

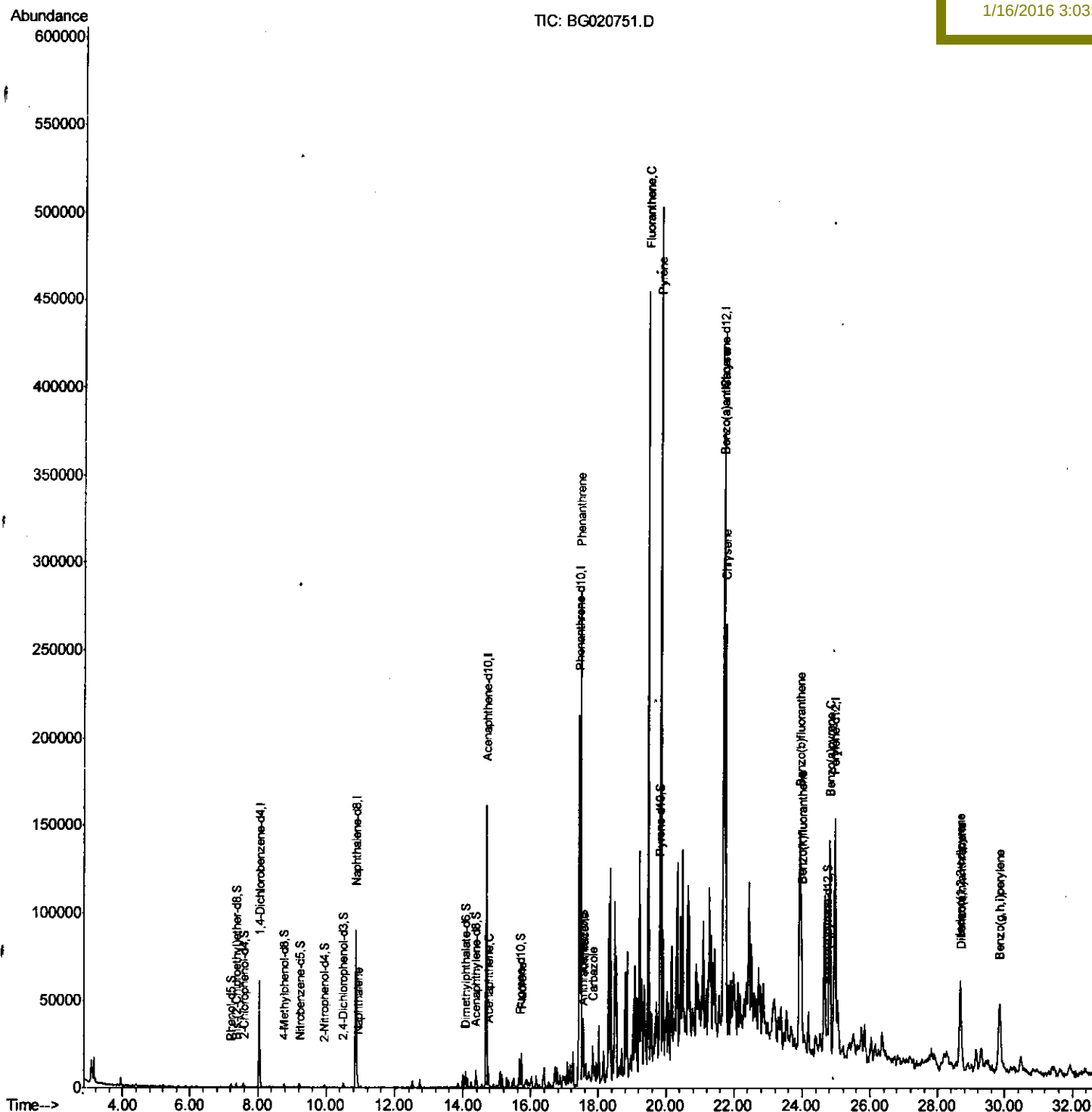
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011516\
Data File : BG020751.D
Acq On : 15 Jan 2016 14:04
Operator : SJ/IZ
Sample : H1101-13 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jan 15 23:40:38 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
ClientSampleId :
BC9F4

Manual Integrations
APPROVED

Sohil
1/16/2016 3:03:14 AM



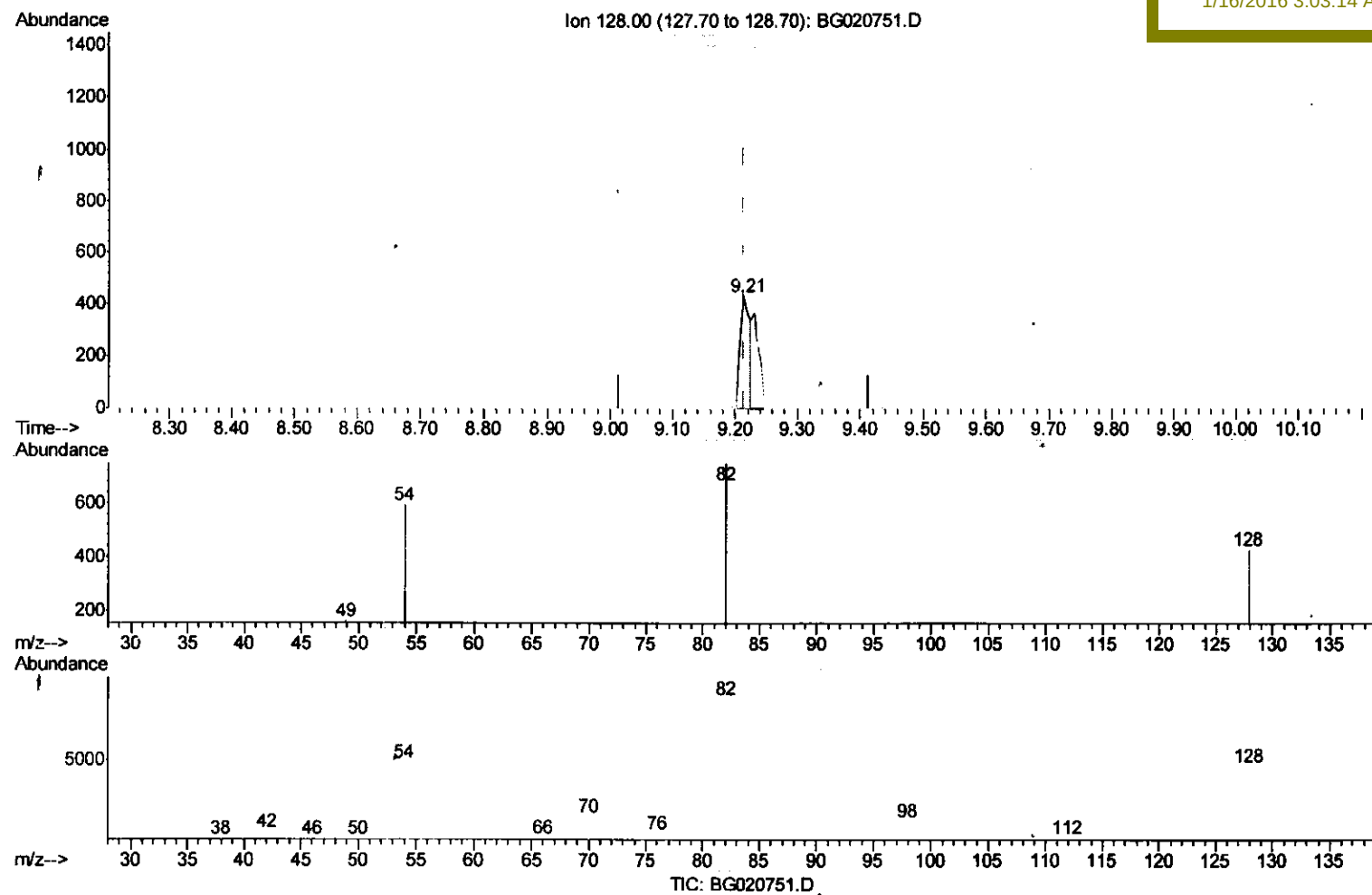
Data Path : Z:\HPCHEM1\BNA G\DATA\BG011516\
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Manual Integrations
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(19) Nitrobenzene-d5 (S)

9.213min (-0.002) 0.75ng/ul

response 472

Ion	Exp%	Act%
128.00	100	100
82.00	244.60	175.41#
54.00	108.20	138.88#
0.00	0.00	0.00

Quantitation Report (Qedit)

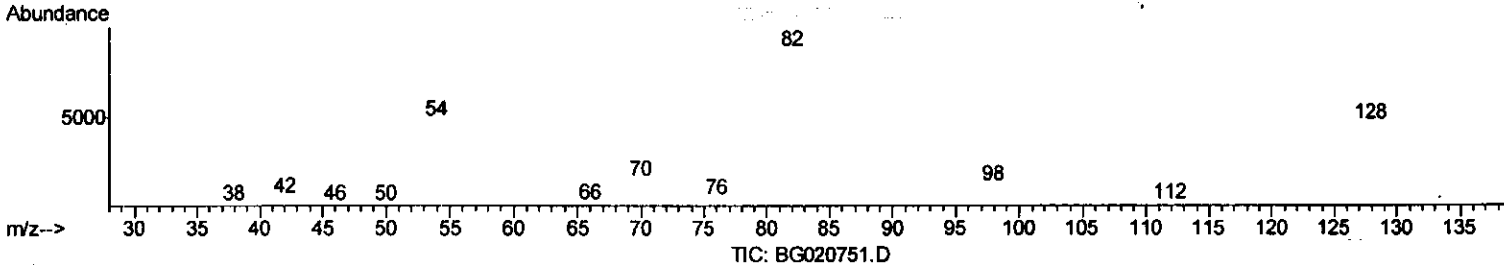
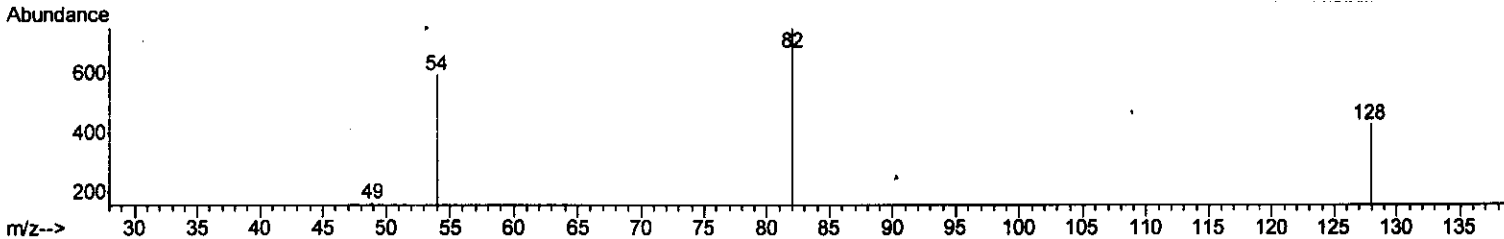
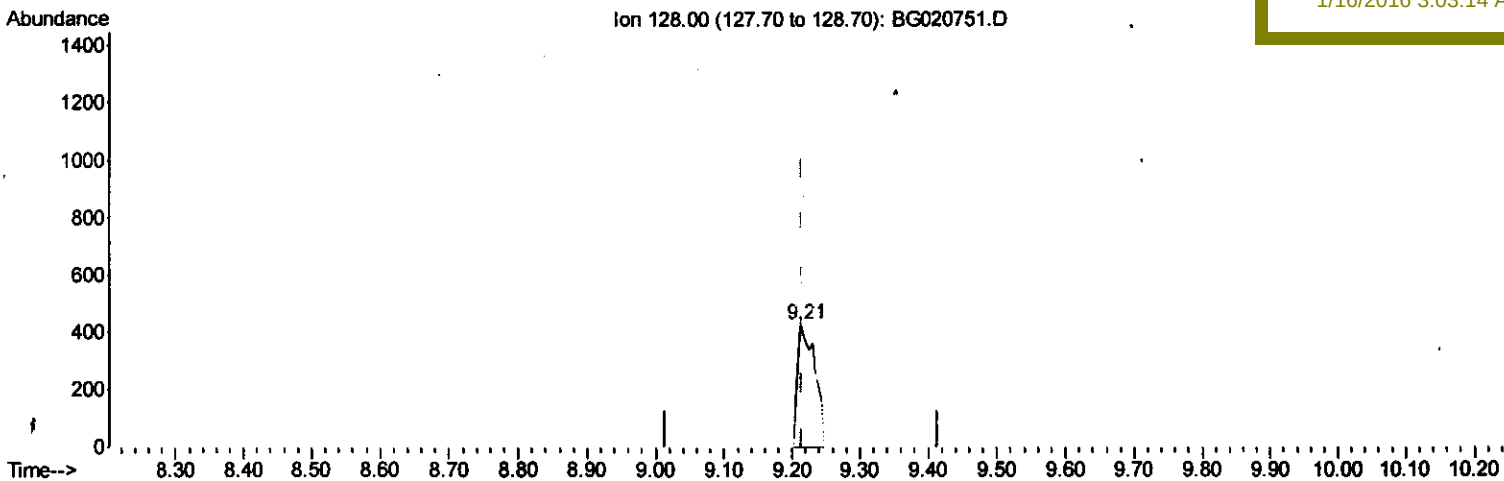
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 Data File : BG020751.D
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 Operator : SJ/IZ
 Sample : H1101-13 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC9F4

Quant Time: Jan 15 22:18:30 2016
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 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 15 22:12:27 2016
 Response via : Initial Calibration

Manual Integrations
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Sohil
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(19) Nitrobenzene-d5 (S)

9.213min (-0.002) 1.18ng/ul m

response 744

S. J
 1/16/16

Ion	Exp%	Act%
128.00	100	100
82.00	244.60	175.41#
54.00	108.20	138.88#
0.00	0.00	0.00

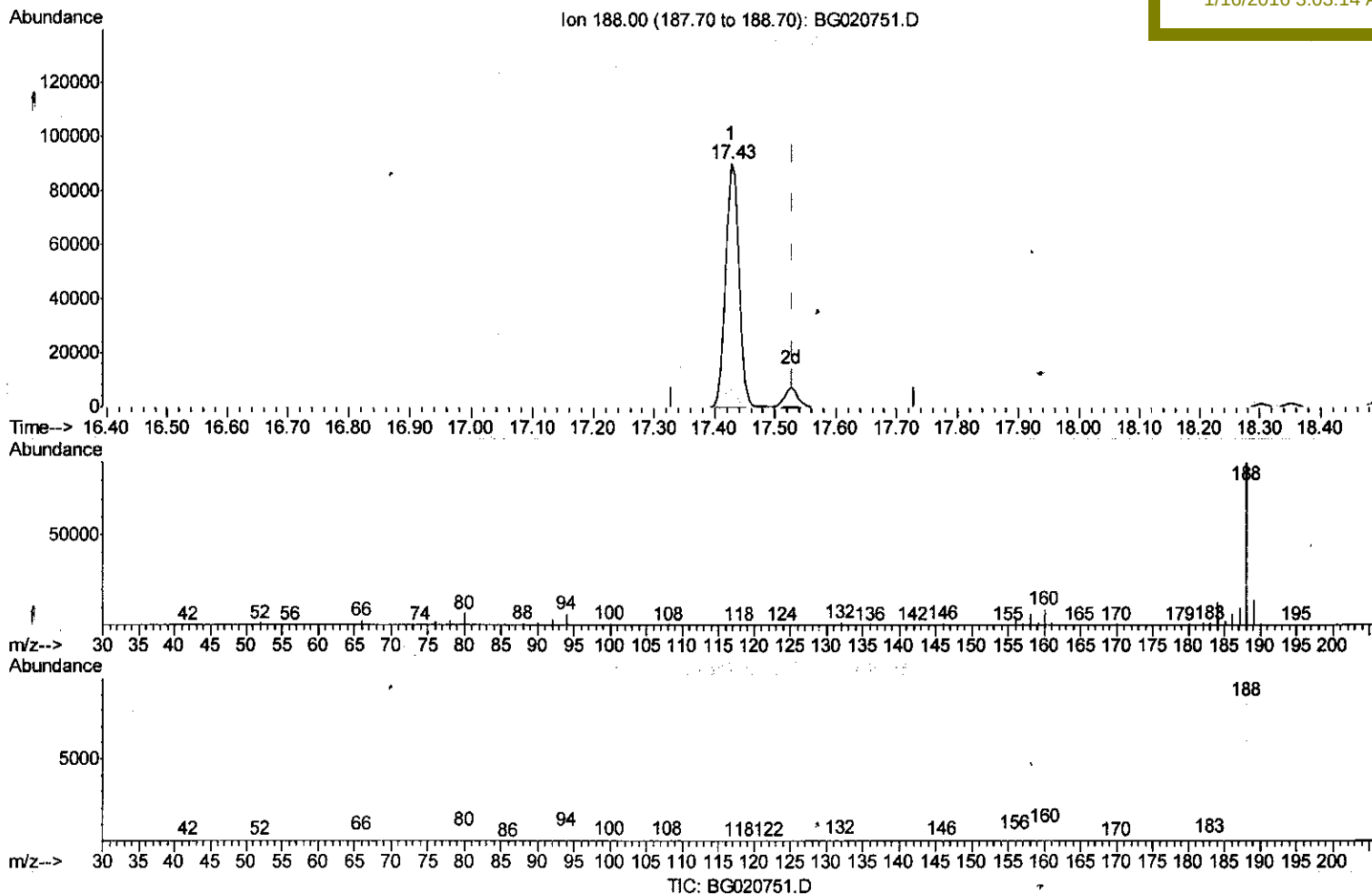
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Data File : BG020751.D
Acq On : 15 Jan 2016 14:04
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Sample : H1101-13 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BC9F4

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Manual Integrations
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(71) Anthracene-d10 (S)

17.427min (-0.102) 20.40ng/ul

response 138054

Ion	Exp%	Act%
188.00	100	100
94.00	8.30	7.22
80.00	7.70	7.67
0.00	0.00	0.00

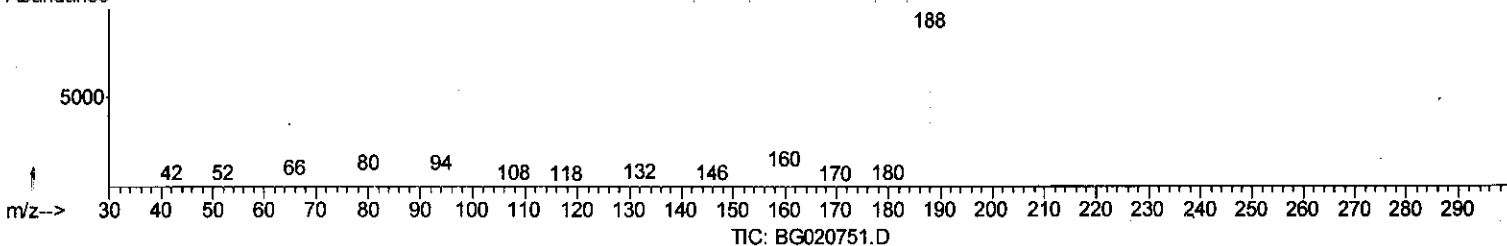
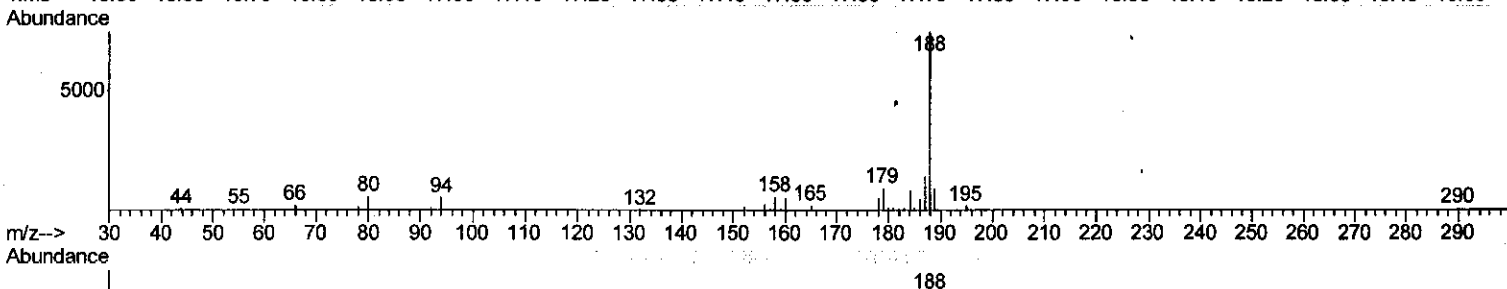
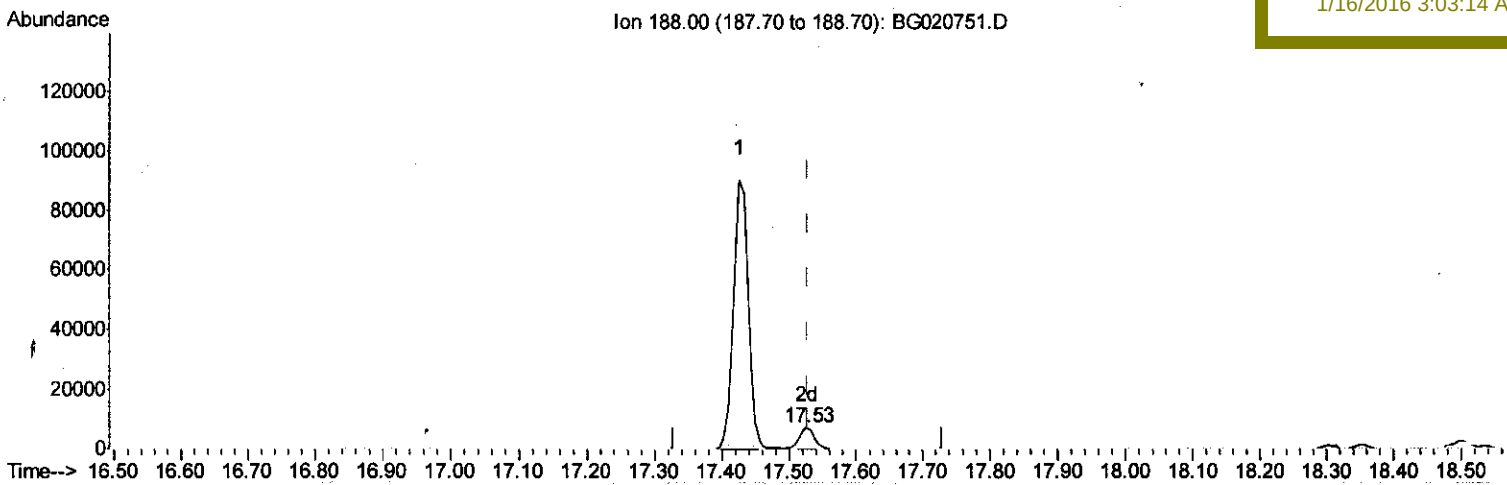
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011516\
Data File : BG020751.D
Acq On : 15 Jan 2016 14:04
Operator : SJ/IZ
Sample : H1101-13 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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Instrument :
BNA_G
ClientSampleId :
BC9F4

Manual Integrations
APPROVED

Sohil
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(71) Anthracene-d10 (S)

17.527min (-0.002) 1.68ng/ul m

response 11355

Ion	Exp%	Act%
188.00	100	100
94.00	8.30	9.24
80.00	7.70	9.51#
0.00	0.00	0.00

S. J
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Quantitation Report (Qedit)

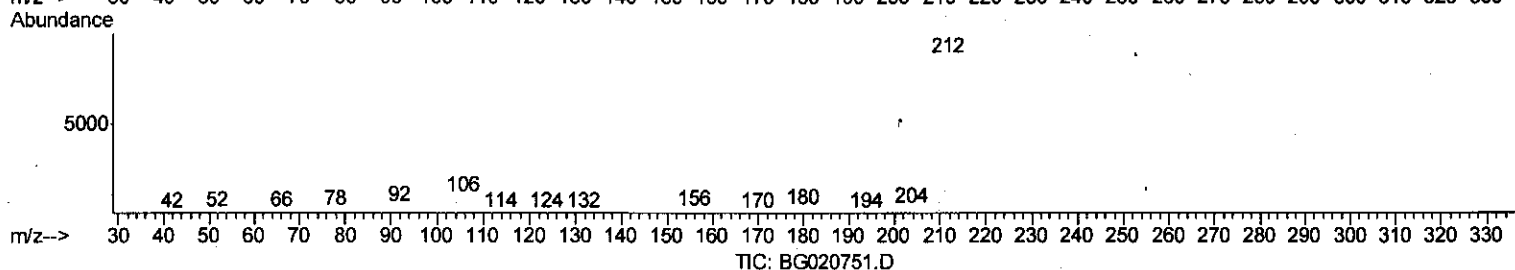
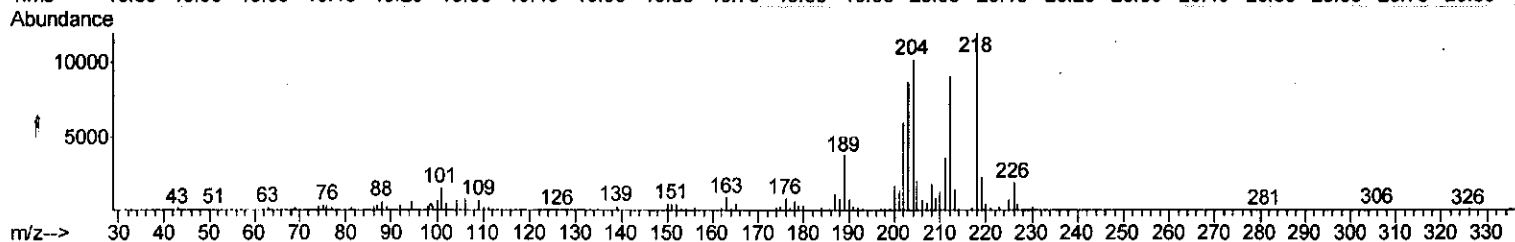
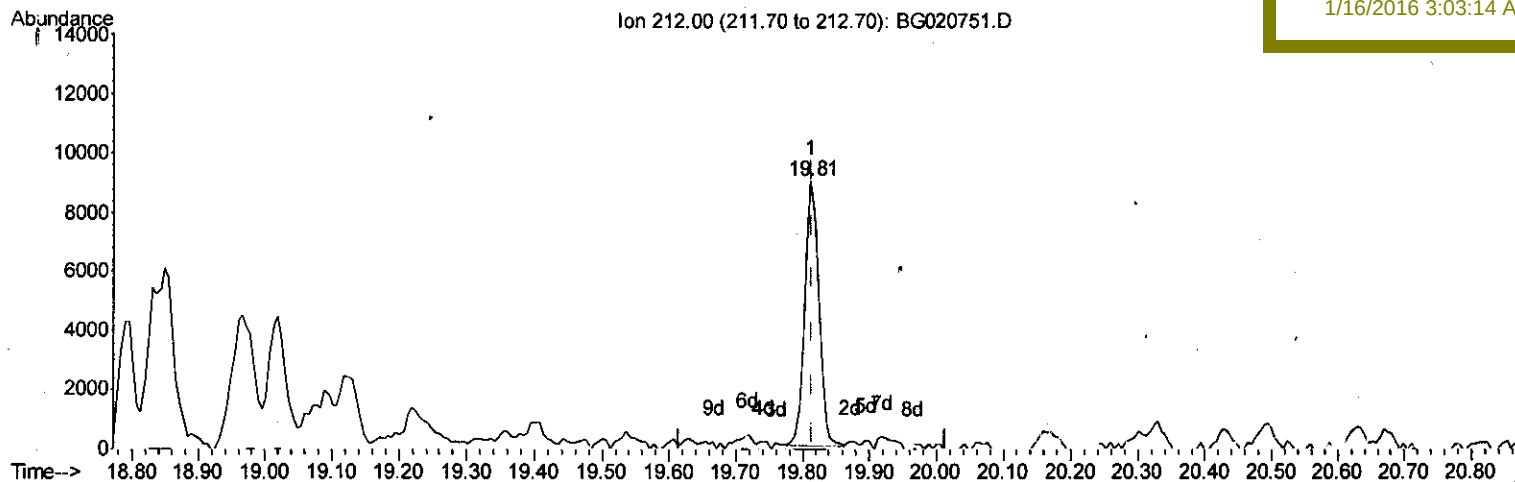
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011516\
 Data File : BG020751.D
 Acq On : 15 Jan 2016 14:04
 Operator : SJ/IZ
 Sample : H1101-13 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jan 15 22:18:30 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
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 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 BC9F4

Manual Integrations
 APPROVED

Sohil
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(79) Pyrene-d10 (S)

19.812min (-0.002) 1.73ng/ul

response 13213

Ion	Exp%	Act%
212.00	100	100
106.00	10.00	10.86
104.00	6.70	9.00#
0.00	0.00	0.00

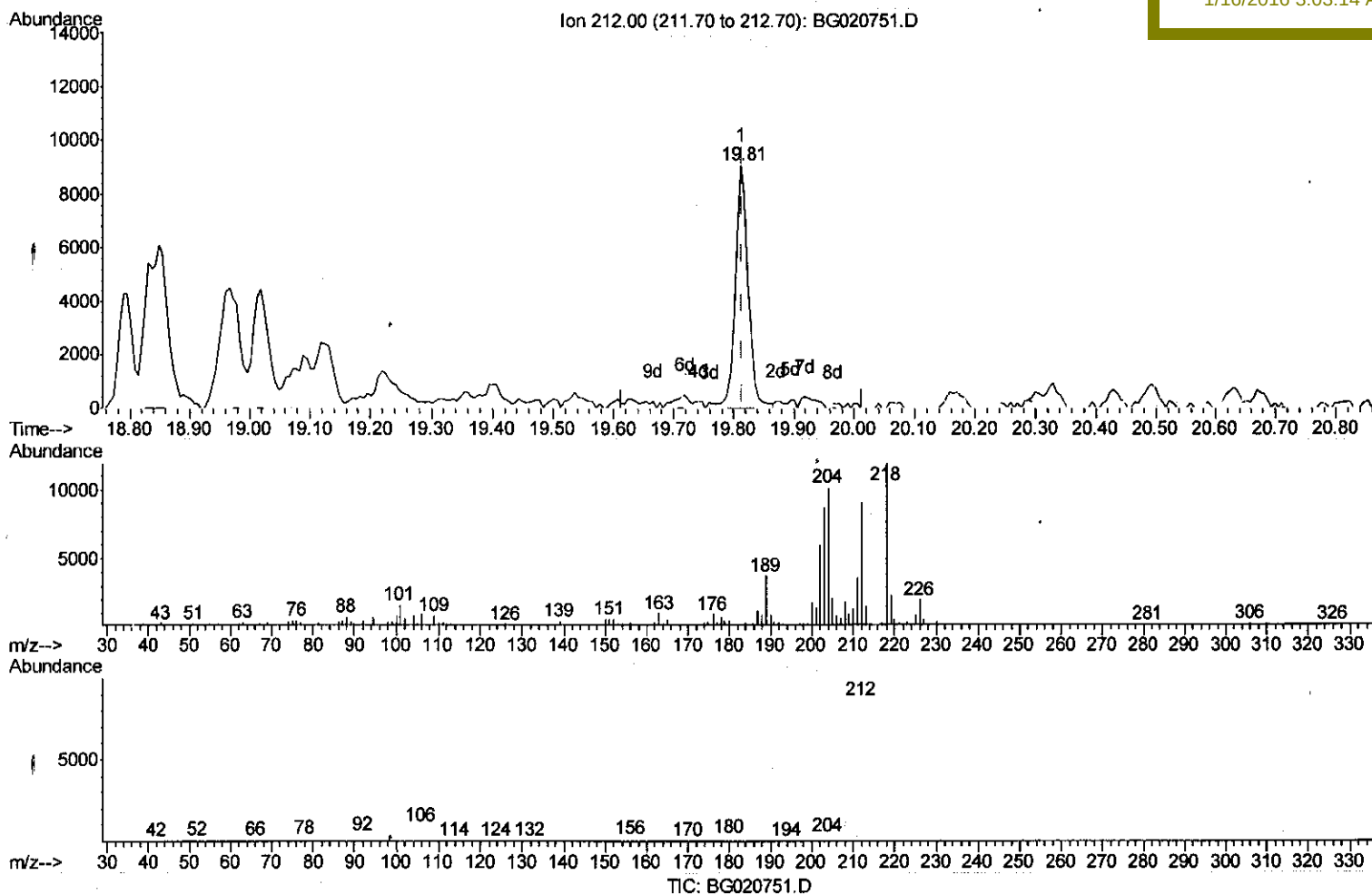
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011516\
 Data File : BG020751.D
 Acq On : 15 Jan 2016 14:04
 Operator : SJ/IZ
 Sample : H1101-13 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC9F4

Quant Time: Jan 15 22:18:30 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

Manual Integrations
 APPROVED

Sohil
 1/16/2016 3:03:14 AM



(79) Pyrene-d10 (S)

19.812min (-0.002) 1.82ng/ul m

response 13897

Ion	Exp%	Act%
212.00	100	100
106.00	10.00	10.86
104.00	6.70	9.00#
0.00	0.00	0.00

S. J
 1/14/16

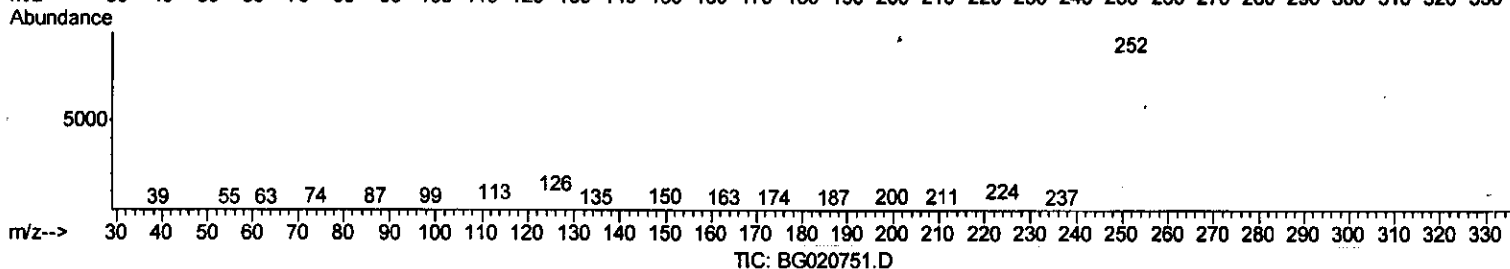
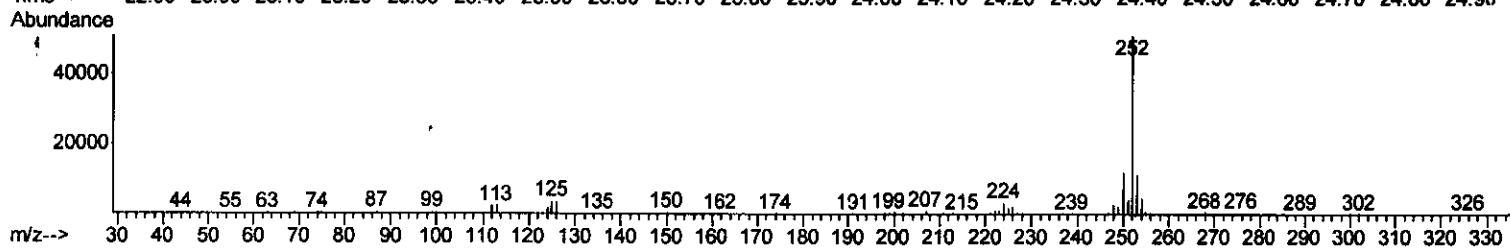
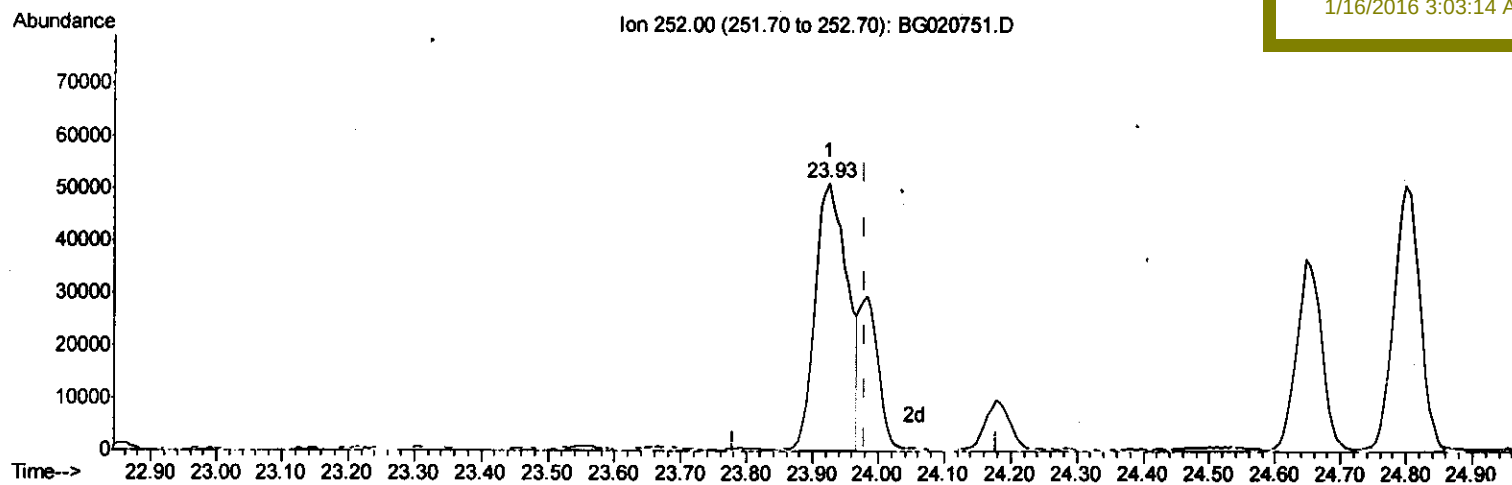
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011516\
Data File : BG020751.D
Acq On : 15 Jan 2016 14:04
Operator : SJ/IZ
Sample : H1101-13 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jan 15 22:18:30 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
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Response via : Initial Calibration

Instrument :
BNA_G
Client Sample ID :
BC9F4

Manual Integrations
APPROVED

Sohil
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(89) Benzo(k)fluoranthene

23.925min (-0.055) 17.51ng/ul

response 172792

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.31
125.00	6.70	7.13
0.00	0.00	0.00

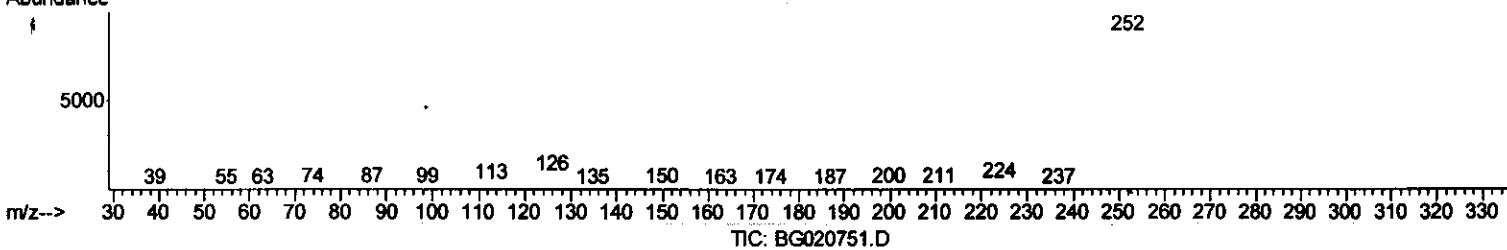
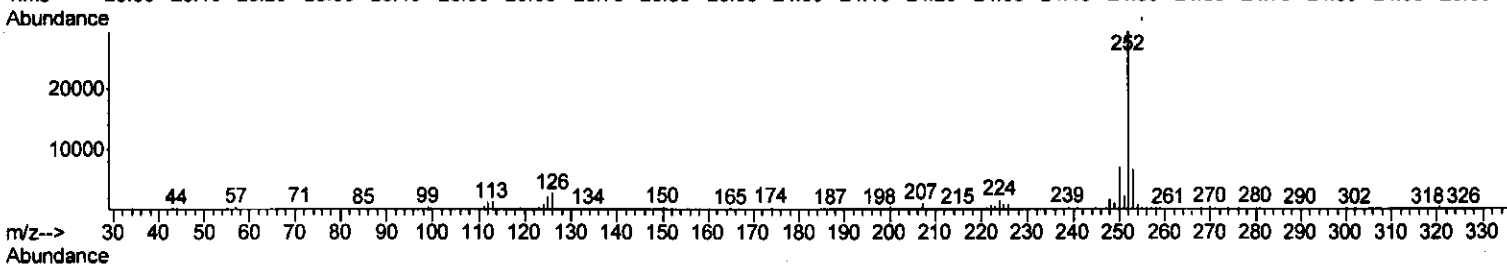
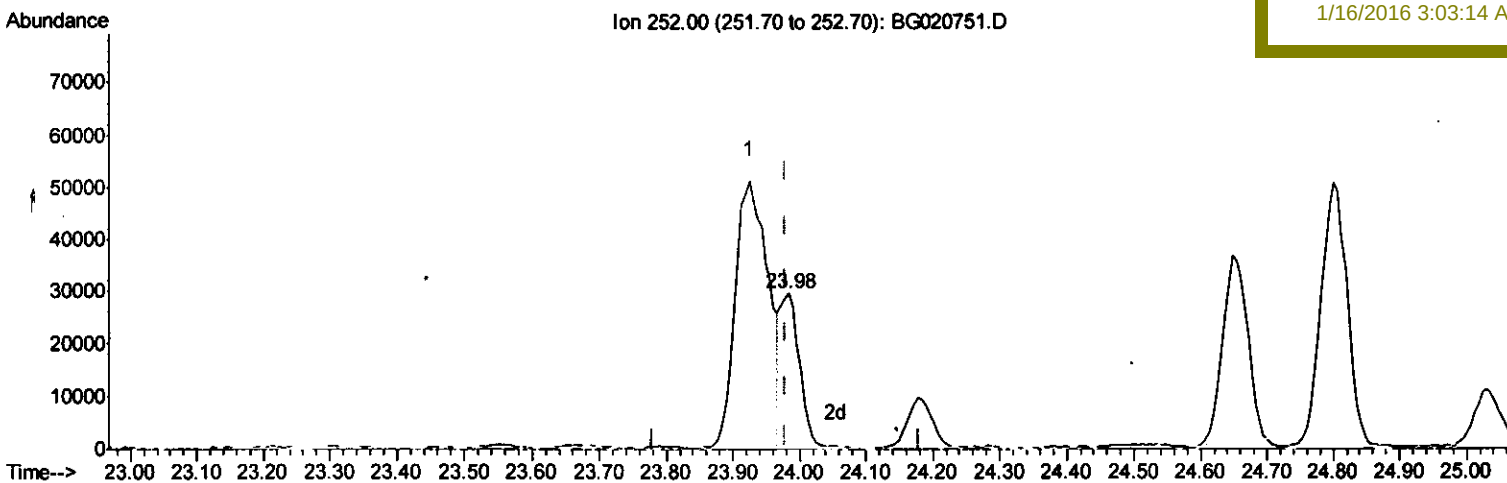
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011516\
Data File : BG020751.D
Acq On : 15 Jan 2016 14:04
Operator : SJ/IZ
Sample : H1101-13 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jan 15 22:18:30 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
ClientSampleId :
BC9F4

Manual Integrations
APPROVED

Sohil
1/16/2016 3:03:14 AM



(89) Benzo(k)fluoranthene

23.984min (+0.004) 6.02ng/ul m

response 59419

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.67
125.00	6.70	7.16
0.00	0.00	0.00

S. J
1/16/16

Quantitation Report (Qedit)

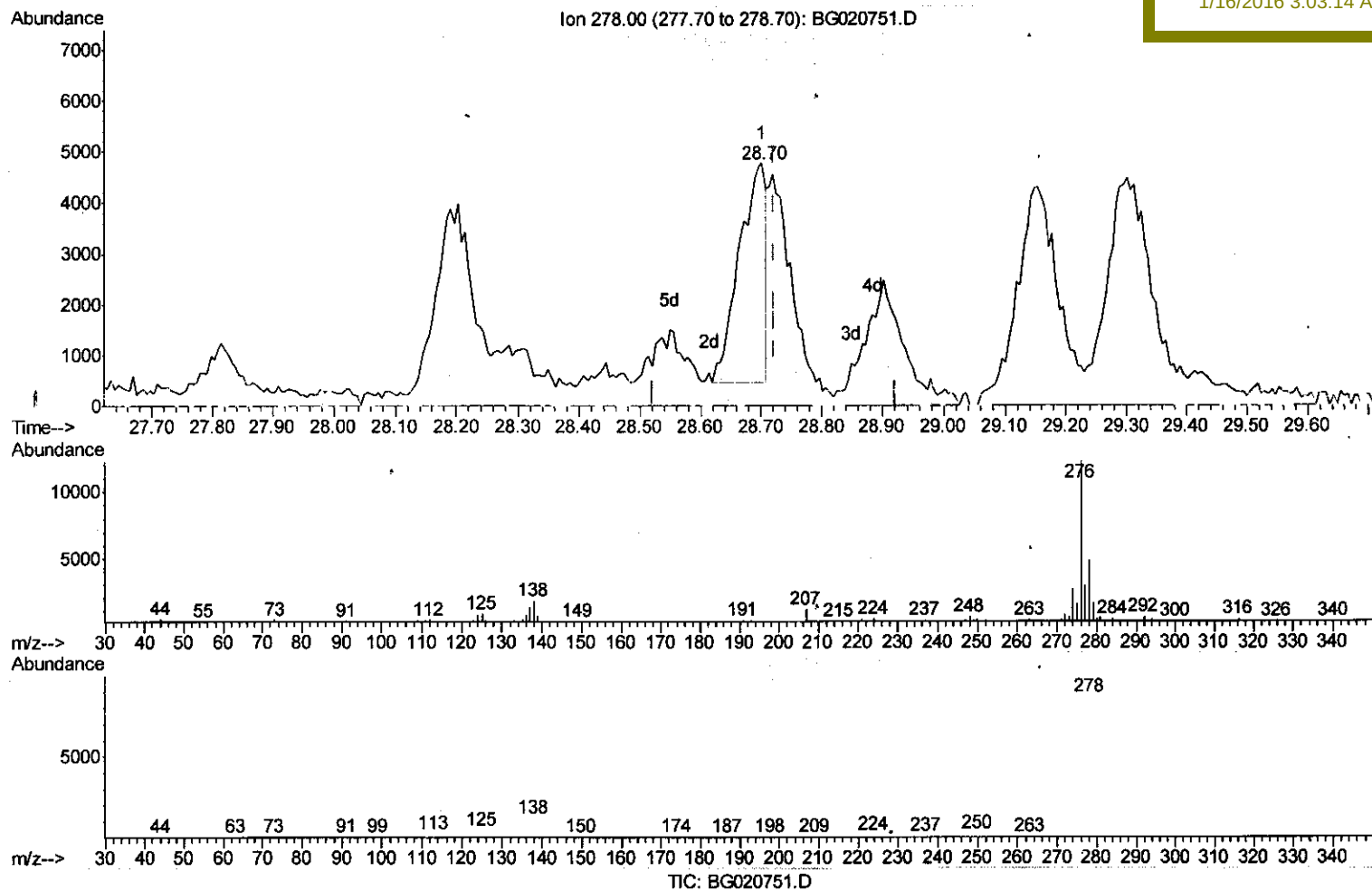
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011516\
 Data File : BG020751.D
 Acq On : 15 Jan 2016 14:04
 Operator : SJ/IZ
 Sample : H1101-13 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 BC9F4

Quant Time: Jan 15 22:18:30 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

Manual Integrations
 APPROVED

Sohil
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(93) Dibenzo(a,h)anthracene

28.702min (-0.020) 1.41ng/ul

response 13148

Ion	Exp%	Act%
278.00	100	100
139.00	11.20	14.67#
279.00	23.90	32.95#
0.00	0.00	0.00

Quantitation Report (Qedit)

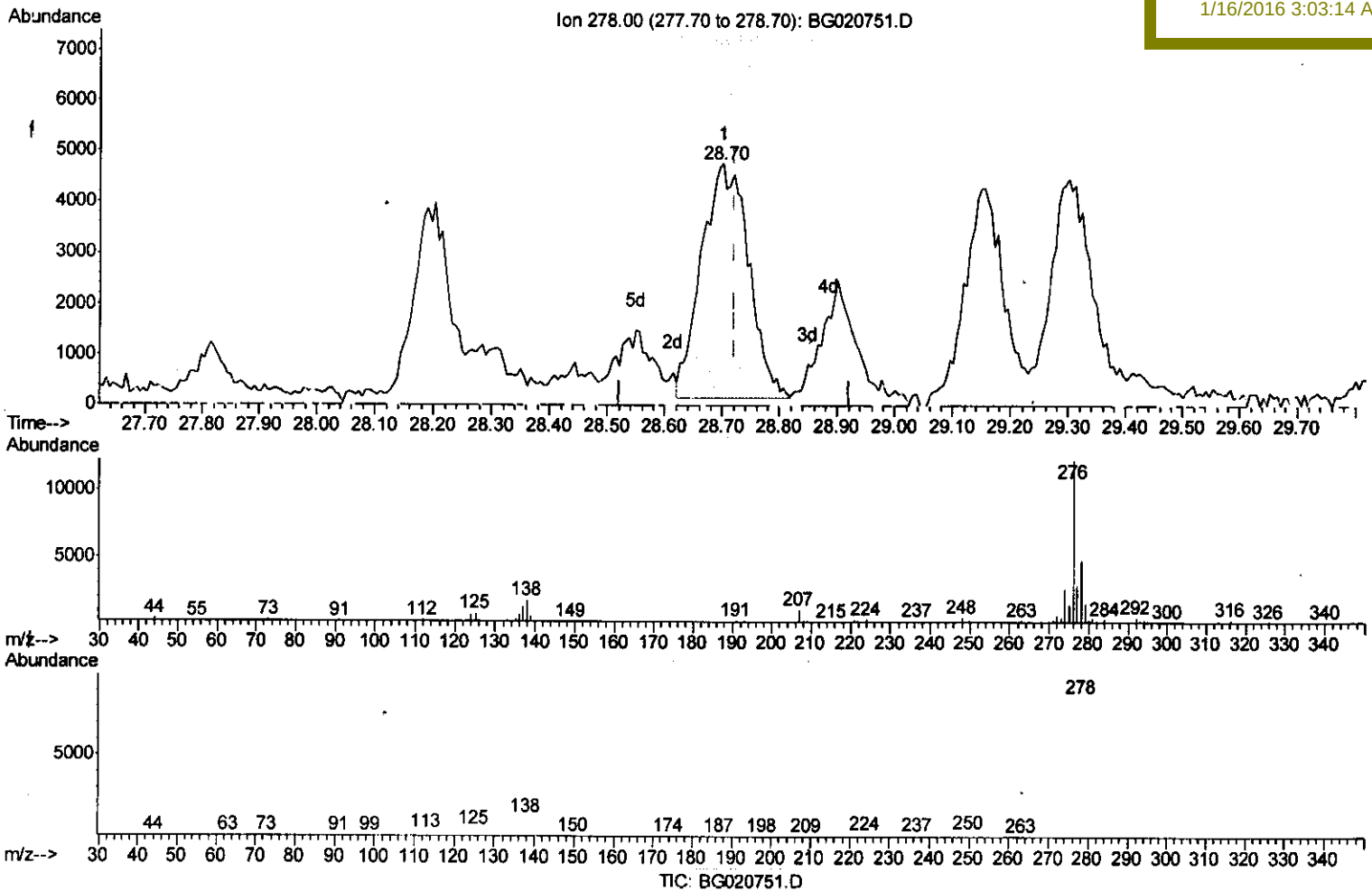
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011516\
 Data File : BG020751.D
 Acq On : 15 Jan 2016 14:04
 Operator : SJ/IZ
 Sample : H1101-13 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC9F4

Quant Time: Jan 15 22:18:30 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Manual Integrations
 APPROVED

Sohil
 1/16/2016 3:03:14 AM



(93) Dibenzo(a,h)anthracene

28.702min (-0.020) 2.82ng/ul m

response 26319

Ion Exp% Act%

278.00 100 100

139.00 11.20 11.42

279.00 23.90 32.95#

0.00 0.00 0.00

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 1/16/16

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 Acq On : 15 Jan 2016 14:04
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 ALS Vial : 21 Sample Multiplier: 1

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Manual Integrations
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Sohil
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	18639	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	80050	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	56598	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	138054	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	160392	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	155176	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	1845	1.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	1074	1.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	1712	1.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	1448	1.07	ng/ul	0.00
19) Nitrobenzene-d5	9.21	128	744m	1.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	970	1.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	1575	1.13	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	14.08	166	7346	1.49	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	8584	1.55	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.67	176	7499	1.70	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	372	0.50	ng/ul	0.00
71) Anthracene-d10	17.53	188	11355m	1.68	ng/ul	0.00
79) Pyrene-d10	19.81	212	13897m	1.82	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	13625	1.65	ng/ul	0.00

Target Compounds

						Qvalue
28) Naphthalene	10.91	128	4893	1.08	ng/ul#	94
50) Acenaphthene	14.74	153	5642	1.40	ng/ul	94
59) Fluorene	15.73	166	9068	1.83	ng/ul#	90
70) Phenanthrene	17.47	178	187966	22.88	ng/ul	99
72) Anthracene	17.56	178	26011	3.14	ng/ul	96
75) Carbazole	17.83	167	13437	1.98	ng/ul	99
77) Fluoranthene	19.48	202	290466	29.09	ng/ul	99
80) Pyrene	19.84	202	318201	31.29	ng/ul	99
83) Benzo(a)anthracene	21.68	228	157947	15.78	ng/ul	97
85) Chrysene	21.75	228	171310	18.11	ng/ul	97
88) Benzo(b)fluoranthene	23.93	252	172792	17.29	ng/ul	98
89) Benzo(k)fluoranthene	23.98	252	59419m	6.02	ng/ul	
91) Benzo(a)pyrene	24.80	252	136829	14.22	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.67	276	81181	7.15	ng/ul#	97
93) Dibenzo(a,h)anthracene	28.70	278	26319m	2.82	ng/ul	
94) Benzo(g,h,i)perylene	29.85	276	81698	8.73	ng/ul	99

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