

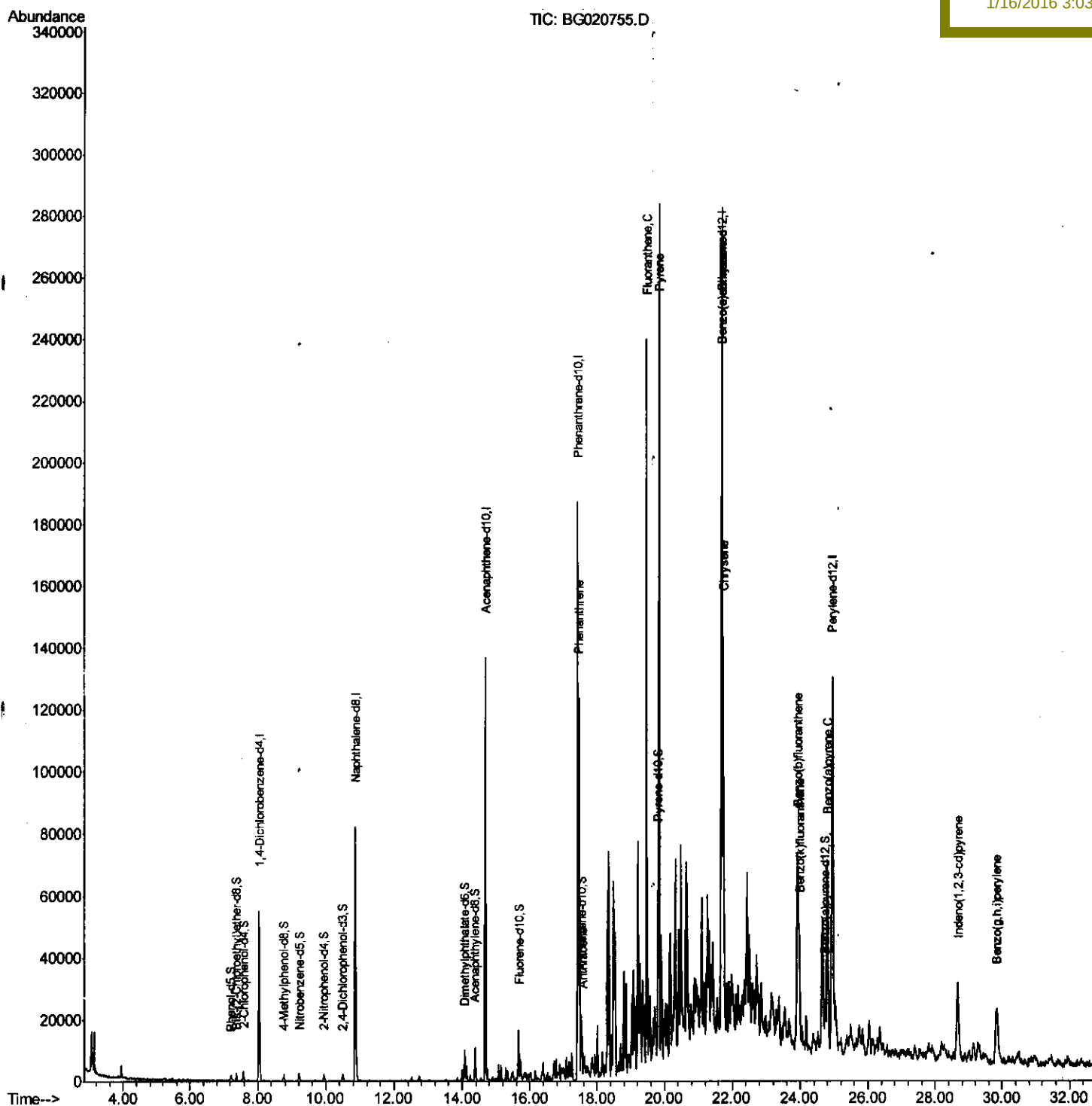
Data Path : Z:\HPCHEM1\BNA_G\Data\BG011516\
Data File : BG020755.D
Acq On : 15 Jan 2016 16:41
Operator : SJ/IZ
Sample : H1101-17 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jan 16 00:11:17 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 15 22:12:27 2016
Response via : Initial Calibration

Instrument :
BNA_G
Client Sampled :
BC9F8

Manual Integrations
APPROVED

Sohil
1/16/2016 3:03:22 AM



Quantitation Report (Qedit)

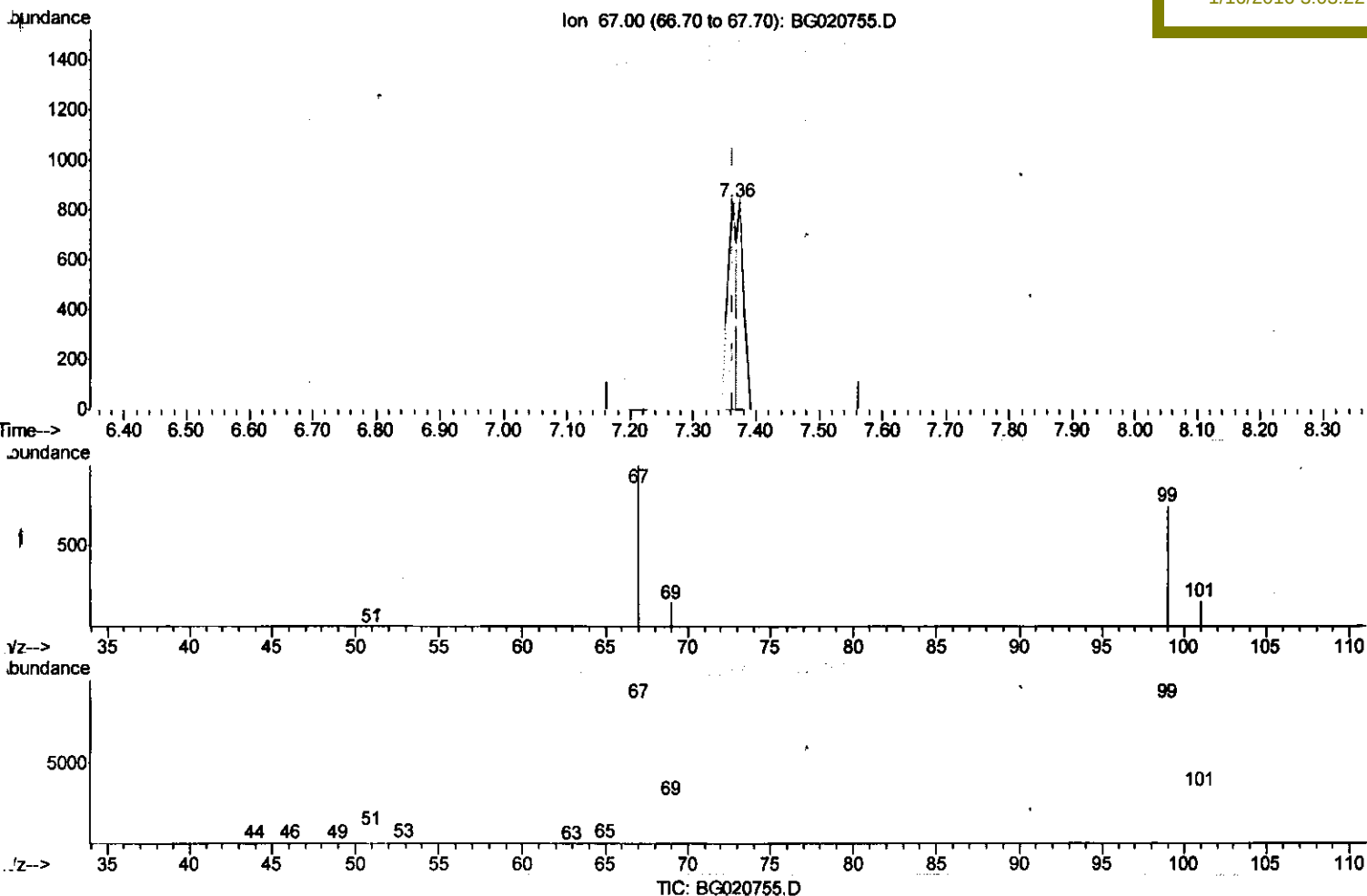
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(7) Bis-(2-Chloroethyl)ether-d8 (S)

7.363min (-0.002) 0.99ng/ul

response 865

Ion	Exp%	Act%
67.00	100	100
99.00	117.60	79.38#
69.00	33.70	30.63
0.00	0.00	0.00

Quantitation Report (Qedit)

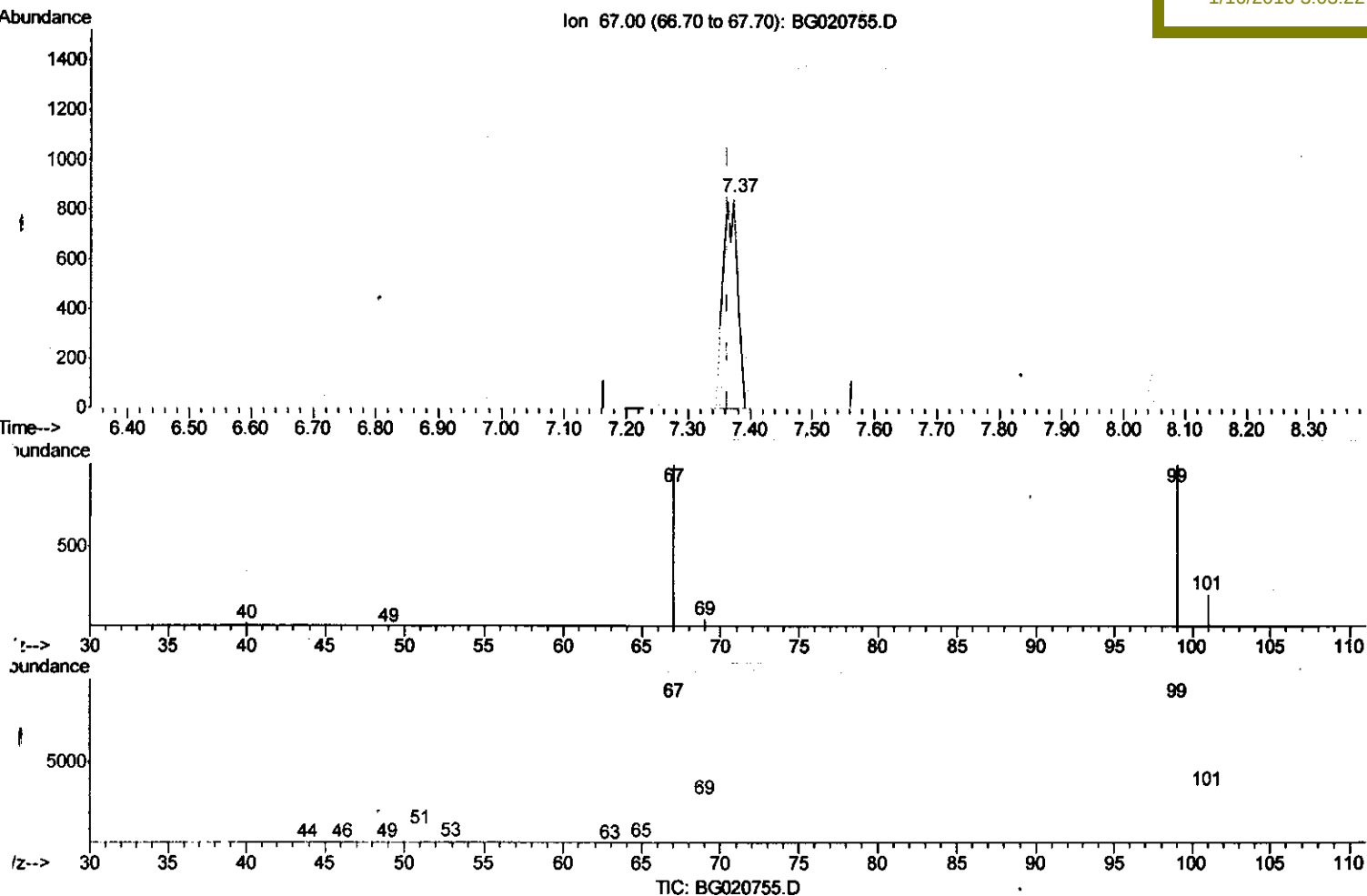
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(7) Bis-(2-Chloroethyl)ether-d8 (S)

7.374min (+0.010) 1.59ng/ul m

response 1388

Ion	Exp%	Act%
67.00	100	100
99.00	117.60	100.00
69.00	33.70	21.73#
0.00	0.00	0.00

S.J
 1/16/16

Quantitation Report (Qedit)

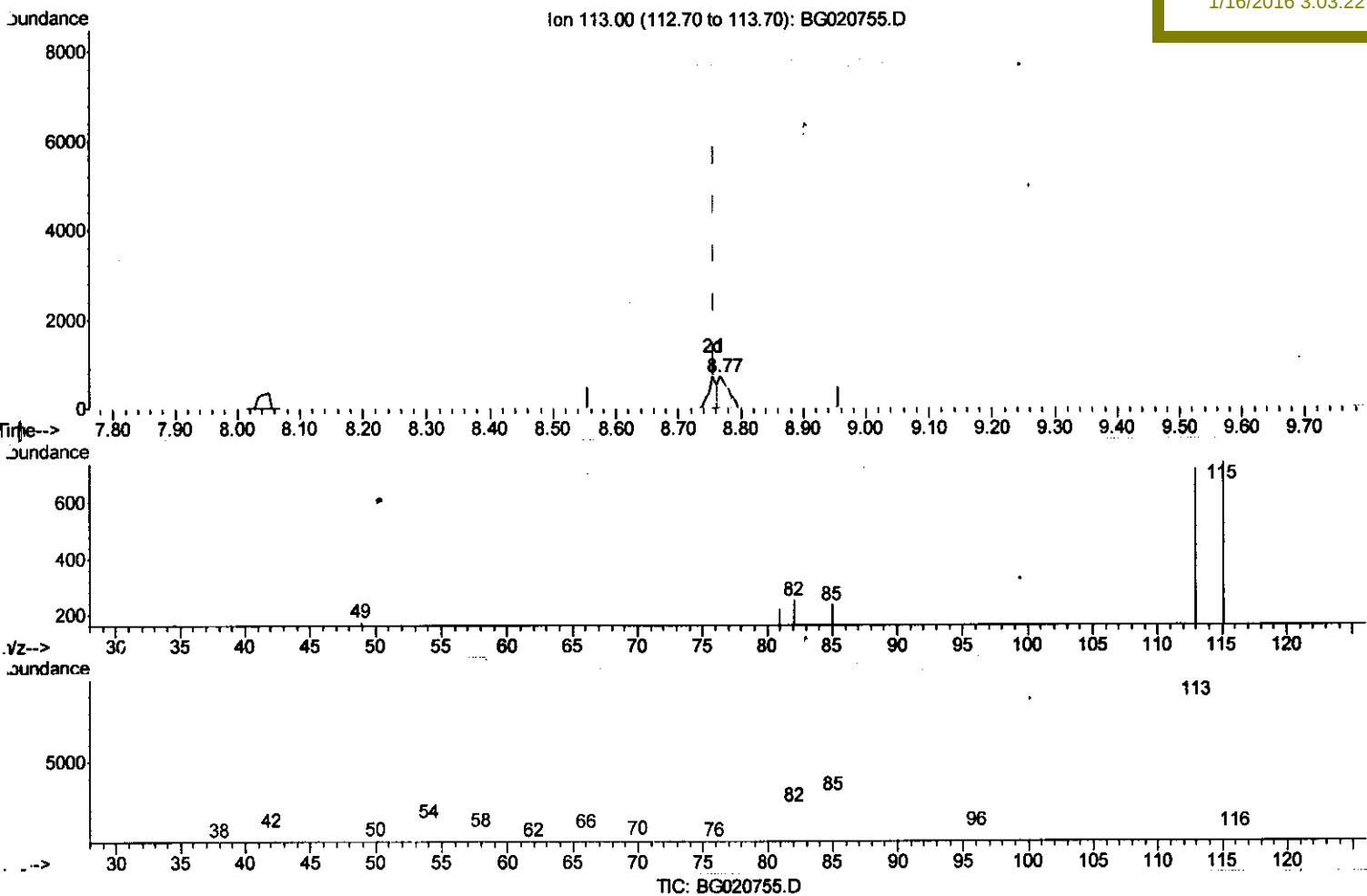
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(13) 4-Methylphenol-d8 (S)

8.767min (+0.010) 0.65ng/ul

response 790

Ion	Exp%	Act%
113.00	100	100
115.00	89.70	103.49
54.00	13.30	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

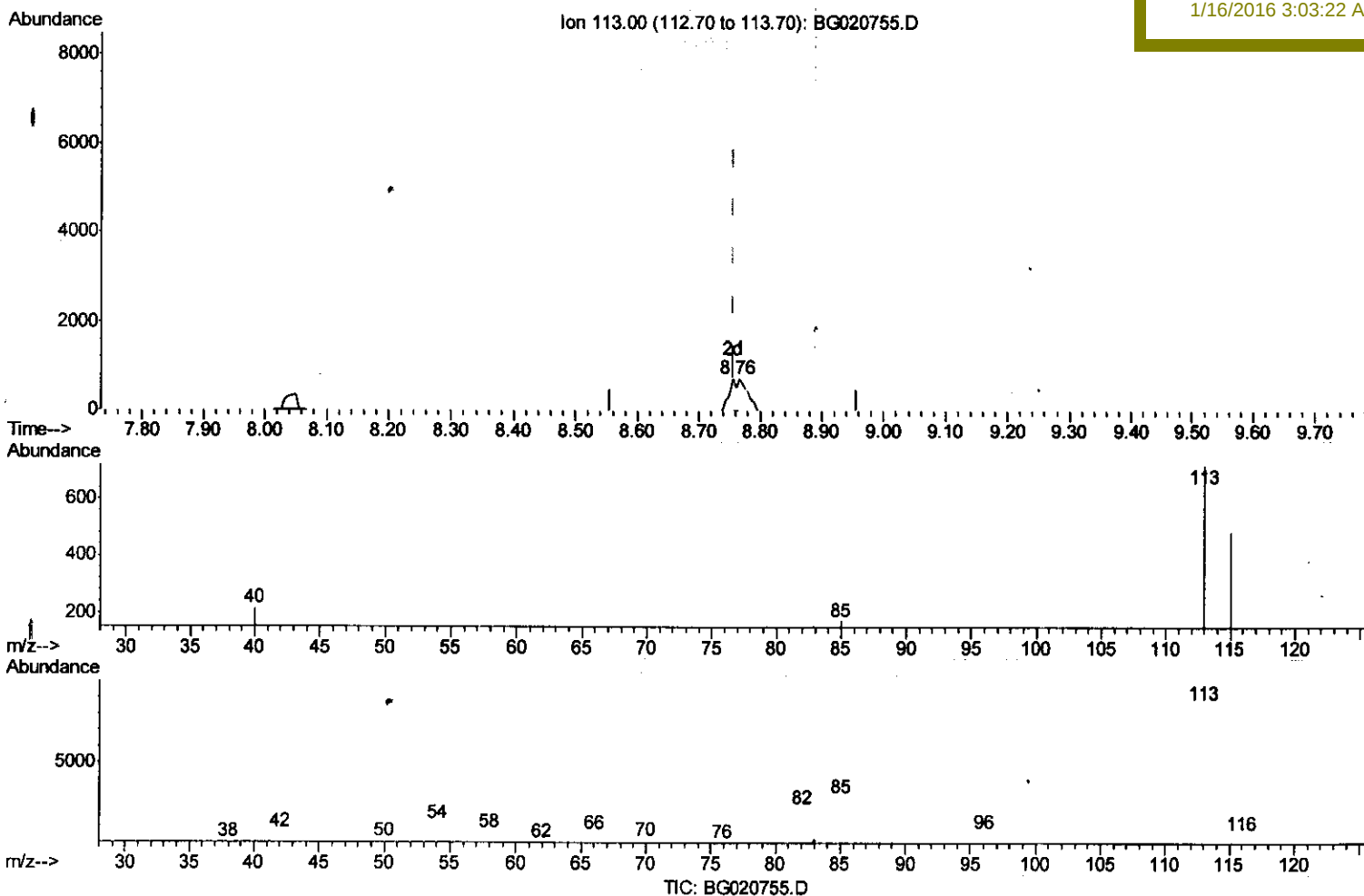
Data Path : Z:\HPCHEM1\BNA_G\Data\BG011516\
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Instrument :
 BNA_G
 ClientSampleId :
 BC9F8

Manual Integrations
 APPROVED

Sohil
 1/16/2016 3:03:22 AM



(13) 4-Methylphenol-d8 (S)

8.755min (-0.002) 1.16ng/ul m

response 1421

Ion	Exp%	Act%
113.00	100	100
115.00	89.70	67.73#
54.00	13.30	0.00#
0.00	0.00	0.00

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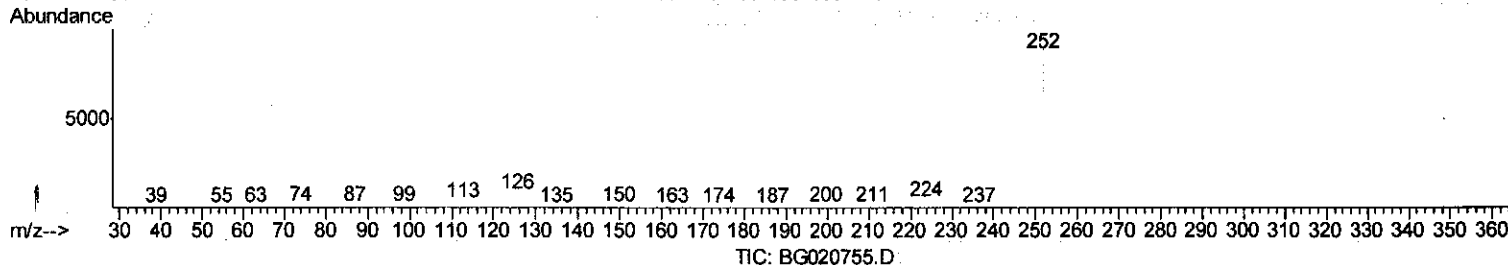
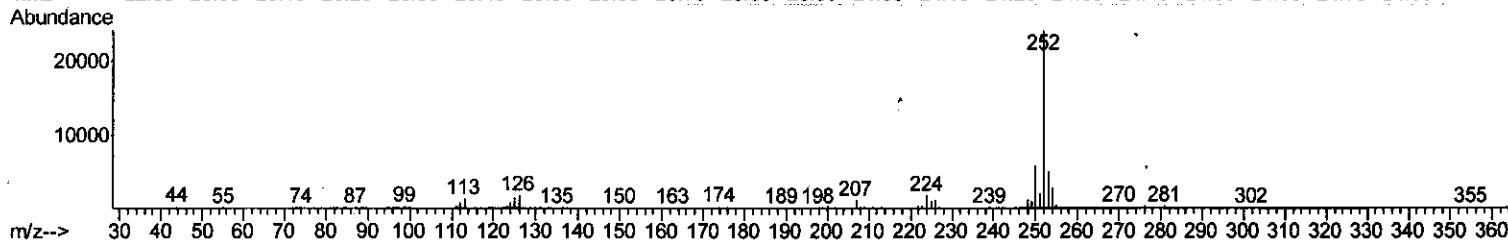
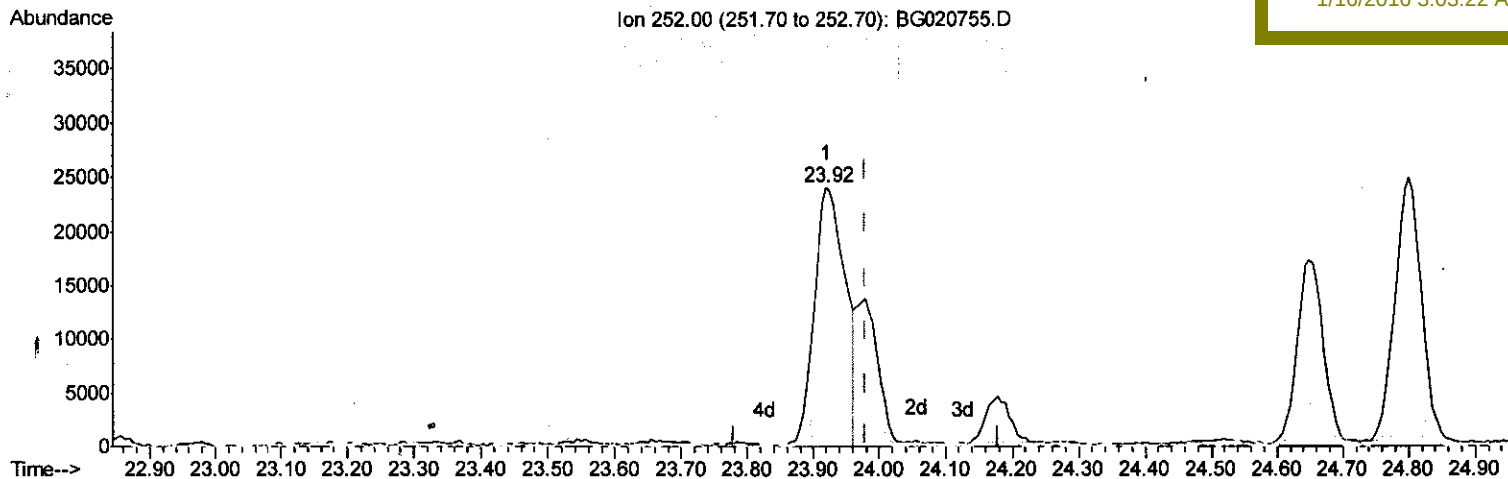
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Manual Integrations
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Sohil
 1/16/2016 3:03:22 AM



(89) Benzo(k)fluoranthene

23.920min (-0.060) 9.07ng/ul

response 79440

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	20.92
125.00	6.70	6.90
0.00	0.00	0.00

Quantitation Report (Qedit)

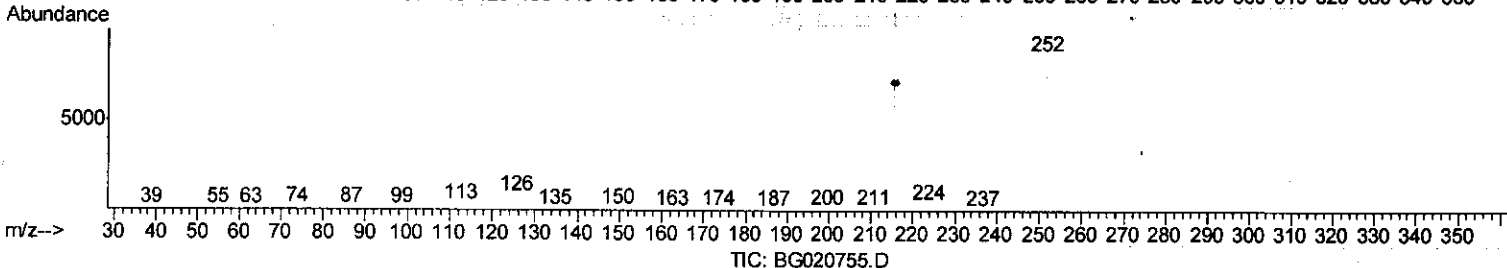
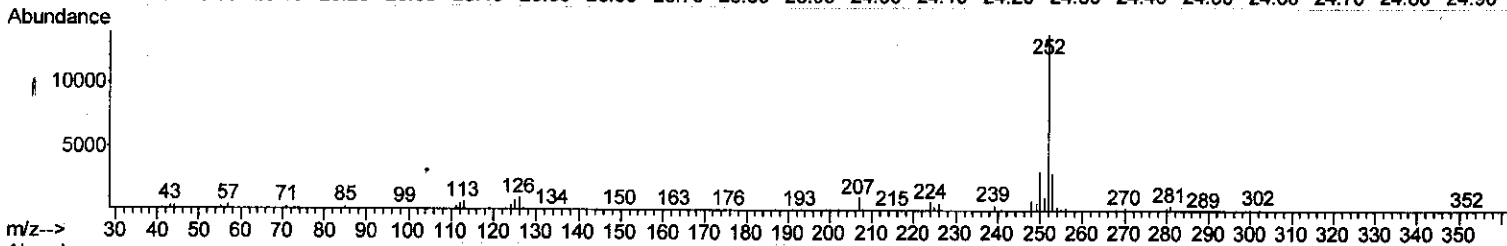
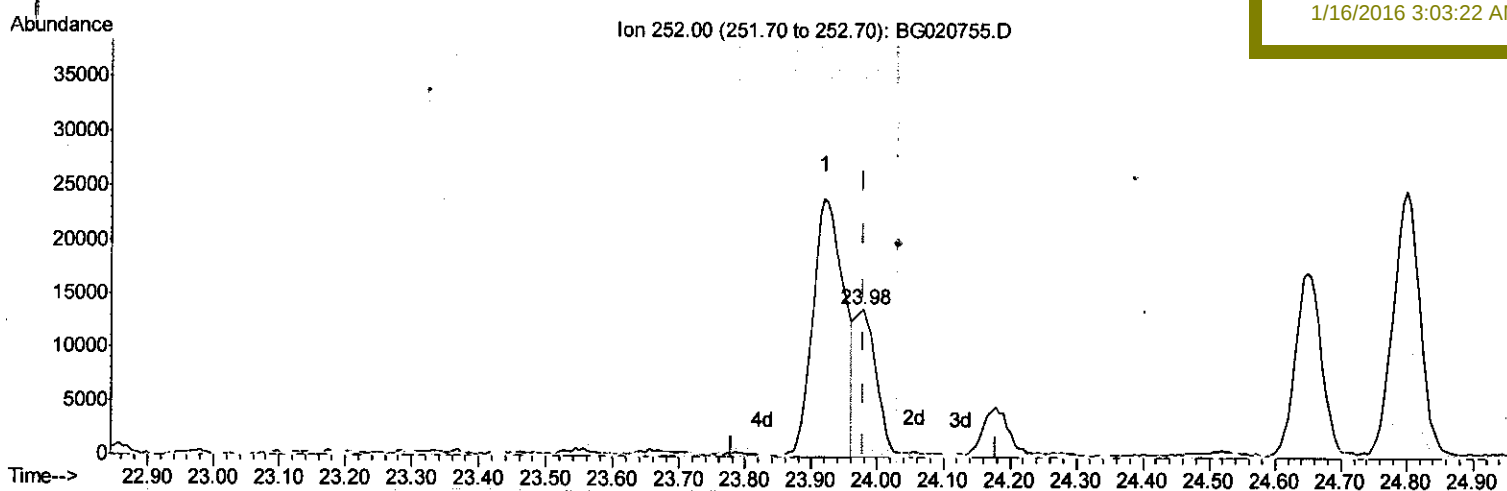
Data Path : Z:\HPCHEM1\BNA_G\Data\BG011516\
 Data File : BG020755.D
 Acq On : 15 Jan 2016 16:41
 Operator : SJ/IZ
 Sample : H1101-17 10X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

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Instrument :
 BNA_G
 ClientSampleId :
 BC9F8

Manual Integrations
 APPROVED

Sohil
 1/16/2016 3:03:22 AM



(89) Benzo(k)fluoranthene

23.978min (-0.002) 3.57ng/ul m

response 31258

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.06
125.00	6.70	6.37
0.00	0.00	0.00

S. J
 1/16/16

Quantitation Report (Qedit)

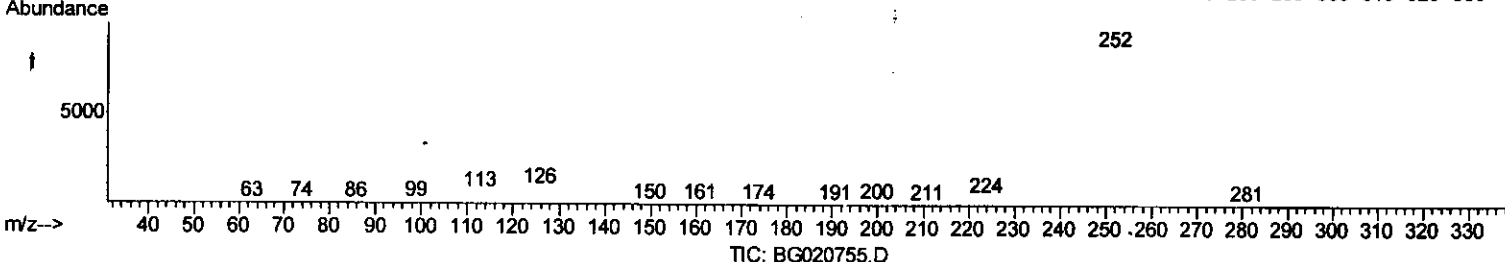
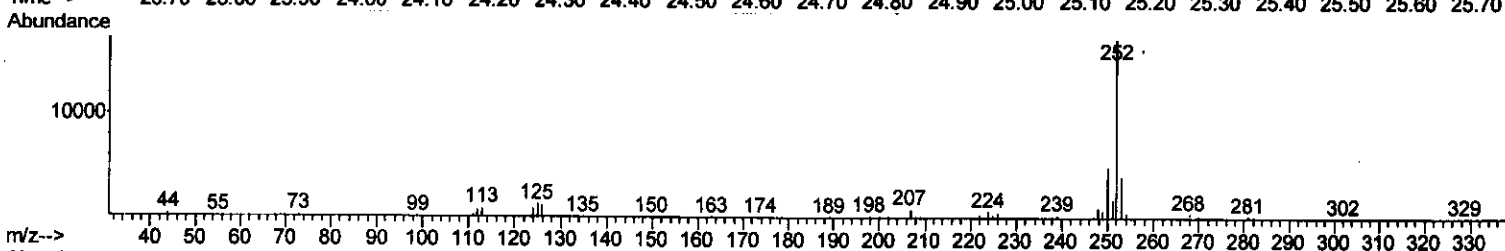
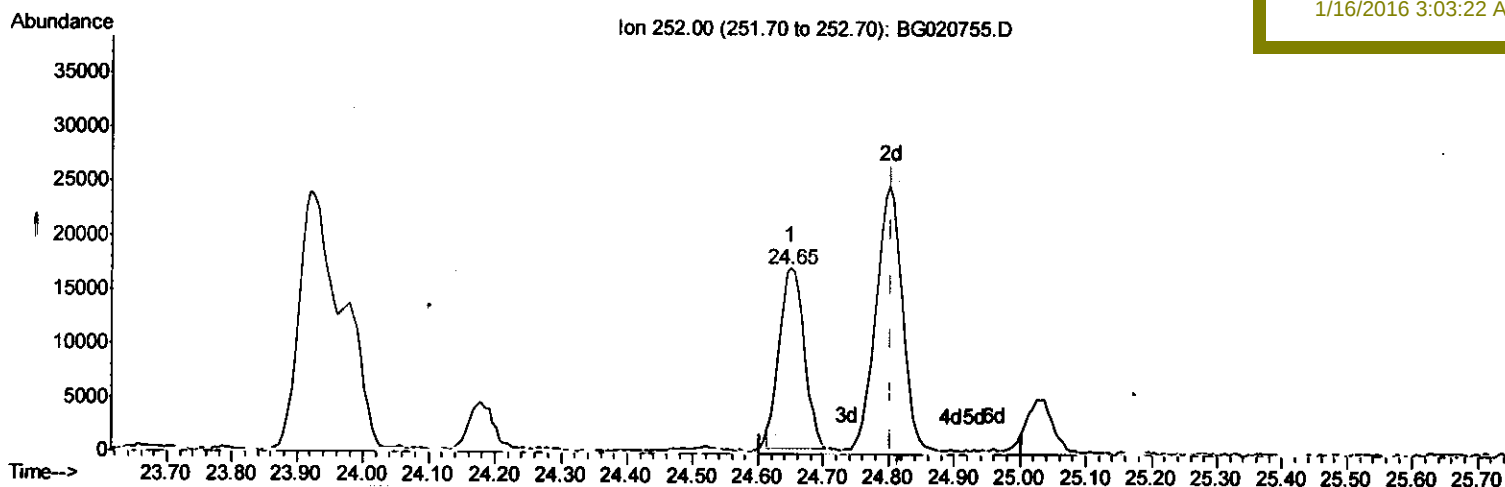
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 Data File : BG020755.D
 Acq On : 15 Jan 2016 16:41
 Operator : SJ/I2
 Sample : H1101-17 10X'
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC9F8

Quant Time: Jan 15 22:19:55 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
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Manual Integrations
 APPROVED

Sohil
 1/16/2016 3:03:22 AM



(91) Benzo(a)pyrene (C)

24.648min (-0.154) 5.16ng/ul

response 44010

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	23.99
125.00	7.20	8.10
0.00	0.00	0.00

Quantitation Report (Qedit)

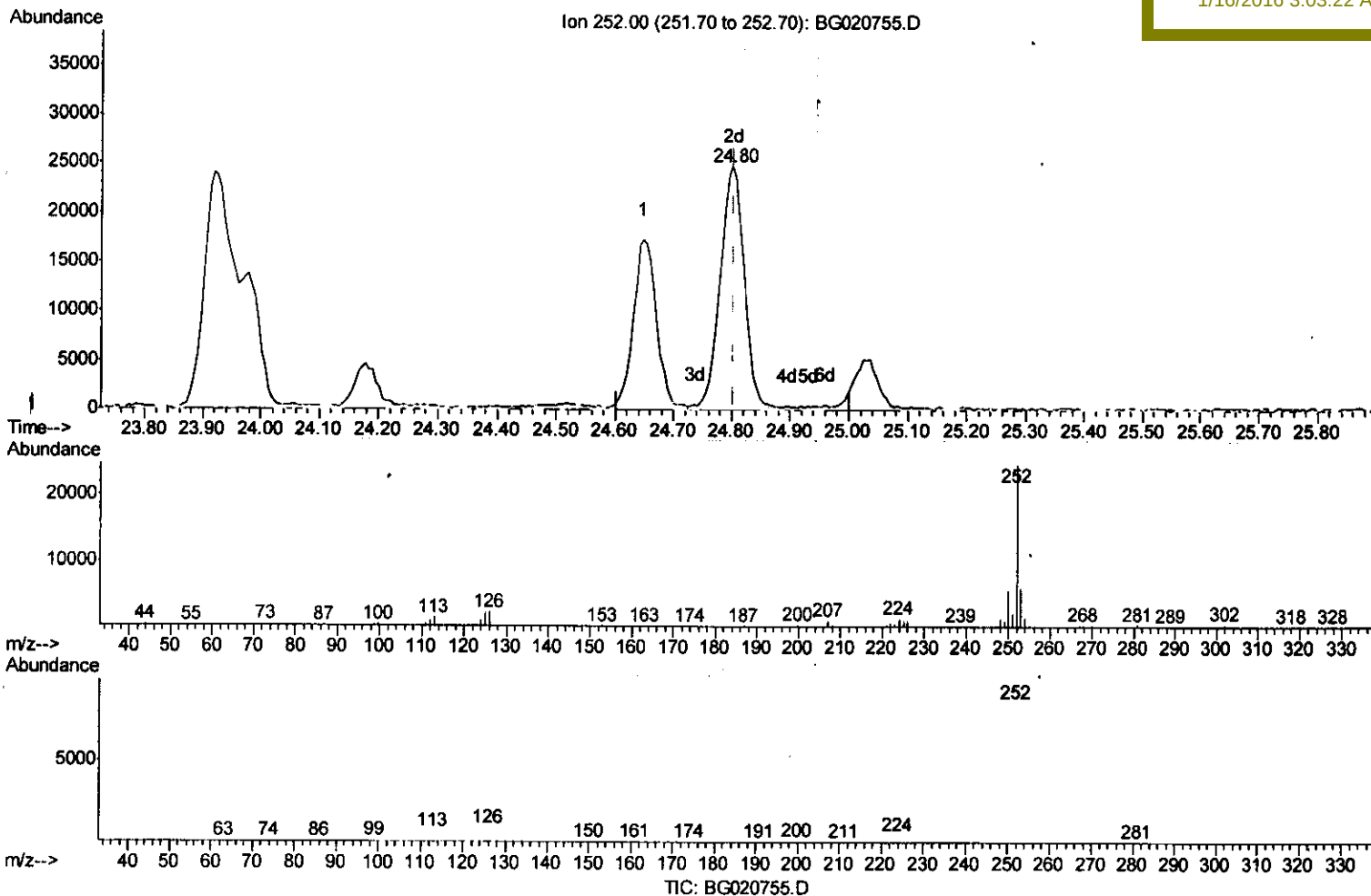
Data Path : Z:\HPCHEM1\BNA_G\Data\BG011516\
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 Operator : SJ/IZ
 Sample : H1101-17 10X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
 1/16/2016 3:03:22 AM

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(91) Benzo(a)pyrene (C)

24.801min (-0.002) 8.44ng/ul m

response 71972

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	24.33
125.00	7.20	8.91#
0.00	0.00	0.00

S. J
 1/16/16

Quantitation Report (Qedit)

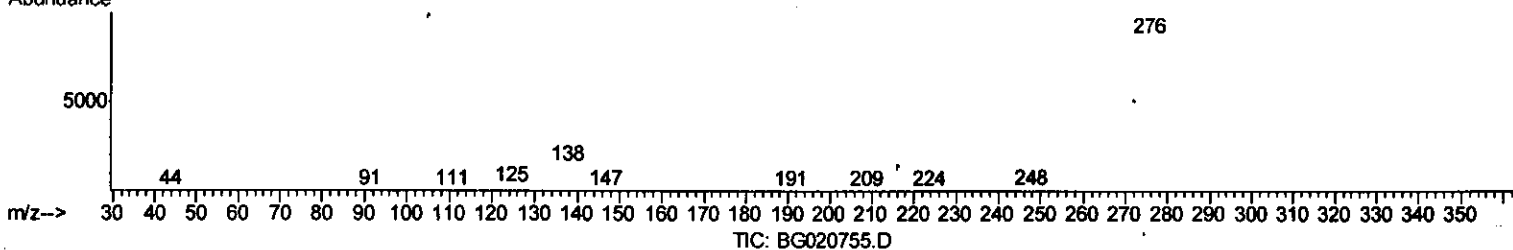
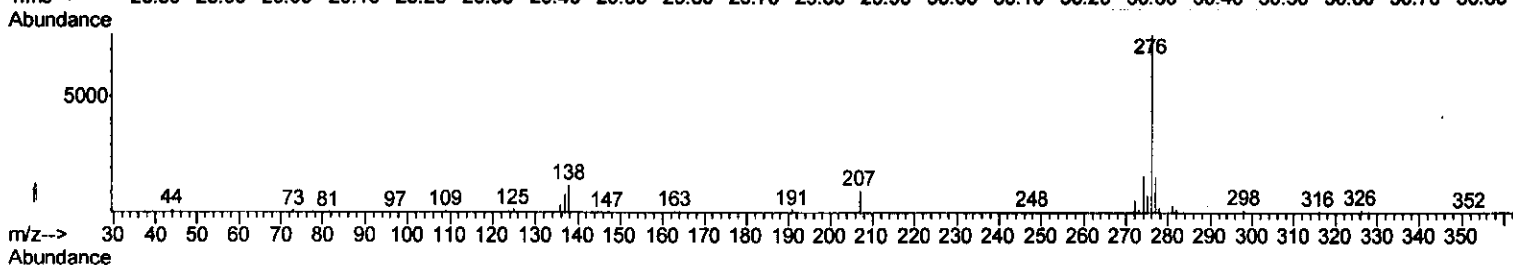
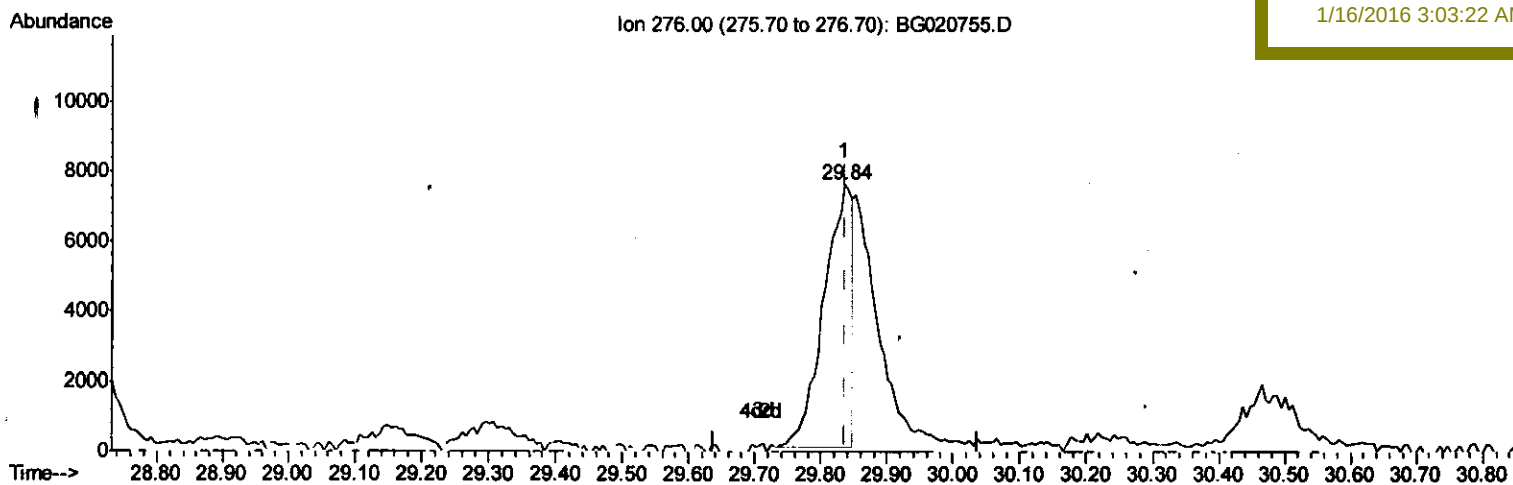
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 BC9F8

Manual Integrations
 APPROVED

Sohil
 1/16/2016 3:03:22 AM



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

29.836min (-0.002) 2.72ng/ul

response 22587

Ion	Exp%	Act%
276.00	100	100
138.00	14.00	17.04#
277.00	23.80	21.55
0.00	0.00	0.00

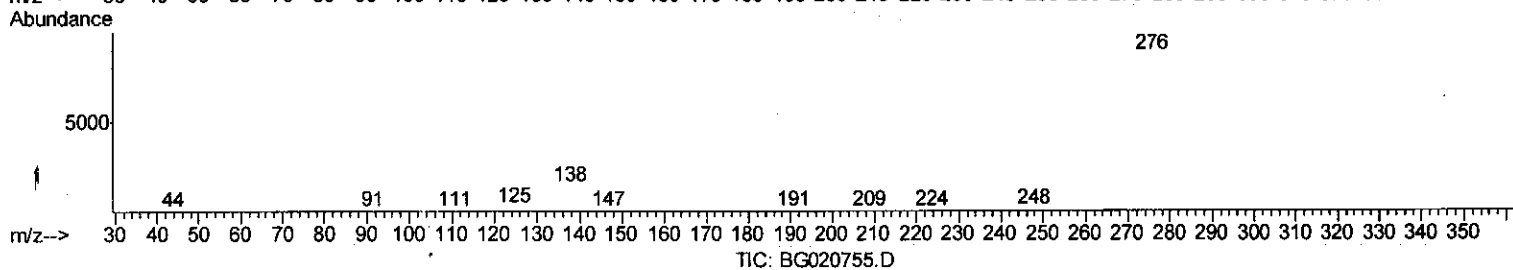
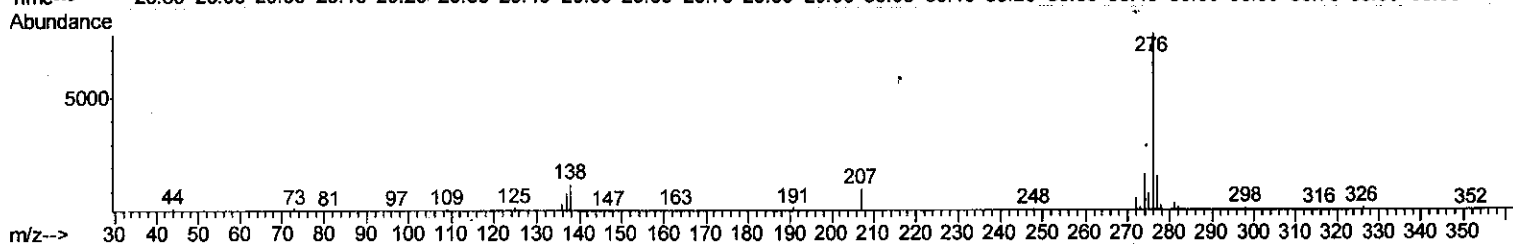
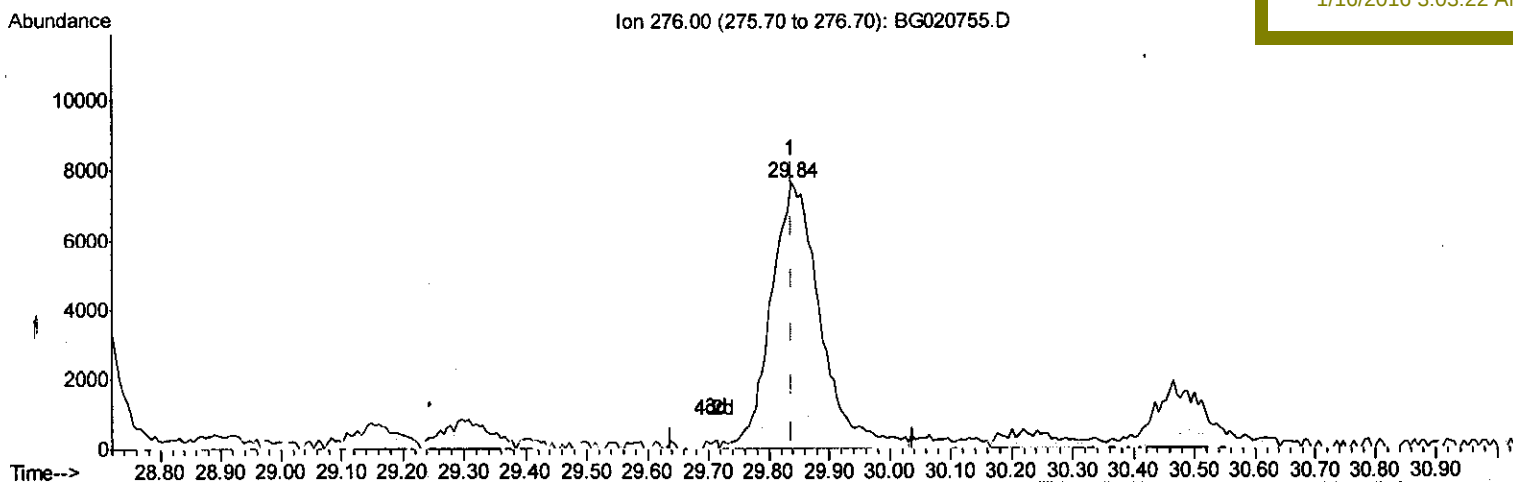
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Misc :
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Instrument :
BNA_G
ClientSampleId :
BC9F8

Manual Integrations
APPROVED

Sohil
1/16/2016 3:03:22 AM



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

29.836min (-0.002) 5.21ng/ul m

response 43249

S. J
1/16/16

Ion	Exp%	Act%
276.00	100	100
138.00	14.00	17.04#
277.00	23.80	21.55
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	8.04	152	16901	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	72818	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	49559	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	123504	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	145245	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	137640	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.21	99	1960	1.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.37	67	1388m	1.59	ng/ul	0.01
9) 2-Chlorophenol-d4	7.57	132	1962	1.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	1421m	1.16	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	813	1.42	ng/ul	0.01
22) 2-Nitrophenol-d4	9.95	143	1139	1.71	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.49	165	1906	1.50	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	14.08	166	8668	2.00	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	10183	2.10	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.67	176	8269	2.14	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.53	188	13136	2.17	ng/ul	0.00
79) Pyrene-d10	19.81	212	14963	2.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.72	264	16335	2.23	ng/ul	0.00

Target Compounds

						Qvalue
70) Phenanthrene	17.47	178	80597	10.97	ng/ul	99
72) Anthracene	17.56	178	11044	1.49	ng/ul	98
77) Fluoranthene	19.48	202	140697	15.75	ng/ul	99
80) Pyrene	19.84	202	178325	19.36	ng/ul	99
83) Benzo(a)anthracene	21.68	228	88597	9.78	ng/ul	98
85) Chrysene	21.75	228	93183	10.88	ng/ul	96
88) Benzo(b)fluoranthene	23.92	252	79440	8.96	ng/ul	98
89) Benzo(k)fluoranthene	23.98	252	31258m	3.57	ng/ul	
91) Benzo(a)pyrene	24.80	252	71972m	8.44	ng/ul	
92) Indeno(1,2,3-cd)pyrene	28.68	276	39761	3.95	ng/ul	99
94) Benzo(g,h,i)perylene	29.84	276	43249m	5.21	ng/ul	

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