

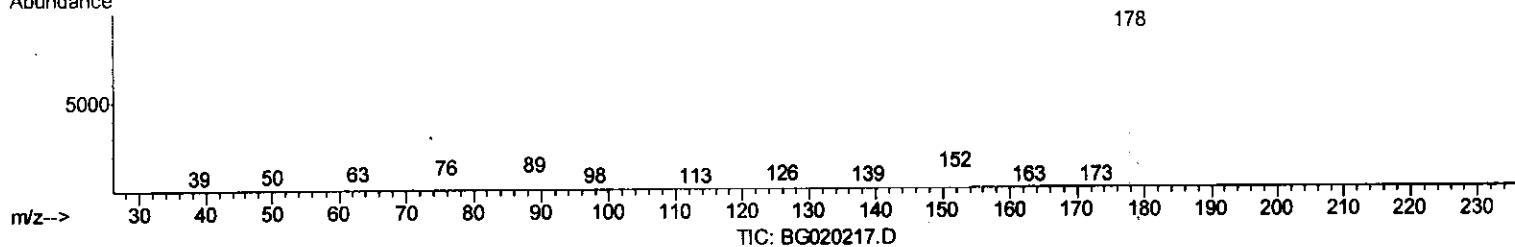
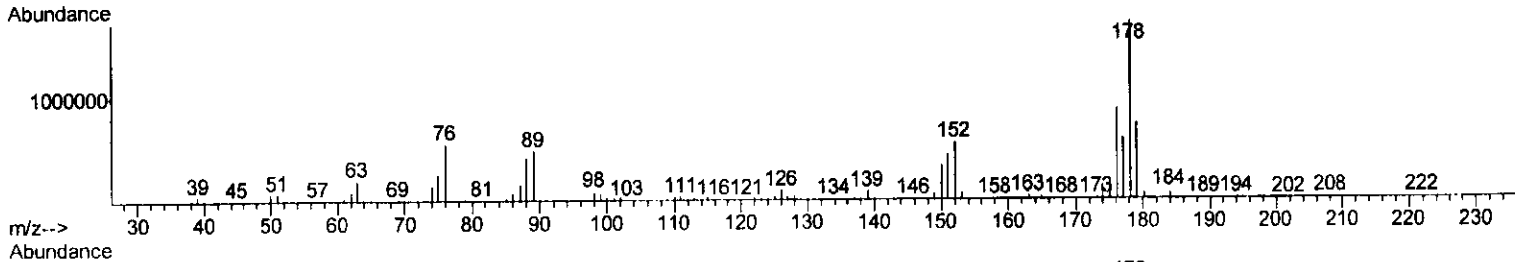
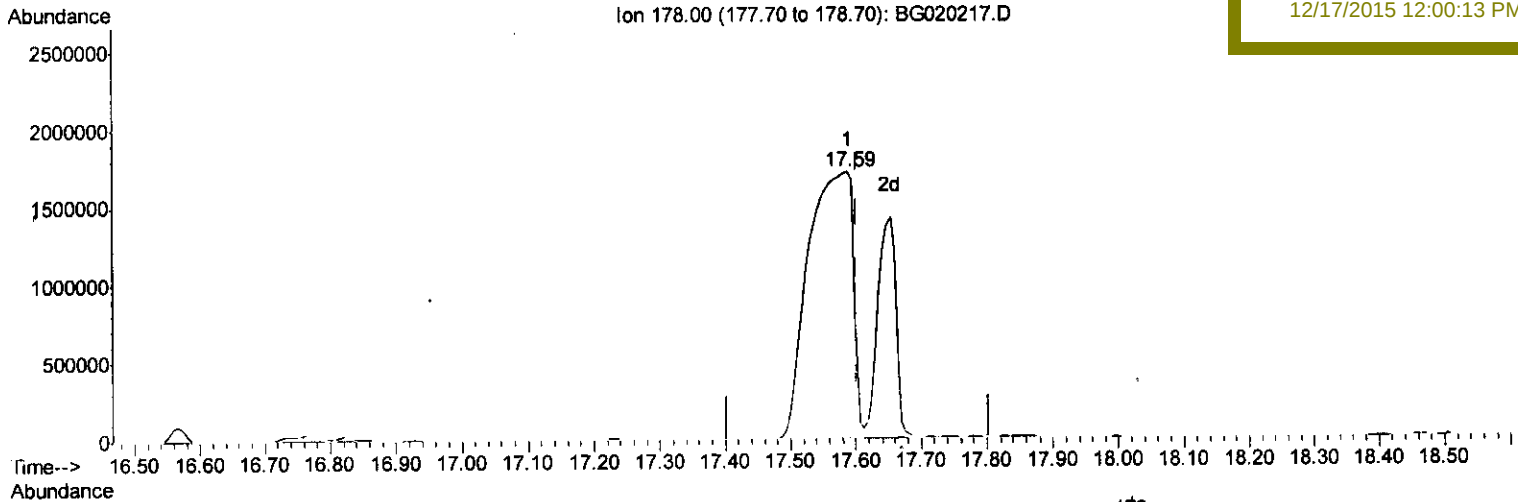
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020217.D
Acq On : 16 Dec 2015 9:07
Operator : UM/SJ
Sample : G4767-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 17 00:39:52 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 17 00:37:15 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9N29

Manual Integrations
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(72) Anthracene

17.588min (-0.014) 474.84ng/ul

response 8132986

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	42.67#
176.00	17.90	50.98#
0.00	0.00	0.00

Quantitation Report (Qedit)

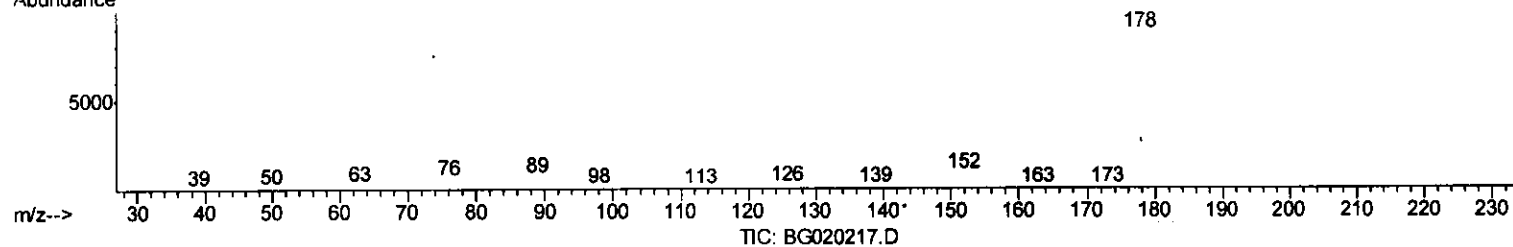
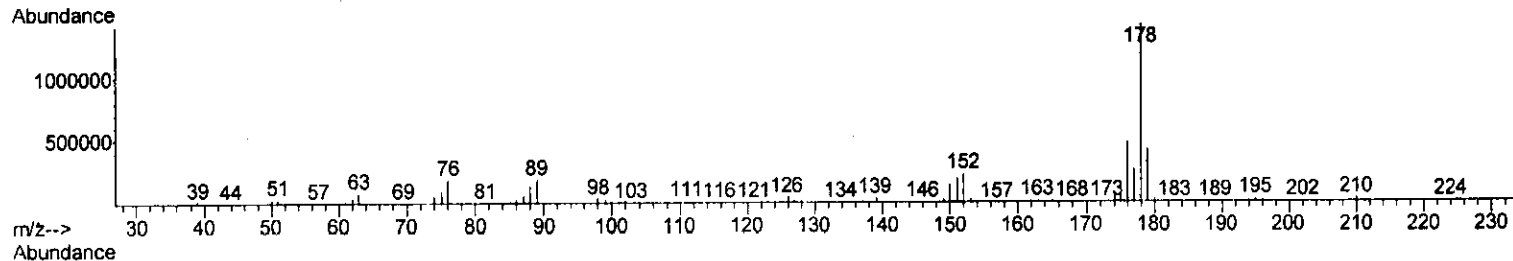
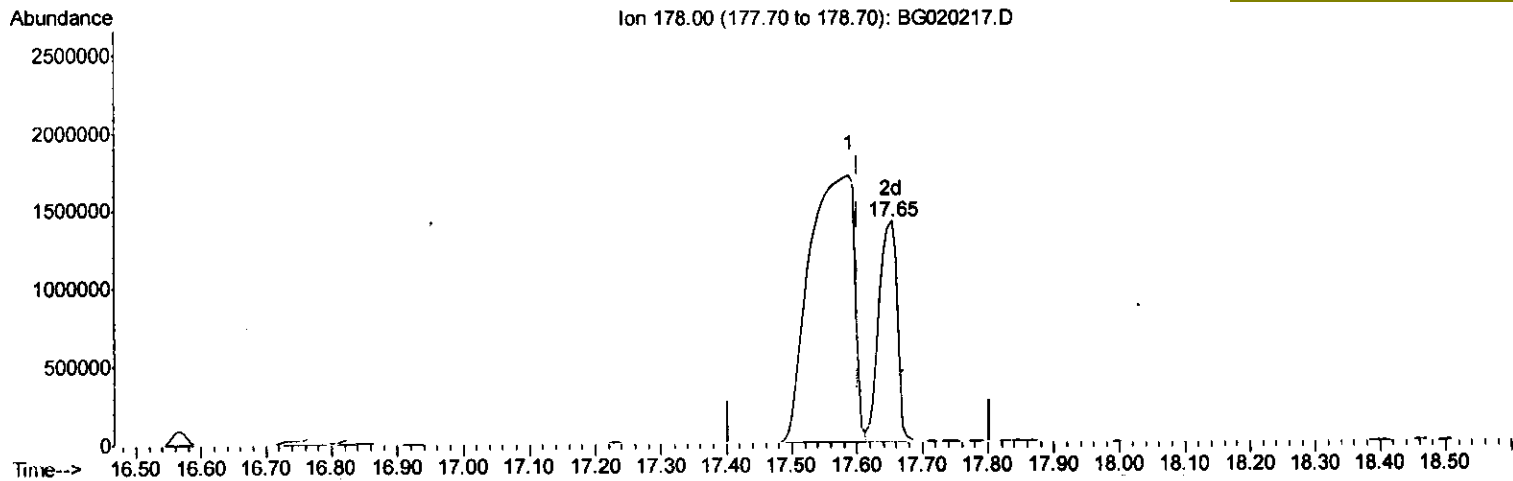
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
 Data File : BG020217.D
 Acq On : 16 Dec 2015 9:07
 Operator : UM/SJ
 Sample : G4767-07
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Instrument :
 BNA_G
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Manual Integrations
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(72) Anthracene

17.653min (+0.050) 159.95ng/ul m

response 2739537

Ion Exp% Act%

178.00 100 100

179.00 15.40 29.40#

176.00 17.90 33.67#

0.00 0.00 0.00

SUM
 28/12/15

Quantitation Report (Qedit)

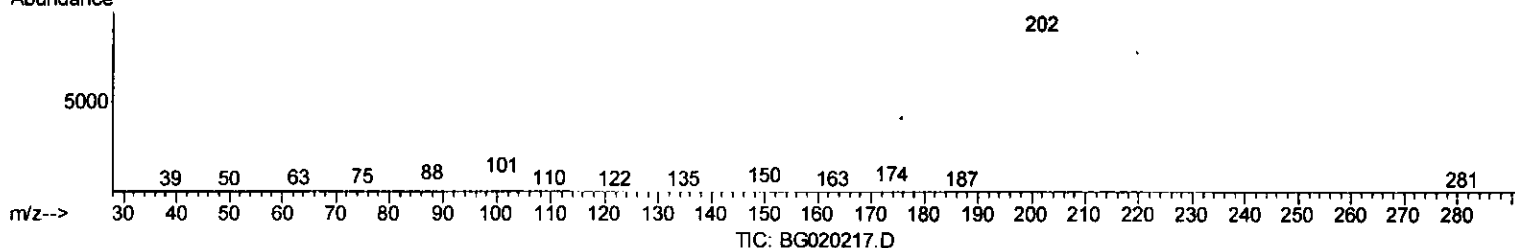
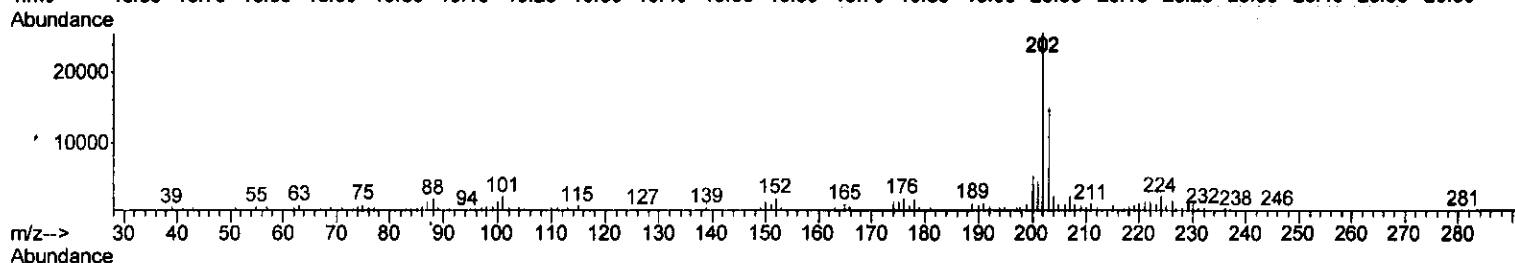
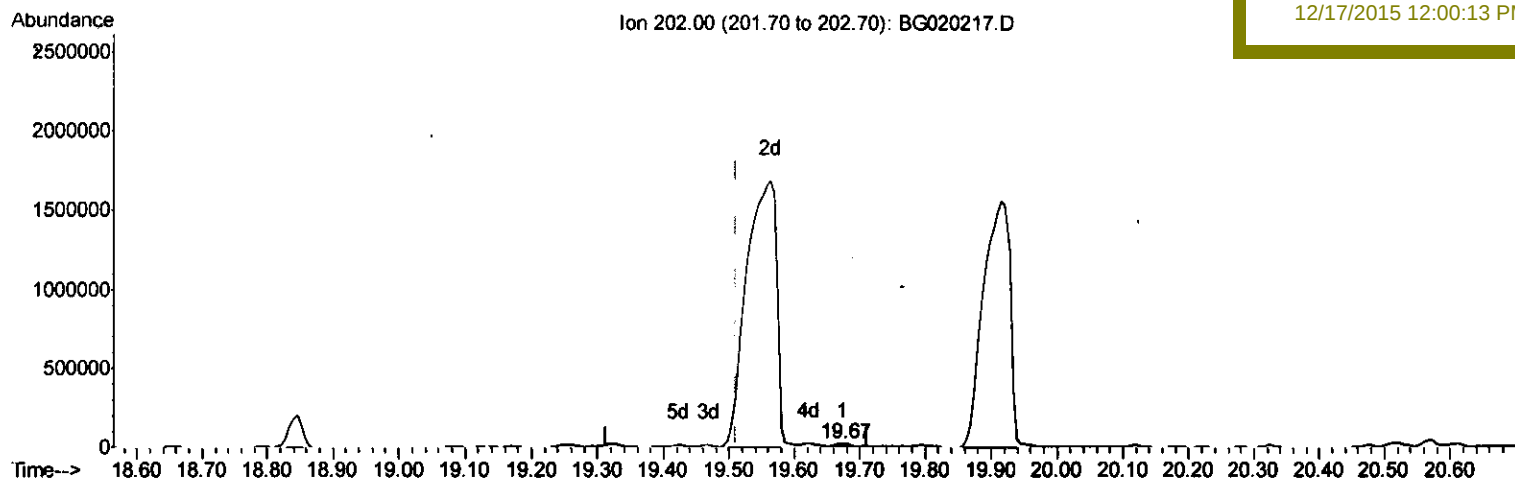
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
 Data File : BG020217.D
 Acq On : 16 Dec 2015 9:07
 Operator : UM/SJ
 Sample : G4767-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 17 00:39:52 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 17 00:37:15 2015
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Instrument :
 BNA_G
 ClientSampleId :
 D9N29

Manual Integrations
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(77) Fluoranthene (C)

19.674min (+0.162) 1.29ng/ul

response 25458

Ion	Exp%	Act%
202.00	100	100
101.00	7.80	8.65
100.00	6.40	5.47
0.00	0.00	0.00

Quantitation Report (Qedit)

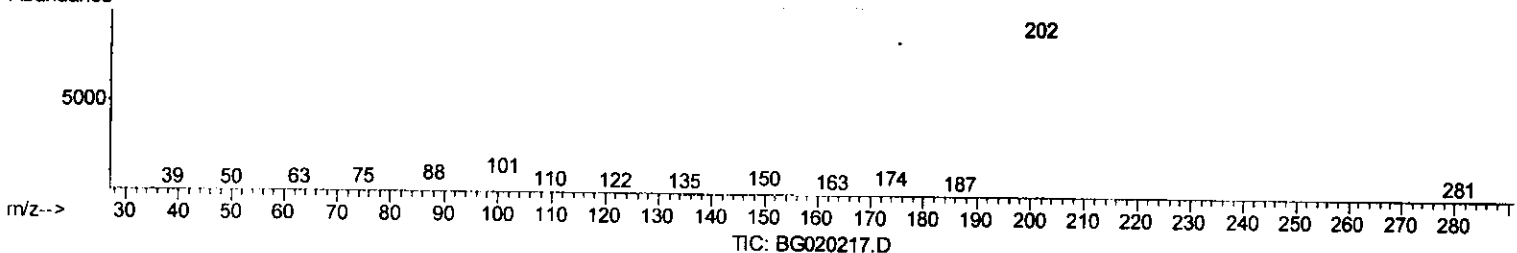
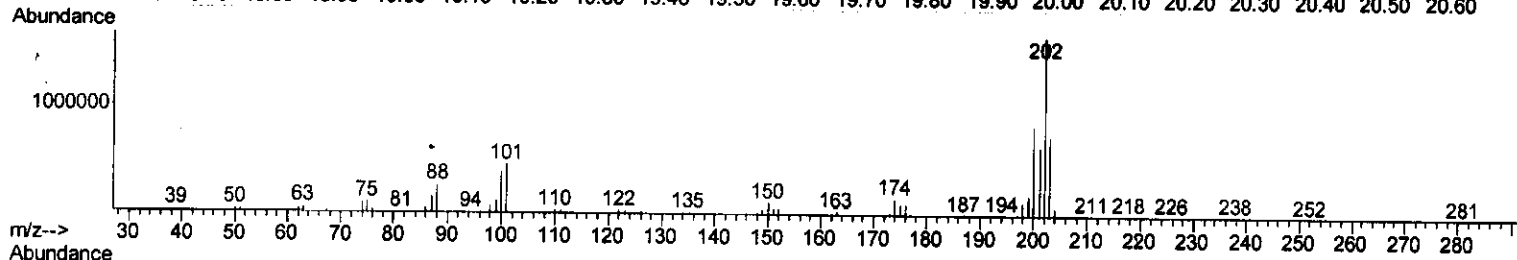
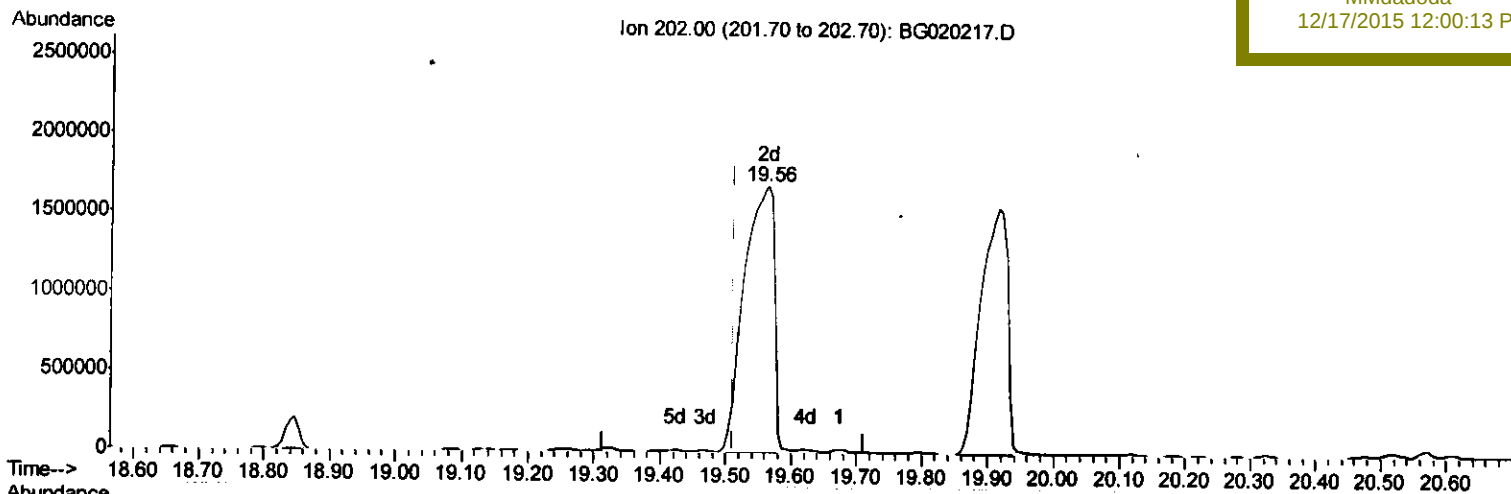
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
 Data File : BG020217.D
 Acq On : 16 Dec 2015 9:07
 Operator : UM/SJ
 Sample : G4767-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N29

Manual Integrations
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 12/17/2015 12:00:13 PM

Quant Time: Dec 17 00:39:52 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 17 00:37:15 2015
 Response via : Initial Calibration



(77) Fluoranthene (C)

19.563min (+0.050) 274.36ng/ul m

response 5414779

Ion	Exp%	Act%
202.00	100	100
101.00	7.80	27.25#
100.00	6.40	22.41#
0.00	0.00	0.00

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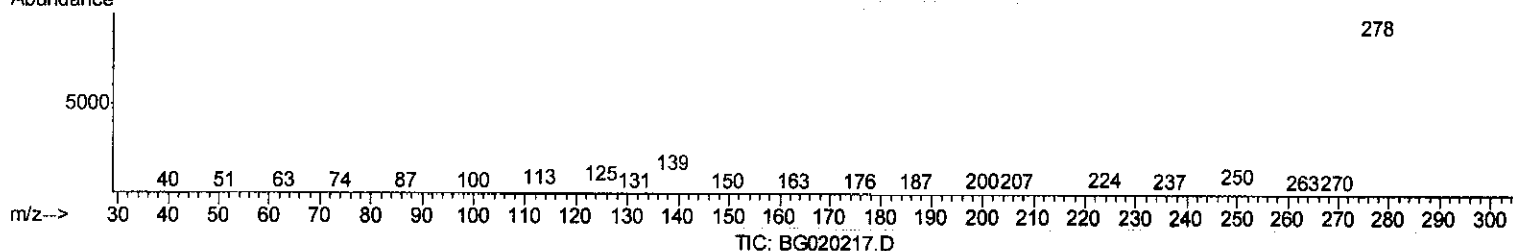
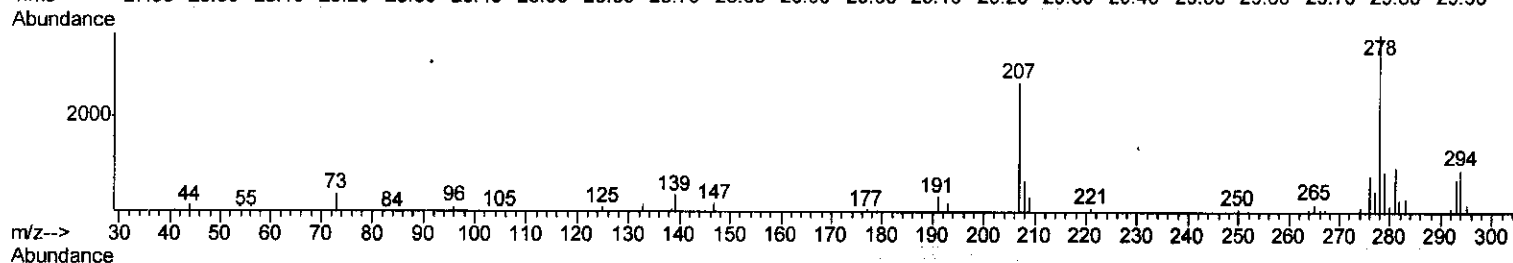
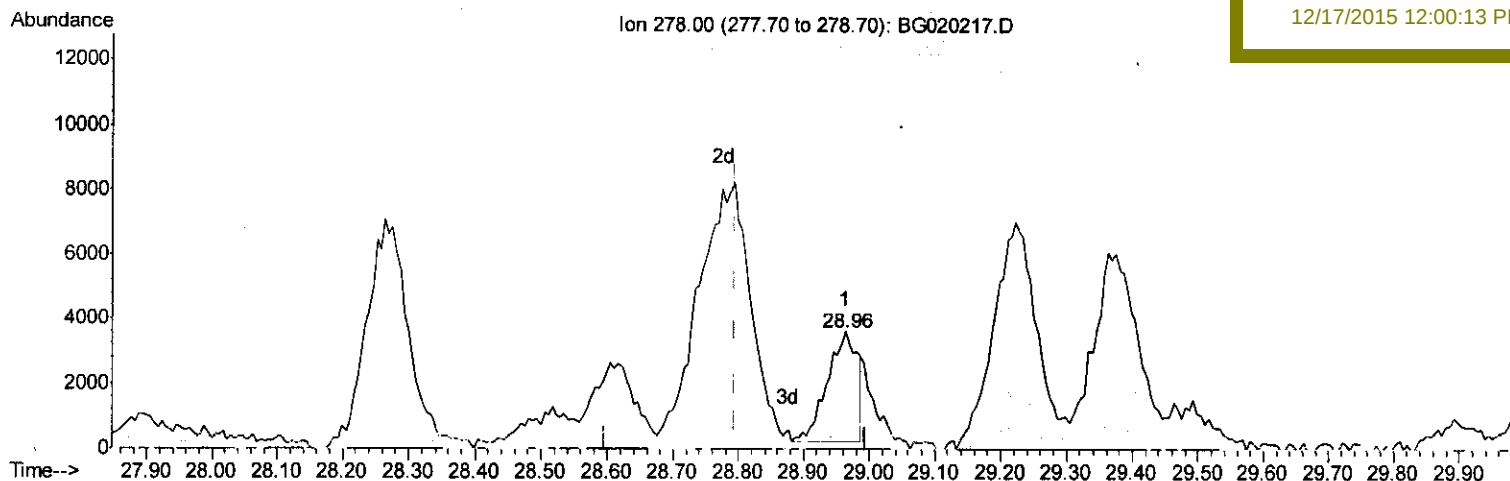
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020217.D
Acq On : 16 Dec 2015 9:07
Operator : UM/SJ
Sample : G4767-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 17 00:39:52 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 17 00:37:15 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampled :
D9N29

Manual Integrations
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(93) Dibenzo(a,h)anthracene

28.963min (+0.168) 0.53ng/ul

response 10761

Ion	Exp%	Act%
278.00	100	100
139.00	11.80	13.30
279.00	24.20	25.65
0.00	0.00	0.00

Quantitation Report (Qedit)

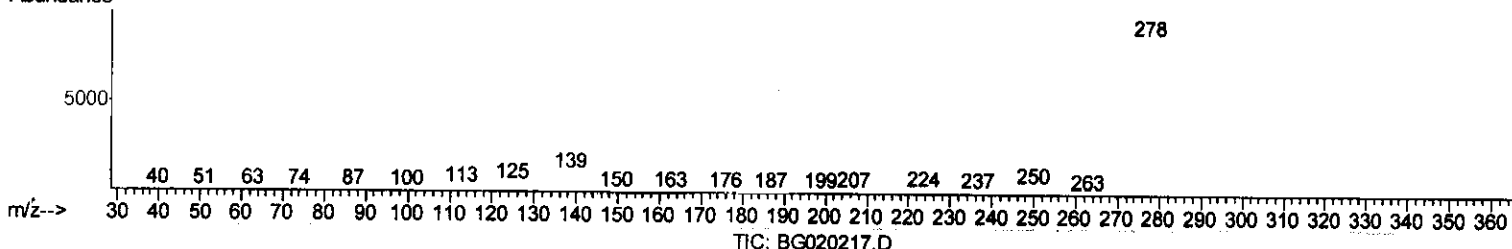
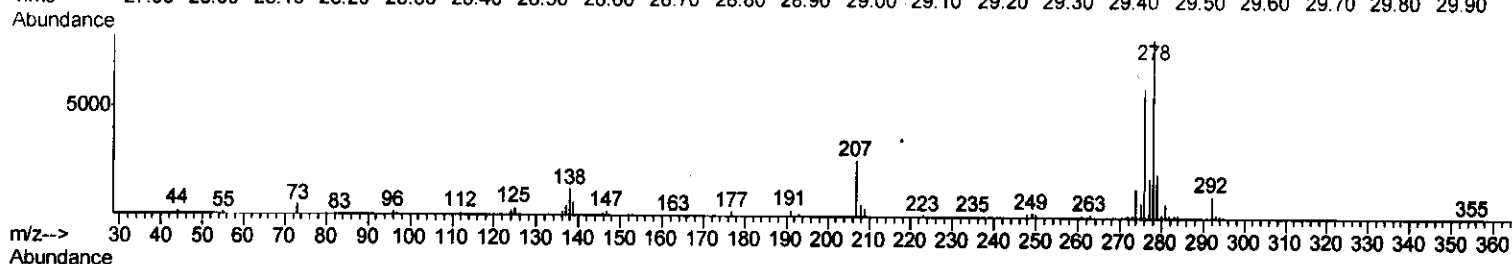
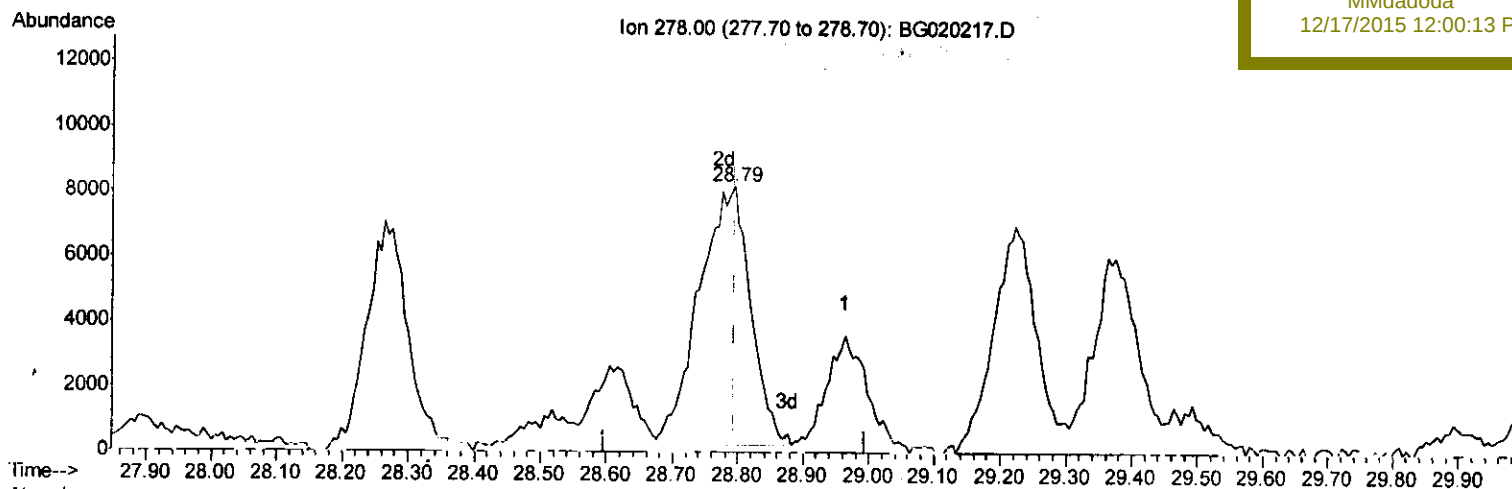
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
 Data File : BG020217.D
 Acq On : 16 Dec 2015 9:07
 Operator : UM/SJ
 Sample : G4767-07
 Misc :
 ,ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 17 00:39:52 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 17 00:37:15 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 D9N29

Manual Integrations
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(93) Dibenzo(a,h)anthracene

28.793min (-0.003) 2.14ng/ul m

response 43193

Ion	Exp%	Act%
278.00	100	100
139.00	11.80	9.34#
279.00	24.20	26.38
0.00	0.00	0.00

30.0 M
 28/12/15

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
 Data File : BG020217.D
 Acq On : 16 Dec 2015 9:07
 Operator : UM/SJ
 Sample : G4767-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N29

Quant Time: Dec 17 01:06:56 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
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Manual Integrations
 APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	50078	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	215890	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.73	164	150041	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.48	188	308729	20.00	ng/ul	0.02
78) Chrysene-d12	21.75	240	367758	20.00	ng/ul	0.01
86) Perylene-d12	25.02	264	357605	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	2366	2.61	ng/uL	0.00
5) Phenol-d5	7.25	99	70563	15.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	45563	17.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	55934	17.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	61036	16.16	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	32816	19.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	38303	20.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	67126	17.70	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	80889	18.98	ng/ul	0.00
44) Dimethylphthalate-d6	14.14	166	212576	17.52	ng/ul	0.01
47) Acenaphthylene-d8	14.43	160	241212	17.08	ng/ul	0.00
52) 4-Nitrophenol-d4	14.93	143	32535	14.95	ng/ul	0.01
58) Fluorene-d10	15.73	176	183913	16.71	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	136	0.07	ng/ul	0.00
71) Anthracene-d10	17.61	188	250098	17.58	ng/ul	0.04
79) Pyrene-d10	19.86	212	301209	17.57	ng/ul	0.02
90) Benzo(a)pyrene-d12	24.80	264	334141	18.73	ng/ul	0.01

Target Compounds

						Qvalue
28) Naphthalene	11.00	128	3787887	335.98	ng/ul#	74
34) 2-Methylnaphthalene	12.59	142	2439561	283.29	ng/ul	99
35) 1-Methylnaphthalene	12.80	142	1233539	148.99	ng/ul#	96
41) 1,1'-Biphenyl	13.57	154	1103317	97.47	ng/ul	98
45) Dimethylphthalate	14.19	163	103721	8.37	ng/ul	100
48) Acenaphthylene	14.46	152	292513	19.50	ng/ul#	95
50) Acenaphthene	14.83	153	3465308	343.33	ng/ul#	83
54) Dibenzofuran	15.16	168	3416194	227.53	ng/ul#	64
59) Fluorene	15.81	166	3479771	288.61	ng/ul#	96
70) Phenanthrene	17.59	178	8132986	481.61	ng/ul#	33
72) Anthracene	17.65	178	2739537m	159.95	ng/ul	
75) Carbazole	17.89	167	1208366	83.96	ng/ul	94
77) Fluoranthene	19.56	202	5414779m	274.36	ng/ul	
80) Pyrene	19.92	202	4300376	193.20	ng/ul#	64
83) Benzo(a)anthracene	21.74	228	1638601	76.36	ng/ul#	90
85) Chrysene	21.81	228	1360206	67.30	ng/ul#	91
88) Benzo(b)fluoranthene	23.98	252	790319	36.72	ng/ul	96
89) Benzo(k)fluoranthene	24.05	252	273926	13.26	ng/ul	98
91) Benzo(a)pyrene	24.87	252	471054	23.09	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	28.74	276	147033	6.05	ng/ul	94
93) Dibenzo(a,h)anthracene	28.79	278	43193m	2.14	ng/ul	
94) Benzo(g,h,i)perylene	29.90	276	110711	5.56	ng/ul	97

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 28/12/15

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Manual Integrations
APPROVED

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12/17/2015 12:00:13 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

