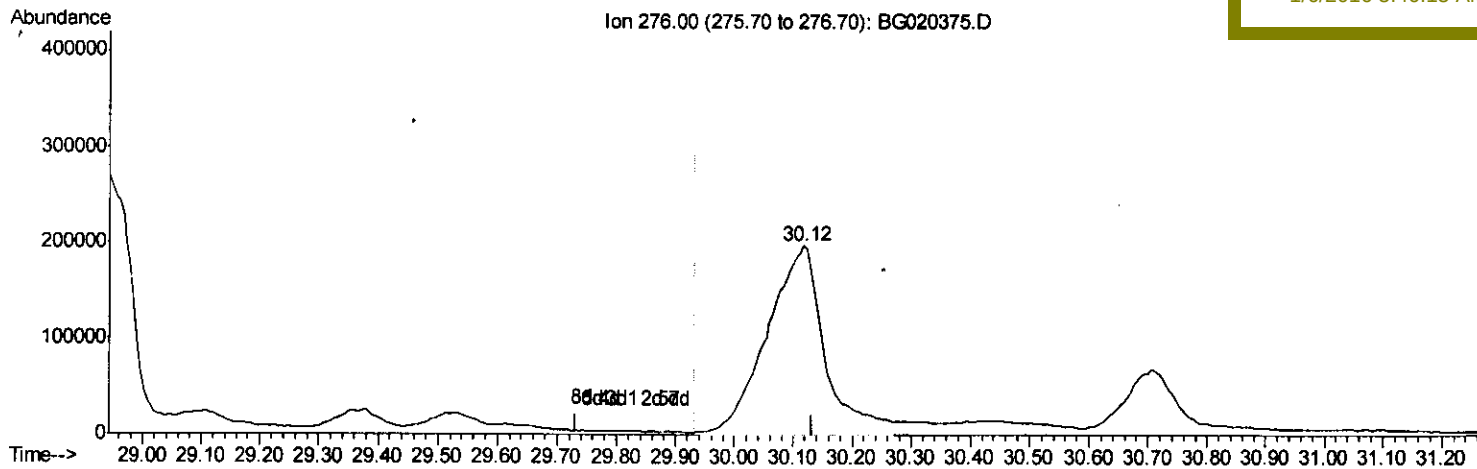
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122015\
 Data File : BG020375.D
 Acq On : 21 Dec 2015 12:14
 Operator : UM/SJ
 Sample : G4848-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N51

Quant Time: Dec 22 04:01:42 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

Manual Integrations
 APPROVED

Sohil
 1/6/2016 5:46:15 AM



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

30.118min (+0.185) 137.61ng/ul m U.M
 response 1357127 12/23/15

Ion	Exp%	Act%
276.00	100	100
138.00	13.50	12.69
277.00	24.90	24.57
0.00	0.00	0.00

Quantitation Report (Qedit)

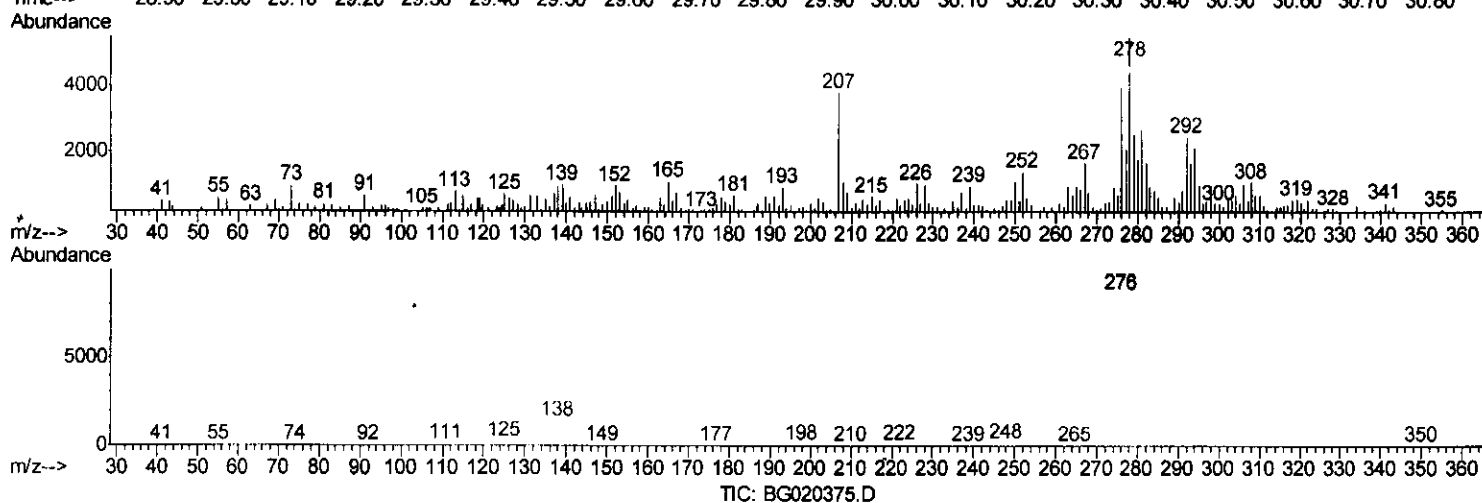
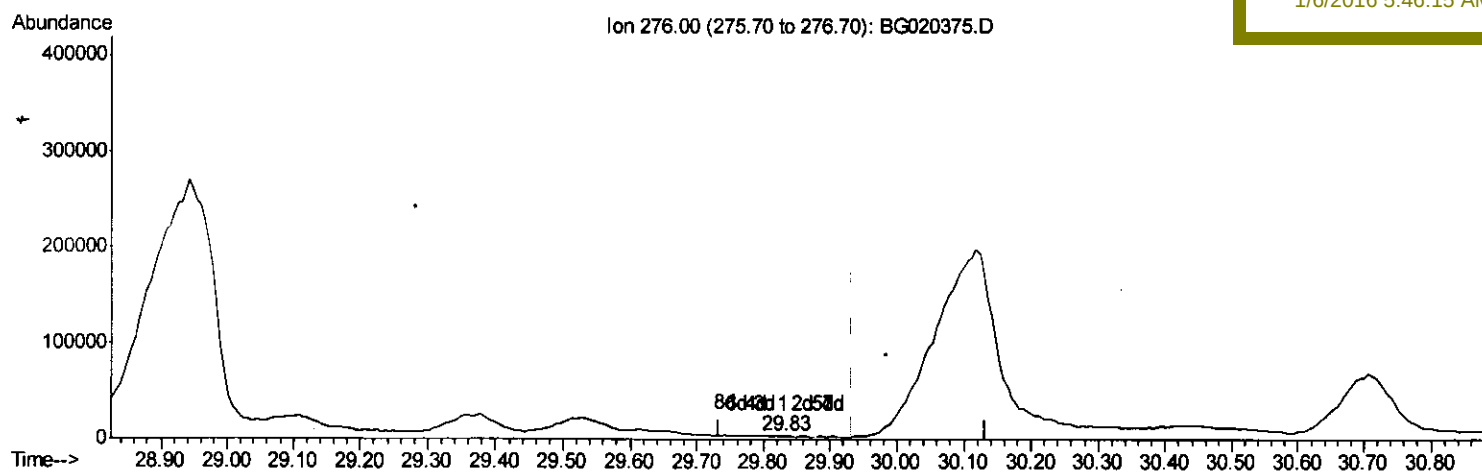
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122015\
 Data File : BG020375.D
 Acq On : 21 Dec 2015 12:14
 Operator : UM/SJ
 Sample : G4848-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 D9N51

Quant Time: Dec 22 04:01:42 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 Quant Update : Mon Dec 21 07:46:34 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Sohil
 1/6/2016 5:46:15 AM



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

29.830min (-0.103) 0.07ng/ul

response 642

Ion	Exp%	Act%
276.00	100	100
138.00	13.50	22.98#
277.00	24.90	53.26#
0.00	0.00	0.00