

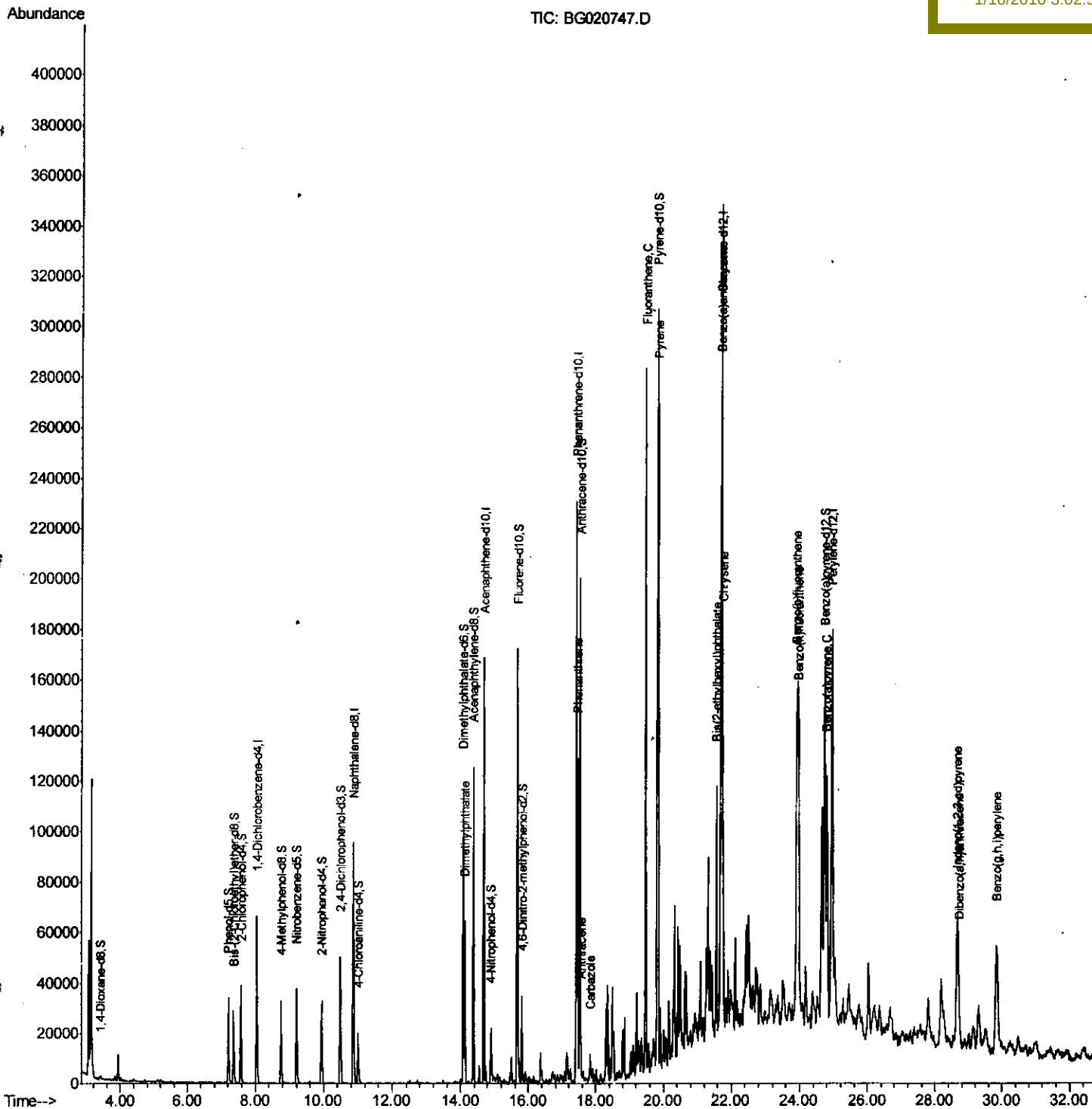
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011516\
Data File : BG020747.D
Acq On : 15 Jan 2016 .11:27
Operator : SJ/IZ
Sample : H1101-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jan 15 22:47:23 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
ClientSampled :
BC9E8

Manual Integrations
APPROVED

Sohil
1/16/2016 3:02:50 AM



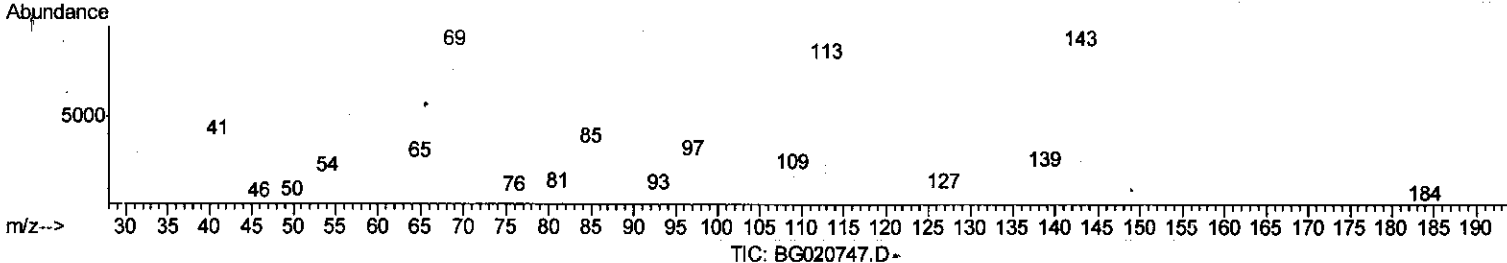
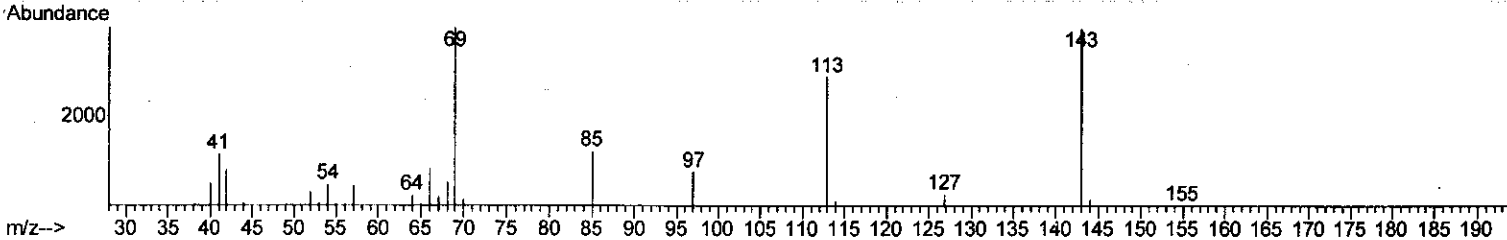
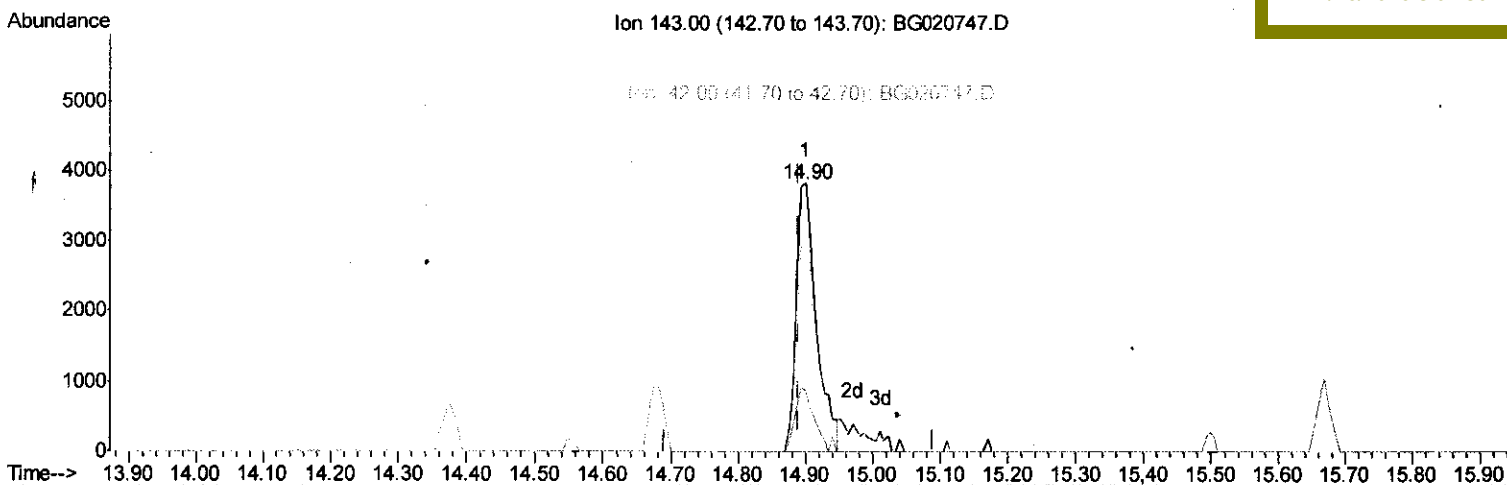
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011516\
Data File : BG020747.D
Acq On : 15 Jan 2016 , 11:27
Operator : SJ/IZ
Sample : H1101-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jan 15 22:16:36 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 :
BC9E8

Manual Integrations
APPROVED

Sohil
1/16/2016 3:02:50 AM



(52) 4-Nitrophenol-d4 (S)

14.900min (+0.009) 11.73ng/ul

response 7957

Ion	Exp%	Act%
143.00	100	100
113.00	77.10	74.11
41.00	32.60	31.60
42.00	22.30	22.96

Quantitation Report (Qedit)

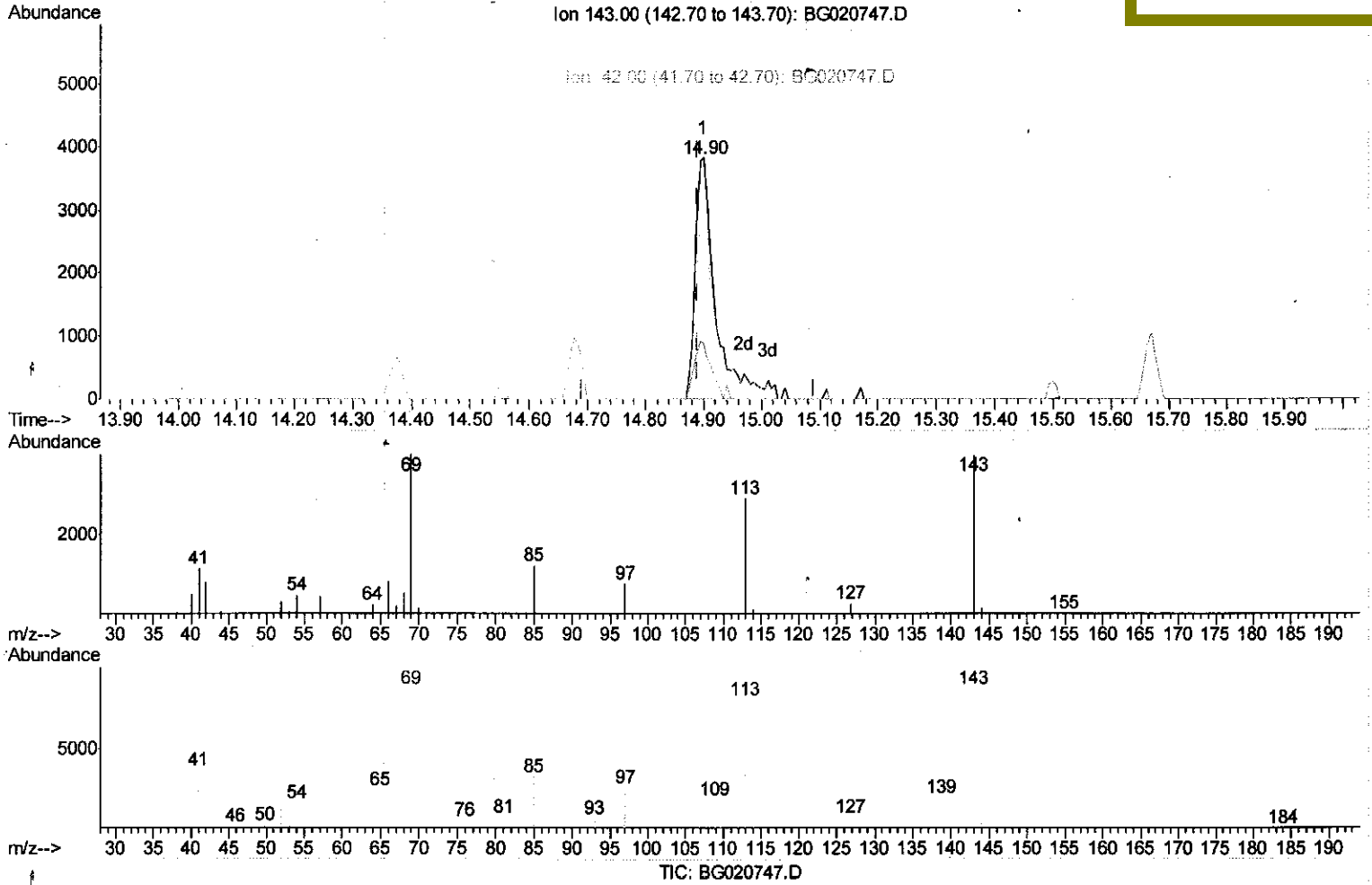
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011516\
 Data File : BG020747.D
 Acq On : 15 Jan 2016 11:27
 Operator : SJ/IZ
 Sample : H1101-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC9E8

Manual Integrations
 APPROVED

Sohil
 1/16/2016 3:02:50 AM

Quant Time: Jan 15 22:16:36 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



(52) 4-Nitrophenol-d4 (S)

14.900min (+0.009) 13.57ng/ul m

response 9207

Ion	Exp%	Act%
143.00	100	100
113.00	77.10	74.11
41.00	32.60	31.60
42.00	22.30	22.96

S.J
 1/16/16

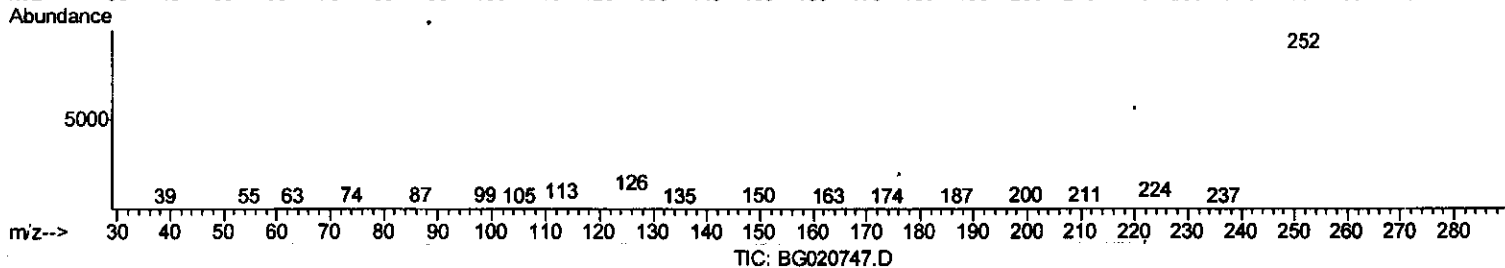
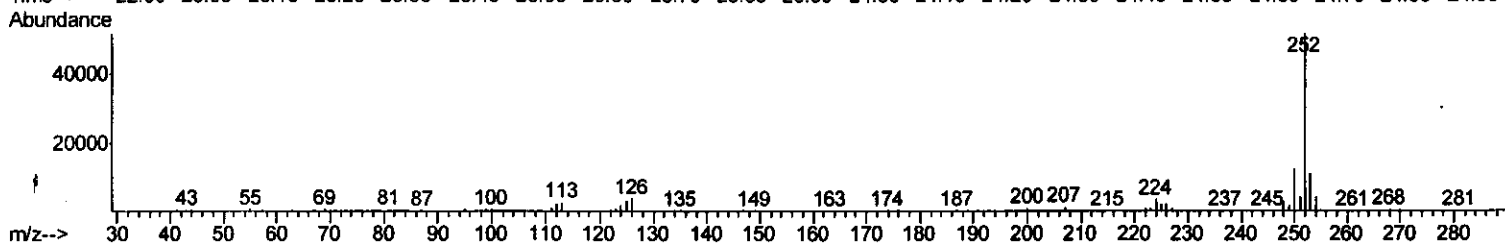
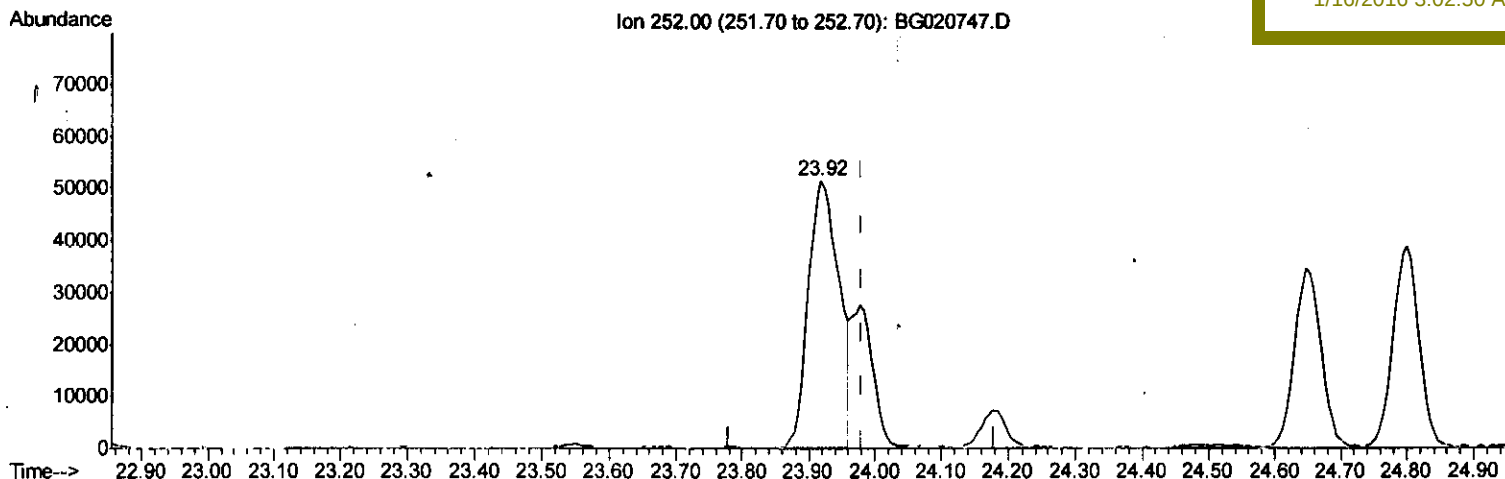
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011516\
Data File : BG020747.D
Acq On : 15 Jan 2016 11:27
Operator : SJ/IZ
Sample : H1101-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jan 15 22:16:36 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 :
BC9E8

Manual Integrations
APPROVED

Sohil
1/16/2016 3:02:50 AM



(89) Benzo(k)fluoranthene

23.919min (-0.062) 15.51ng/ul

response 167435

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	21.82
125.00	6.70	6.22
0.00	0.00	0.00

Quantitation Report (Qedit)

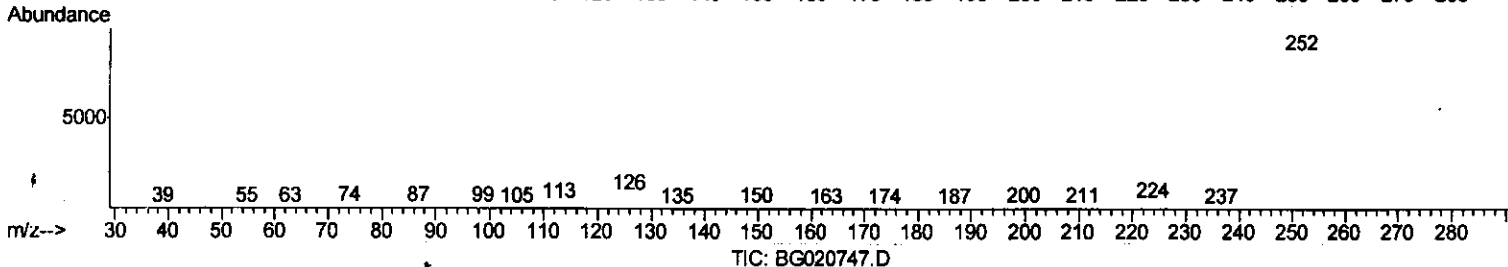
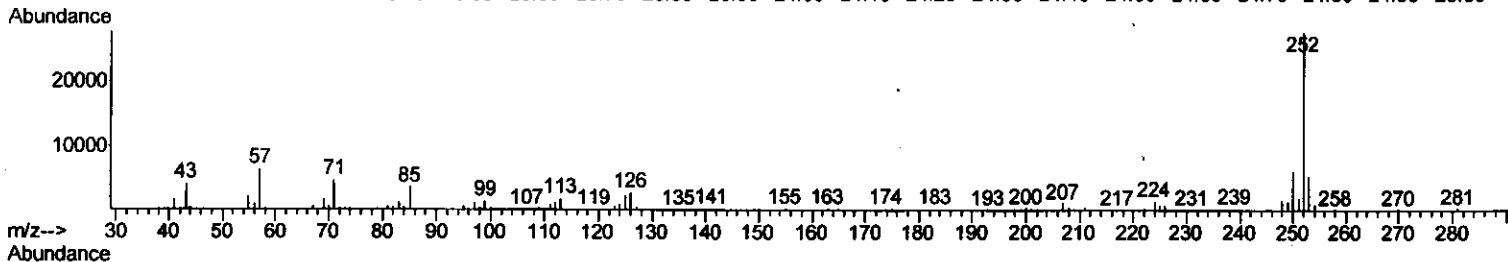
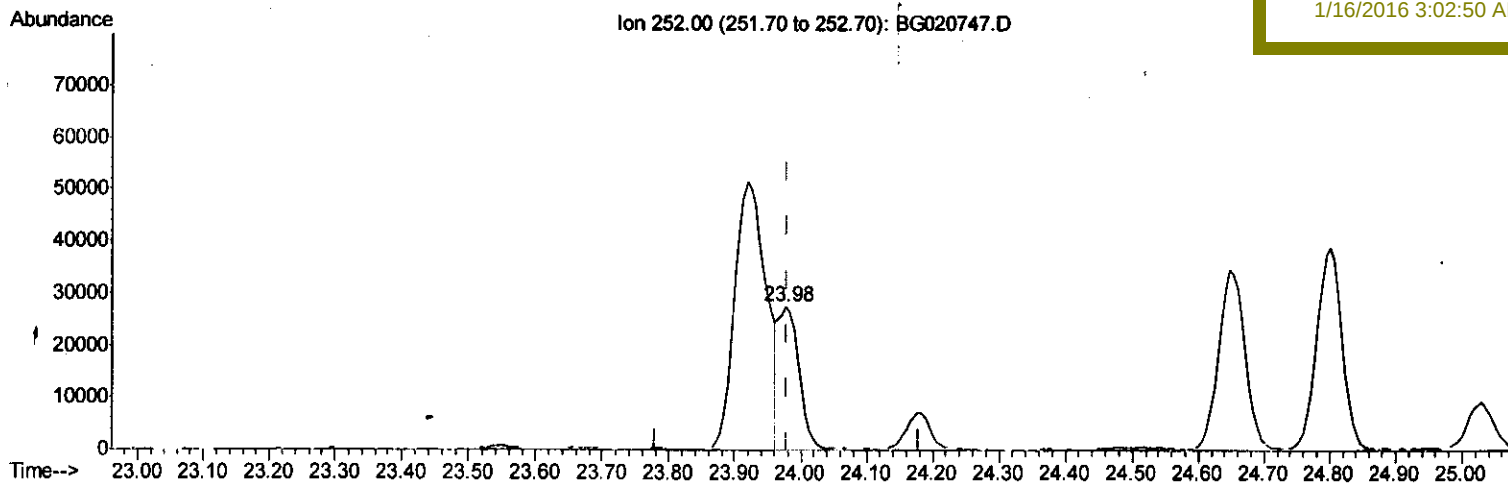
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011516\
 Data File : BG020747.D
 Acq On : 15 Jan 2016 11:27
 Operator : SJ/IZ
 Sample : H1101-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jan 15 22:16:36 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 :
 BC9E8

Manual Integrations
 APPROVED

Sohil
 1/16/2016 3:02:50 AM



(89) Benzo(k)fluoranthene

23.977min (-0.003) 5.76ng/ul m

response 62200

S.J
 1/16/16

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	19.79
125.00	6.70	8.48#
0.00	0.00	0.00

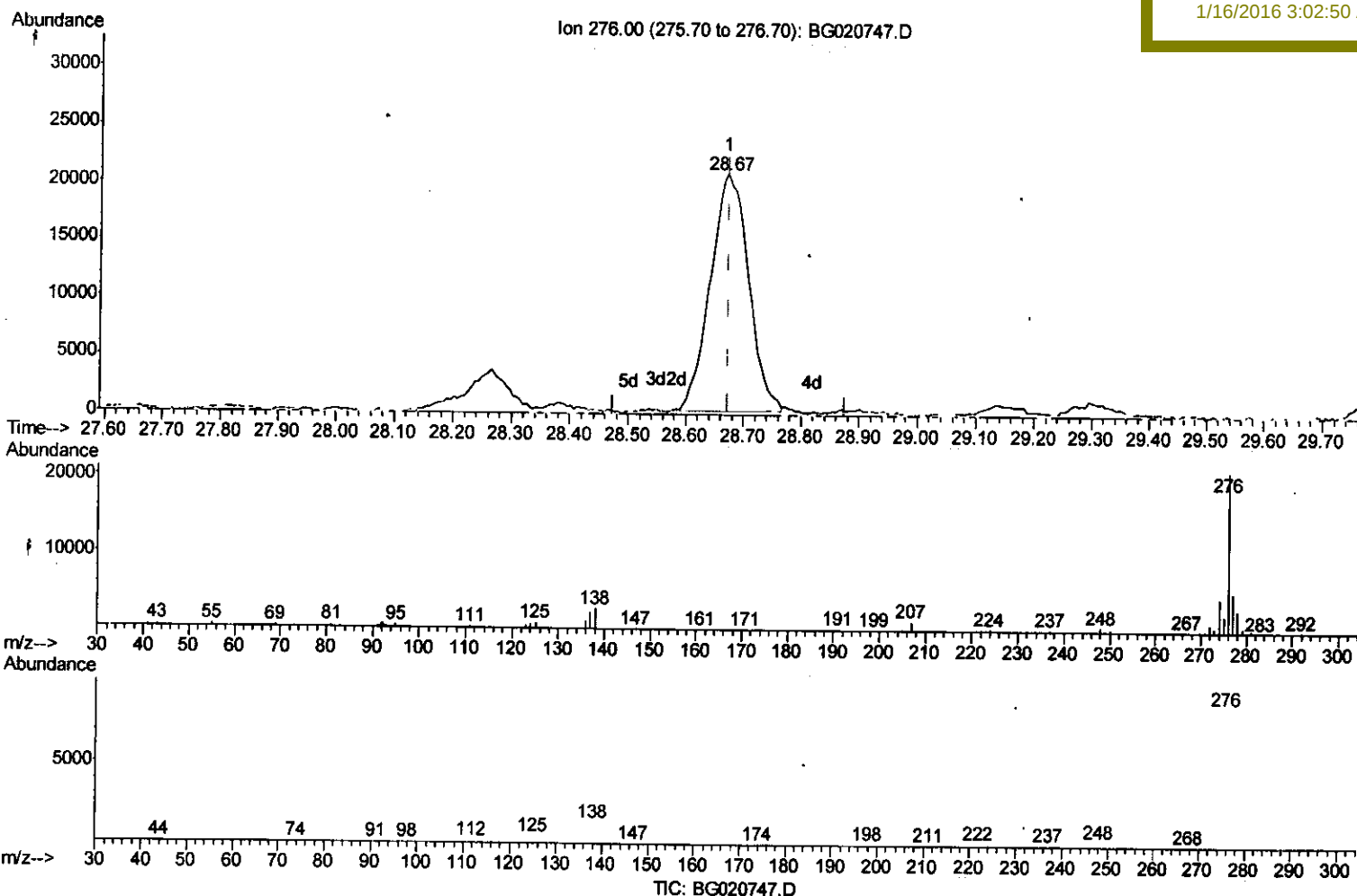
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011516\
Data File : BG020747.D
Acq On : 15 Jan 2016 11:27
Operator : SJ/IZ
Sample : H1101-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jan 15 22:16:36 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 :
BC9E8

Manual Integrations
APPROVED

Sohil
1/16/2016 3:02:50 AM



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

28.672min (-0.003) 7.63ng/ul

response 94698

Ion	Exp%	Act%
276.00	100	100
138.00	13.60	13.35
277.00	23.60	25.09
0.00	0.00	0.00

Quantitation Report (Qedit)

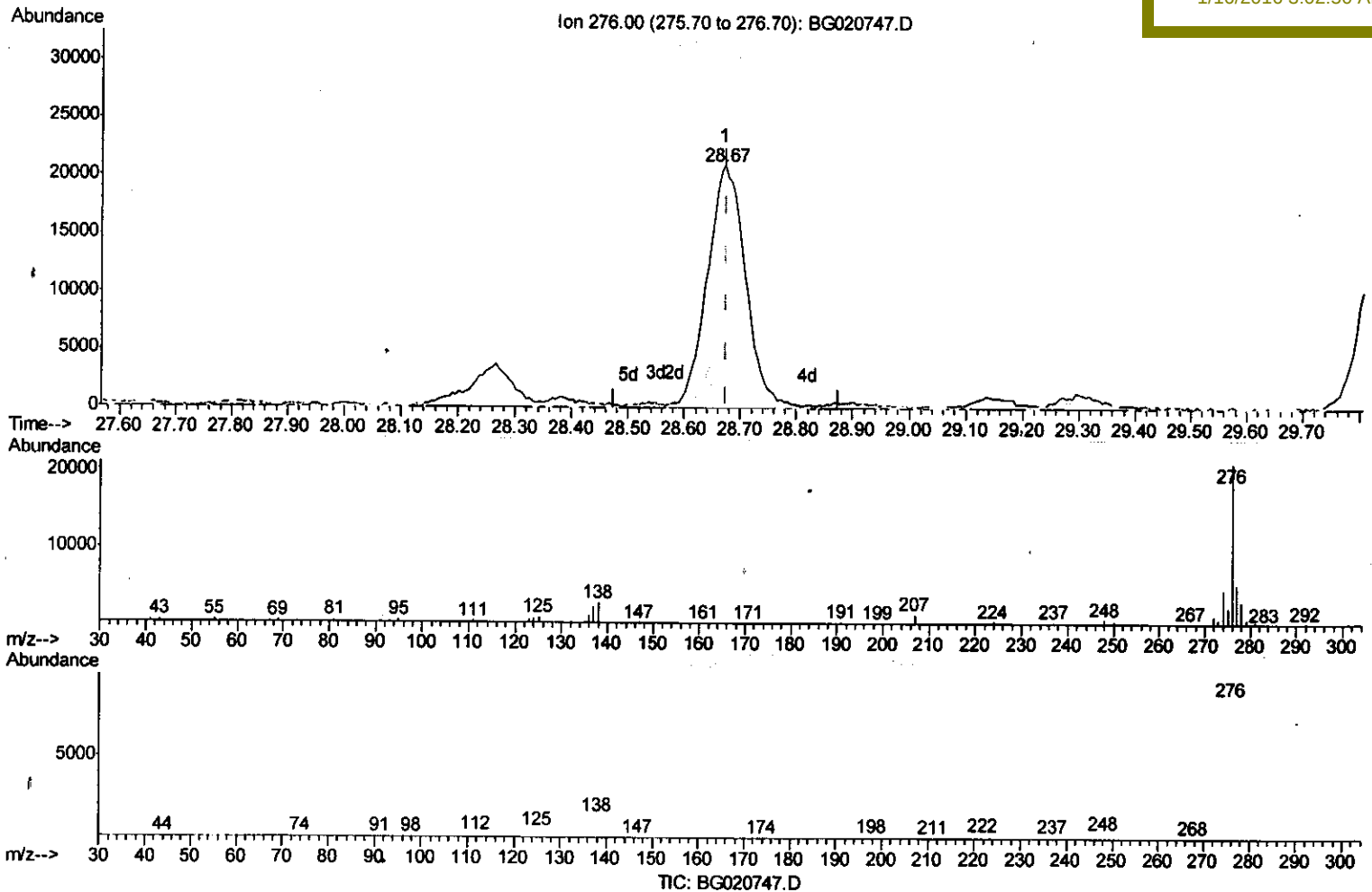
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011516\
 Data File : BG020747.D
 Acq On : 15 Jan 2016 11:27
 Operator : SJ/IZ
 Sample : H1101-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC9E8

Quant Time: Jan 15 22:16:36 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 3:02:50 AM



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

28.672min (-0.003) 8.04ng/ul m

response 99810

Ion Exp% Act%

276.00 100 100

138.00 13.60 13.35

277.00 23.60 25.09

0.00 0.00 0.00

S.J.
 1/16/16

Quantitation Report (Qedit)

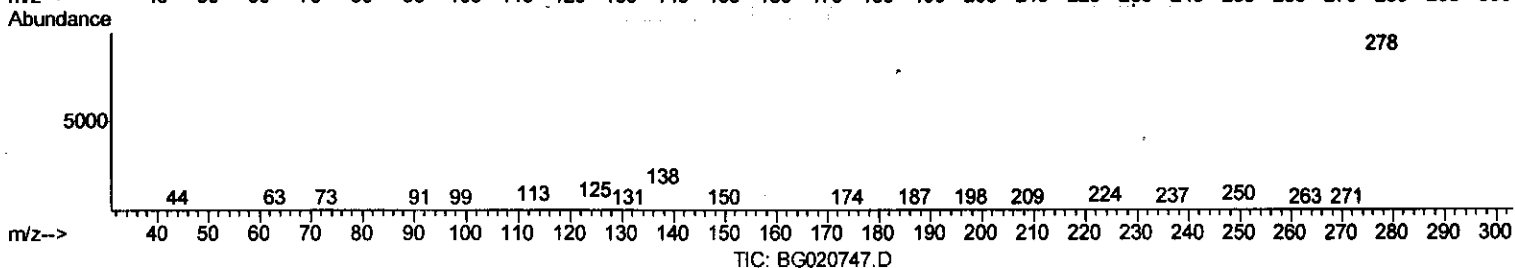
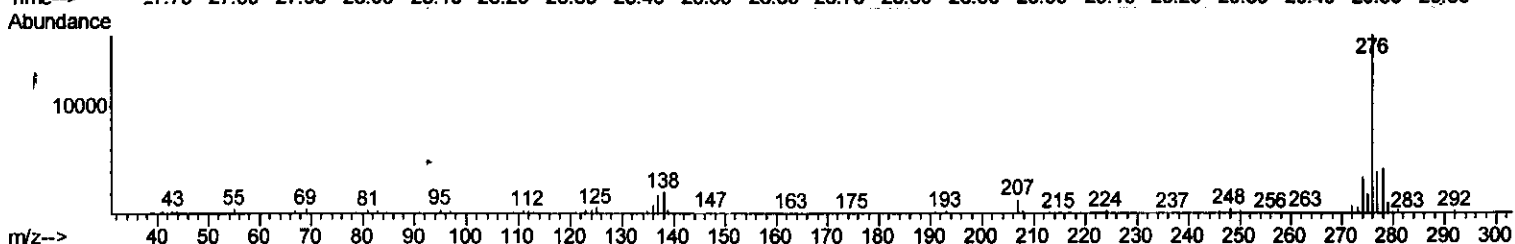
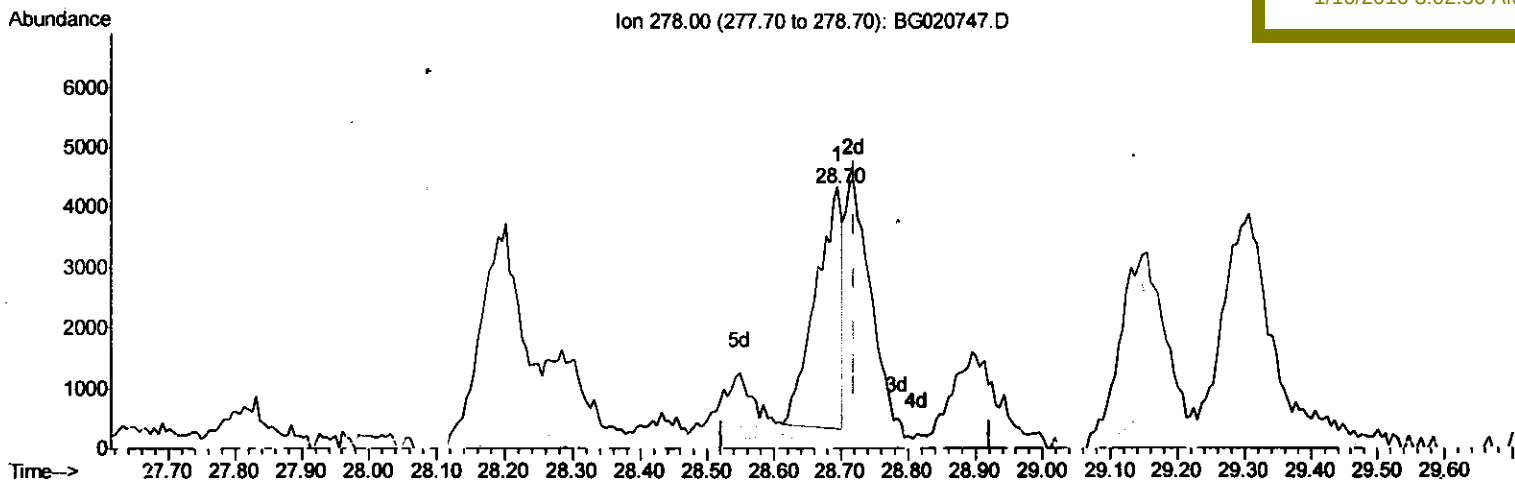
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011516\
 Data File : BG020747.D
 Acq On : 15 Jan 2016 11:27
 Operator : SJ/IZ
 Sample : H1101-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC9E8

Quant Time: Jan 15 22:16:36 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 3:02:50 AM



(93) Dibenzo(a,h)anthracene

28.695min (-0.026) 1.06ng/ul

response 10872

Ion	Exp%	Act%
278.00	100	100
139.00	11.20	10.50
279.00	23.90	26.71
0.00	0.00	0.00

Quantitation Report (Qedit)

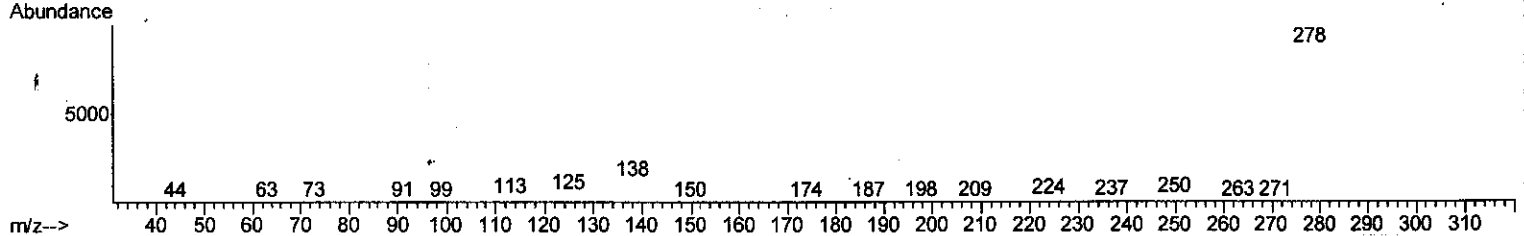
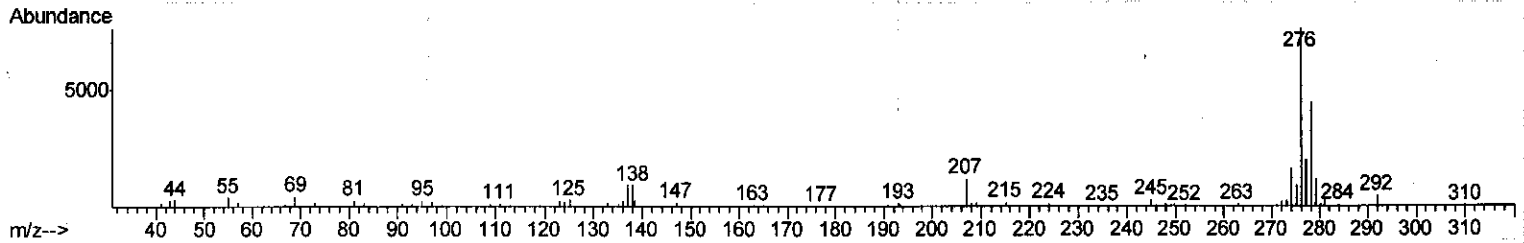
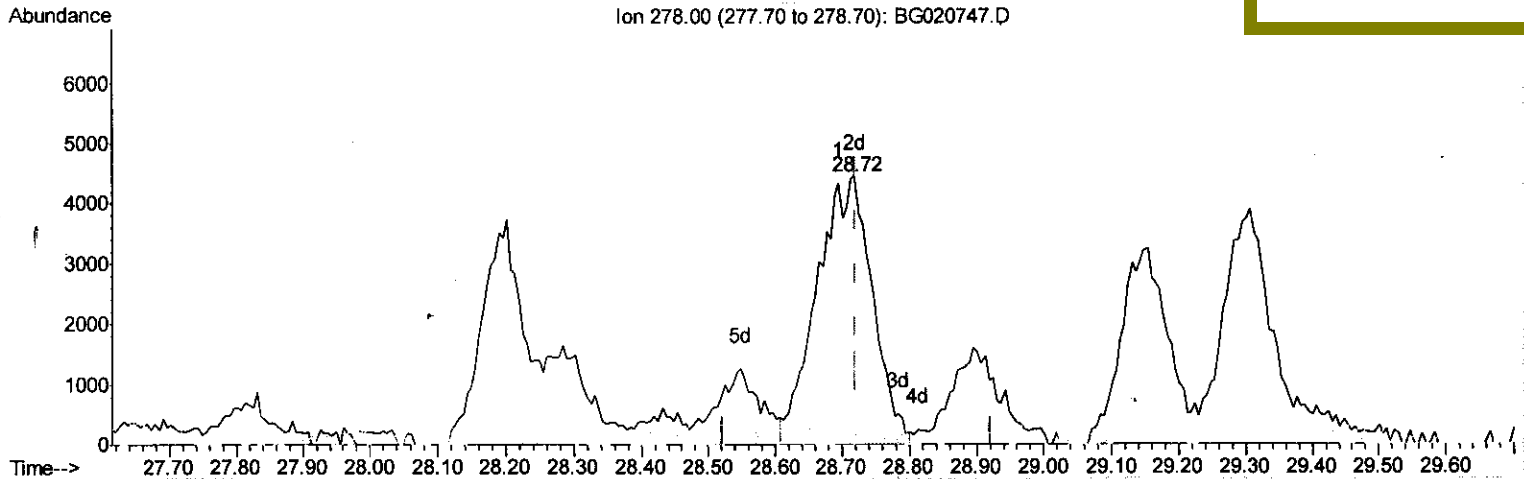
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011516\
 Data File : BG020747.D
 Acq On : 15 Jan 2016 11:27
 Operator : SJ/IZ
 Sample : H1101-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC9E8

Quant Time: Jan 15 22:16:36 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 3:02:50 AM



TIC: BG020747.D

(93) Dibenzo(a,h)anthracene

28.719min (-0.003) 2.50ng/ul m

response 25545

Ion Exp% Act%

278.00 100 100

139.00 11.20 0.00#

279.00 23.90 28.18

0.00 0.00 0.00

S.J
 1/16/16

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011516\
 Data File : BG020747.D
 Acq On : 15 Jan 2016 11:27
 Operator : SJ/IZ
 Sample : H1101-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 BC9E8

Quant Time: Jan 15 22:47:23 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
 Quant Title : SVOA CALIBRATION
 Last Update : Fri Jan 15 22:12:27 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Sohil
 1/16/2016 3:02:50 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	18843	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	83239	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	57899	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	148742	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	177236	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	169724	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.40	96	936	2.43	ng/uL	0.00
5) Phenol-d5	7.20	99	23144	14.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	14824	15.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	19667	15.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	14376	10.55	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	10254	15.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	12006	15.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	22115	15.22	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	14379	10.00	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	80386	15.91	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	96643	17.03	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	9207m	13.57	ng/ul	0.00
58) Fluorene-d10	15.67	176	76544	16.99	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	9696	11.99	ng/ul	0.00
71) Anthracene-d10	17.53	188	120035	16.46	ng/ul	0.00
79) Pyrene-d10	19.81	212	144085	17.09	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	152238	16.83	ng/ul	0.00

Target Compounds

					Qvalue
45) Dimethylphthalate	14.12	163	46062	8.48	ng/ul 98
70) Phenanthrene	17.47	178	83545	9.44	ng/ul 99
72) Anthracene	17.56	178	16862	1.89	ng/ul 100
75) Carbazole	17.84	167	8308	1.13	ng/ul# 93
77) Fluoranthene	19.48	202	179154	16.65	ng/ul 100
80) Pyrene	19.84	202	171101	15.22	ng/ul 99
83) Benzo(a)anthracene	21.68	228	97099	8.78	ng/ul 98
84) Bis(2-ethylhexyl)phthalate	21.56	149	37863	6.80	ng/ul 98
85) Chrysene	21.74	228	120642	11.54	ng/ul 99
88) Benzo(b)fluoranthene	23.92	252	167435	15.31	ng/ul 100
89) Benzo(k)fluoranthene	23.98	252	62200m	5.76	ng/ul
91) Benzo(a)pyrene	24.80	252	103667	9.85	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	28.67	276	99810m	8.04	ng/ul
93) Dibenzo(a,h)anthracene	28.72	278	25545m	2.50	ng/ul
94) Benzo(g,h,i)perylene	29.84	276	92026	8.99	ng/ul 97

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