

Quantitation Report (QT Reviewed)

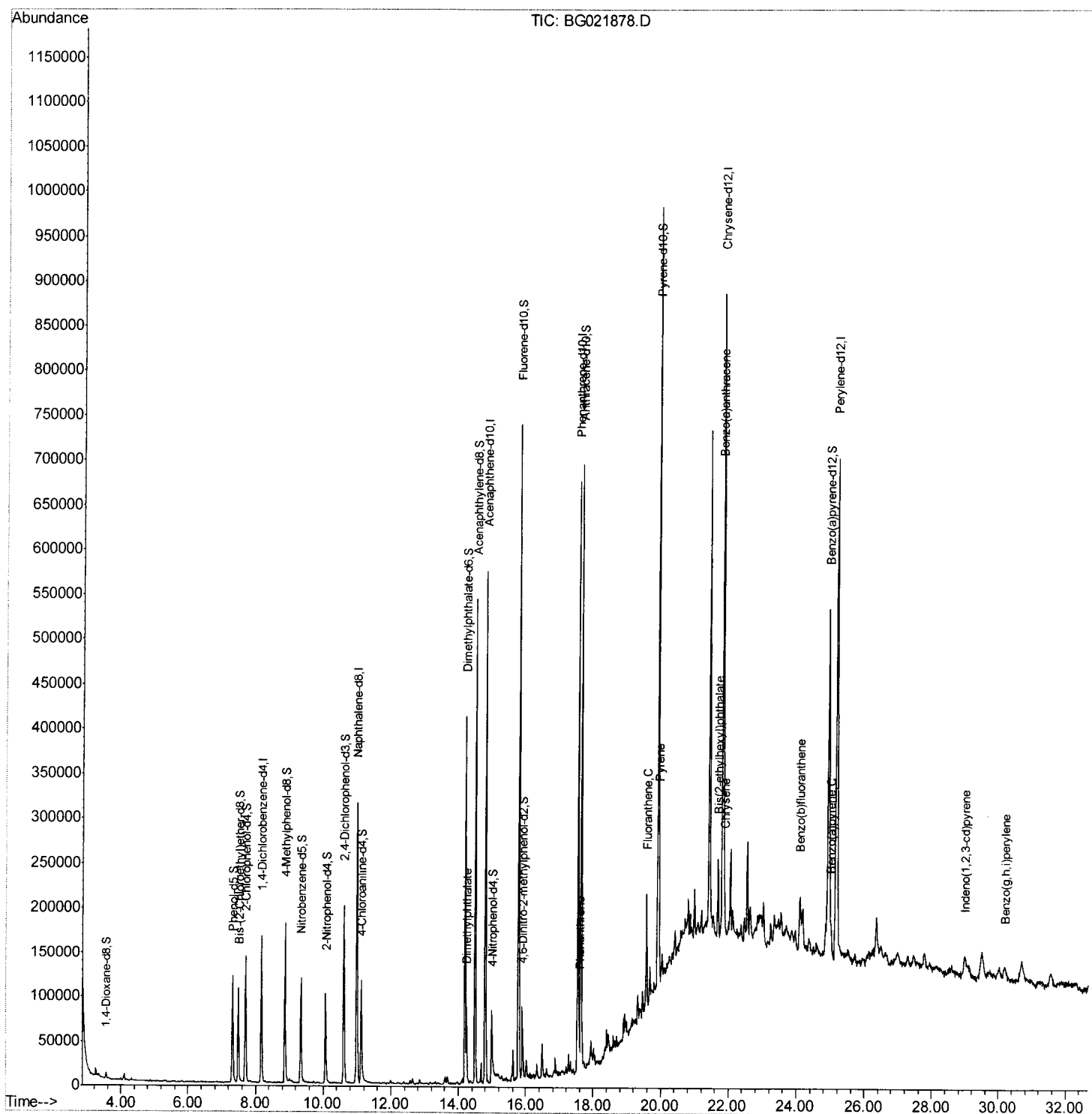
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
 Data File : BG021878.D
 Acq On : 12 May 2016 21:15
 Operator : UM/SJ
 Sample : H2936-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA G
 Client Sample Id :
 D9WK5

Manual Integrations
 APPROVED

sohil
 5/13/2016 8:12:49 PM

Quant Time: May 13 07:45:33 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 04:58:59 2016
 Response via : Initial Calibration



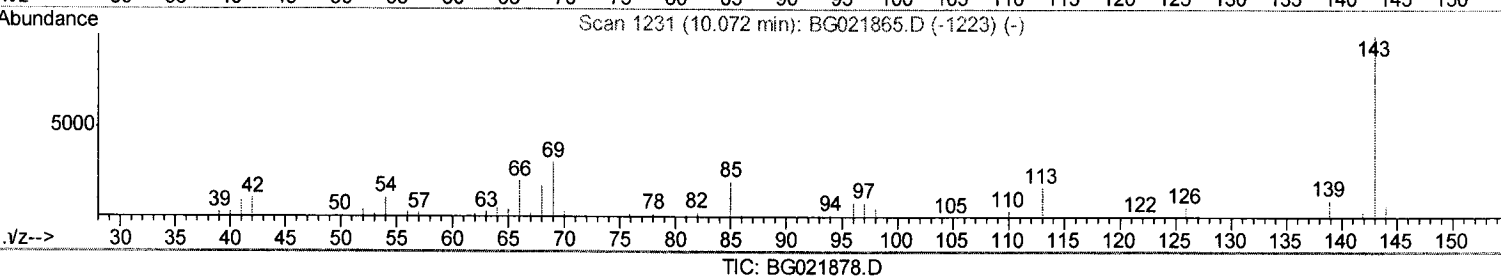
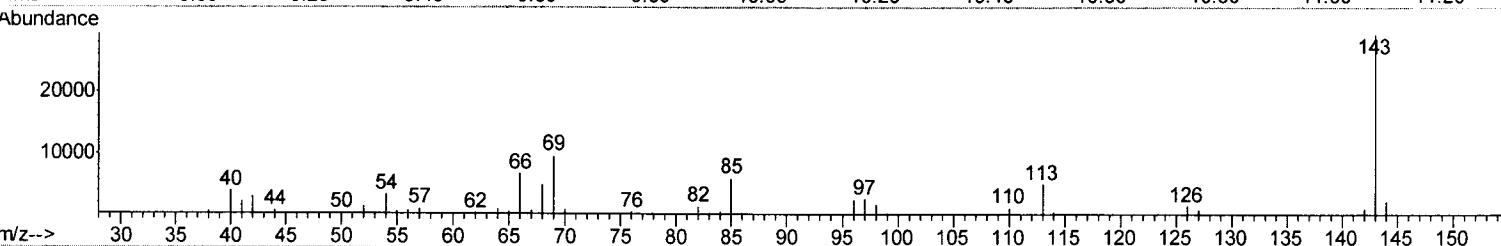
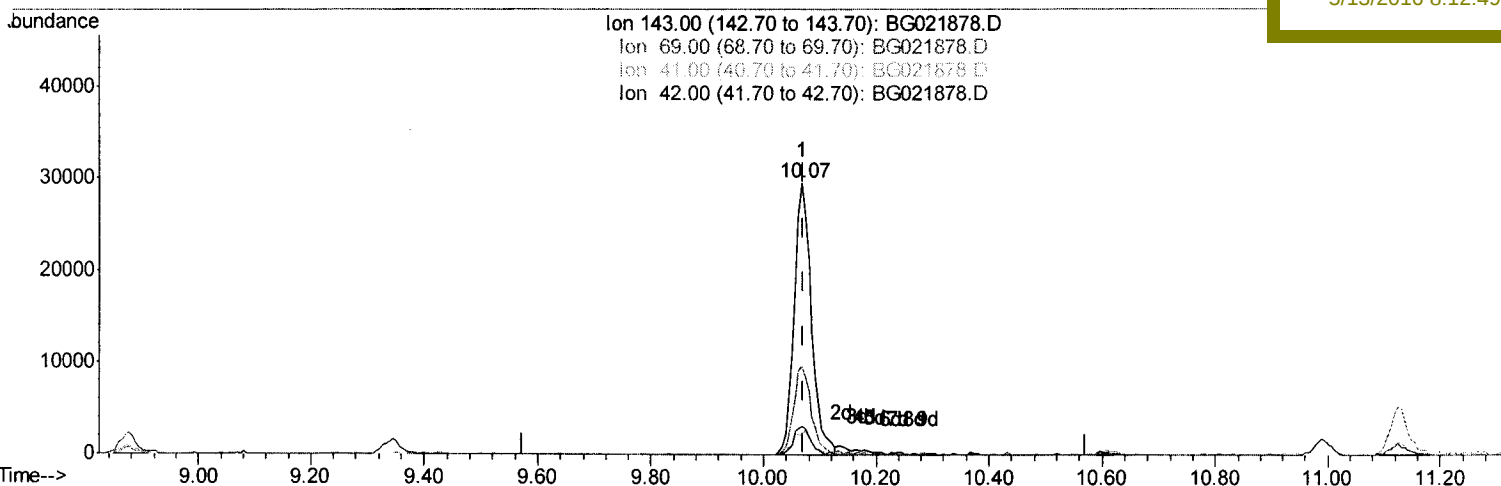
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021878.D
Acq On : 12 May 2016 21:15
Operator : UM/SJ
Sample : H2936-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9WK5

Quant Time: May 13 07:28:15 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 13 04:58:59 2016
Response via : Initial Calibration

Manual Integrations
APPROVED

sohil
5/13/2016 8:12:49 PM



(22) 2-Nitrophenol-d4 (S)

10.068min (-0.004) 41.06ng/ul

response 62319

Ion	Exp%	Act%
143.00	100	100
69.00	76.10	32.72#
41.00	34.20	7.16#
42.00	33.20	10.38#

Quantitation Report (Qedit)

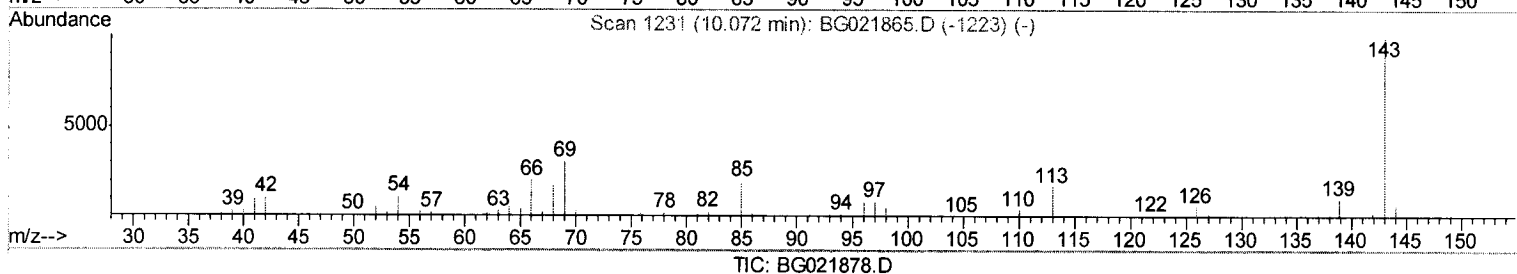
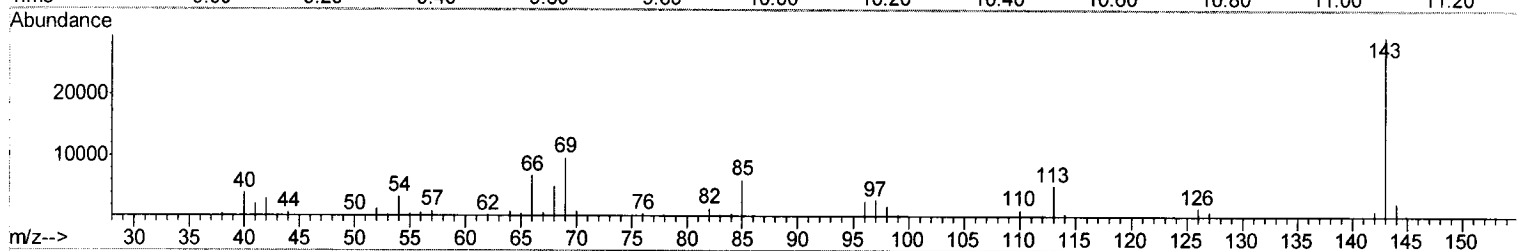
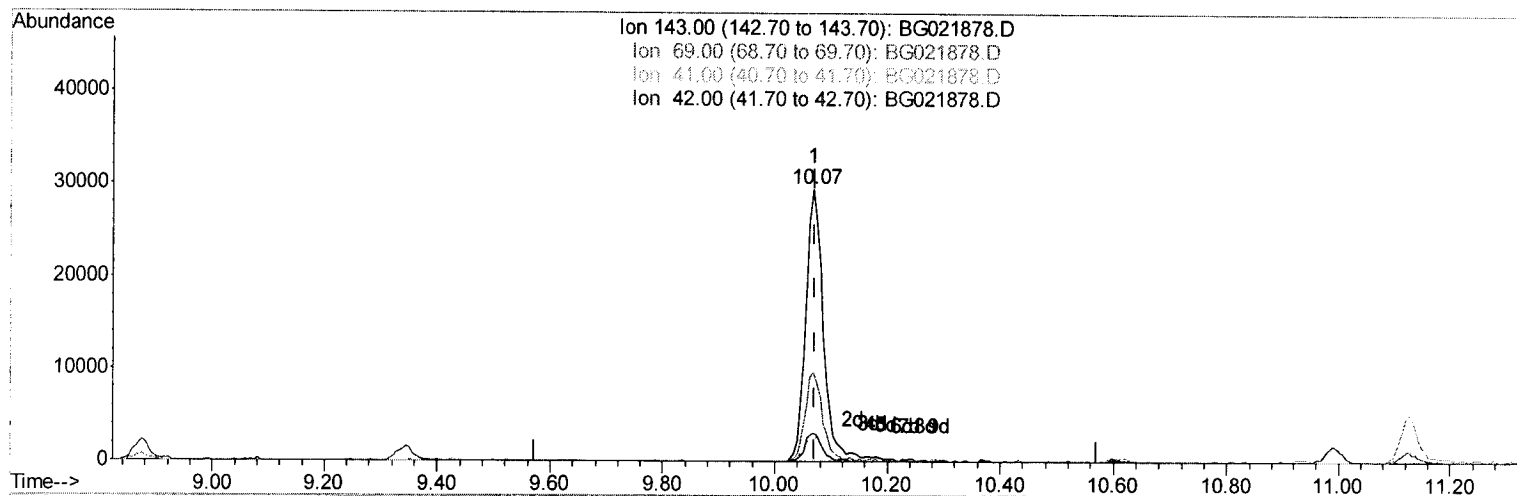
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
 Data File : BG021878.D
 Acq On : 12 May 2016 21:15
 Operator : UM/SJ
 Sample : H2936-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sampled :
 D9WK5

Manual Integrations
 APPROVED

sohil
 5/13/2016 8:12:49 PM

Quant Time: May 13 07:28:15 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 04:58:59 2016
 Response via : Initial Calibration



(22) 2-Nitrophenol-d4 (S)

10.068min (-0.004) 42.49ng/ul m

response 64490

Ion	Exp%	Act%
143.00	100	100
69.00	76.10	32.72#
41.00	34.20	7.16#
42.00	33.20	10.38#

> U.M
 05/16/2016

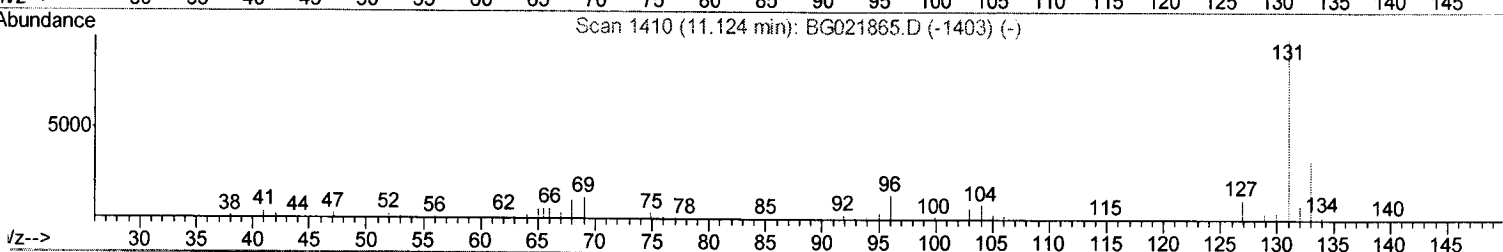
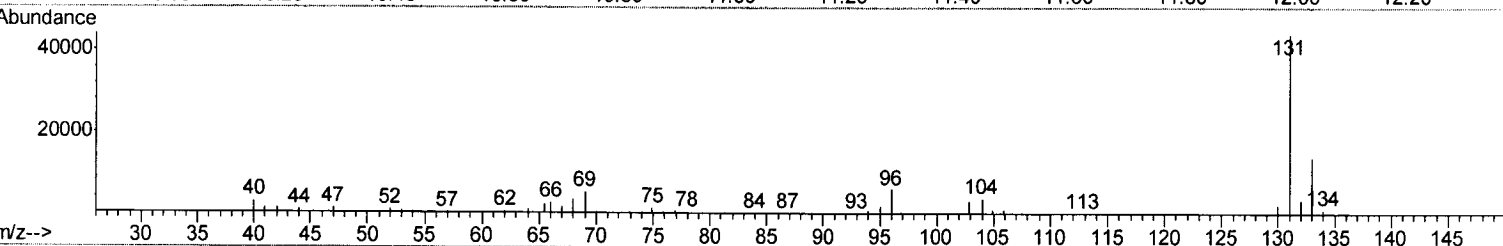
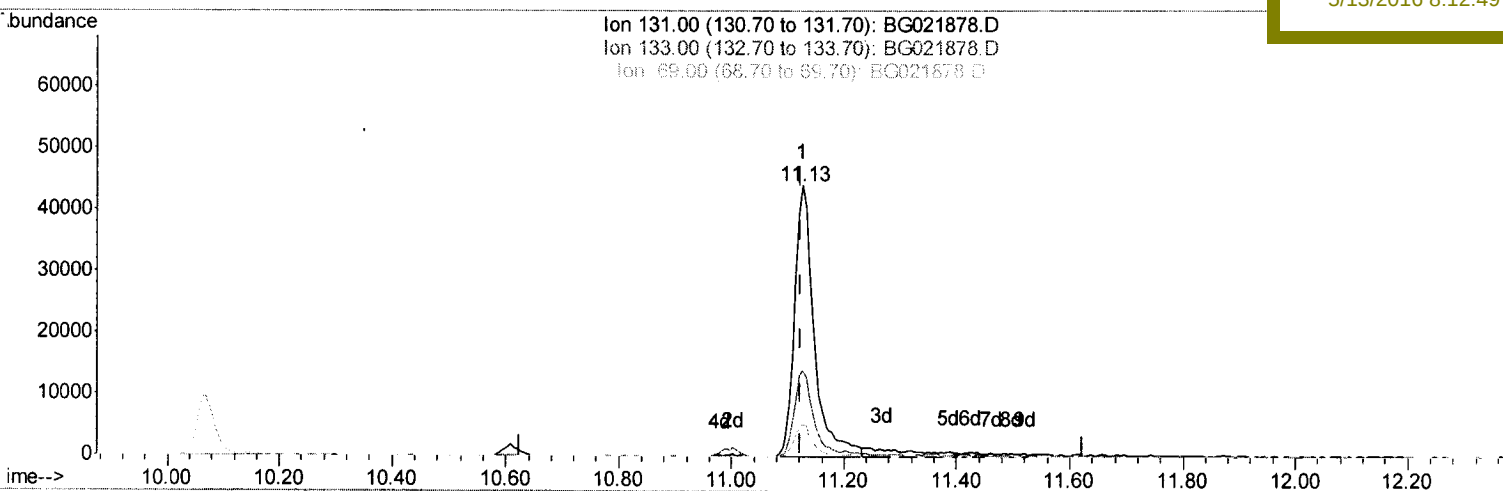
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021878.D
Acq On : 12 May 2016 21:15
Operator : UM/SJ
Sample : H2936-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9WK5

Quant Time: May 13 07:28:15 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 13 04:58:59 2016
Response via : Initial Calibration

Manual Integrations
APPROVED

sohil
5/13/2016 8:12:49 PM



TIC: BG021878.D

(29) 4-Chloroaniline-d4 (S)

11.126min (+0.002) 23.02ng/ul

response 106430

Ion	Exp%	Act%
131.00	100	100
133.00	34.60	31.70
69.00	23.00	11.96#
0.00	0.00	0.00

Quantitation Report (Qedit)

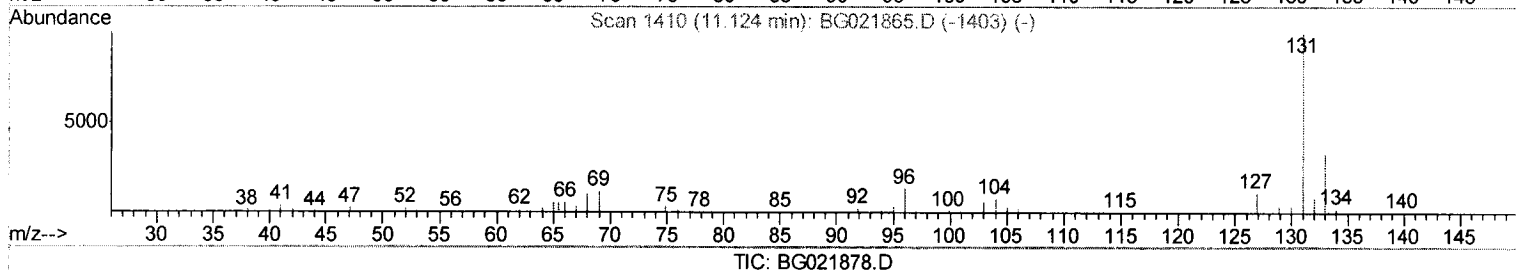
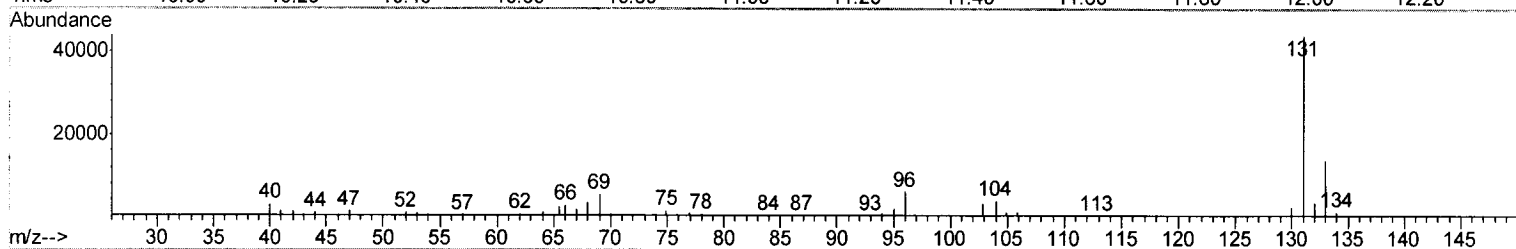
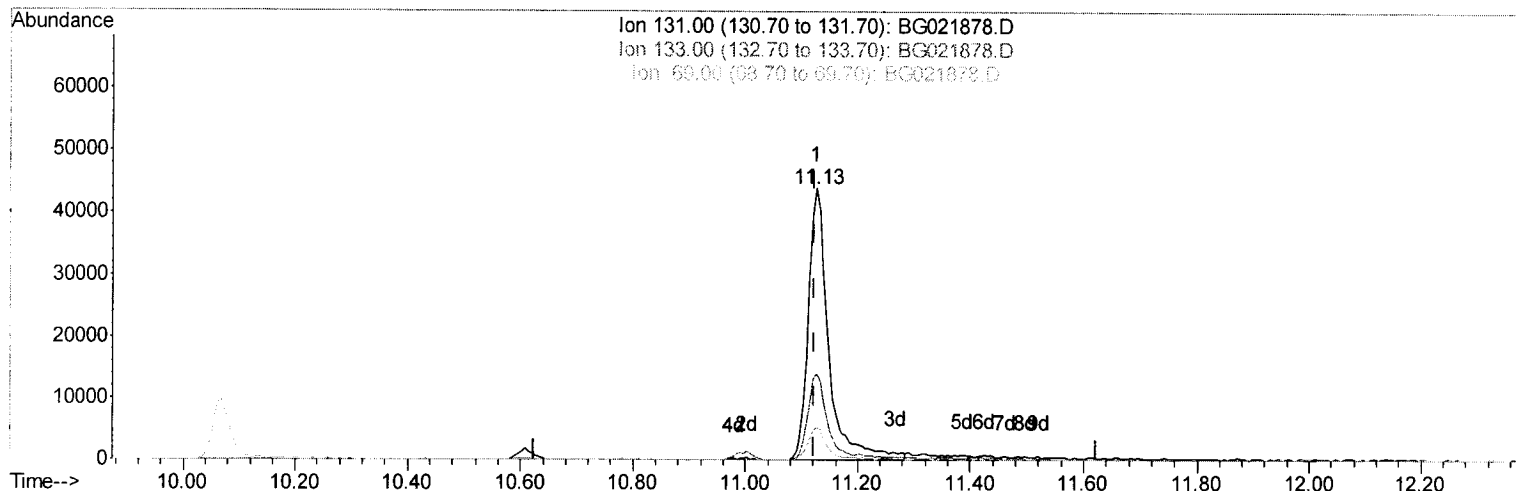
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
 Data File : BG021878.D
 Acq On : 12 May 2016 21:15
 Operator : UM/SJ
 Sample : H2936-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9WK5

Manual Integrations
 APPROVED

sohil
 5/13/2016 8:12:49 PM

Quant Time: May 13 07:28:15 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 04:58:59 2016
 Response via : Initial Calibration



TIC: BG021878.D

(29) 4-Chloroaniline-d4 (S)

11.126min (+0.002) 23.82ng/ul m

response 110139

Ion	Exp%	Act%
131.00	100	100
133.00	34.60	31.70
69.00	23.00	11.96#
0.00	0.00	0.00

> U. M
 05/16/2016

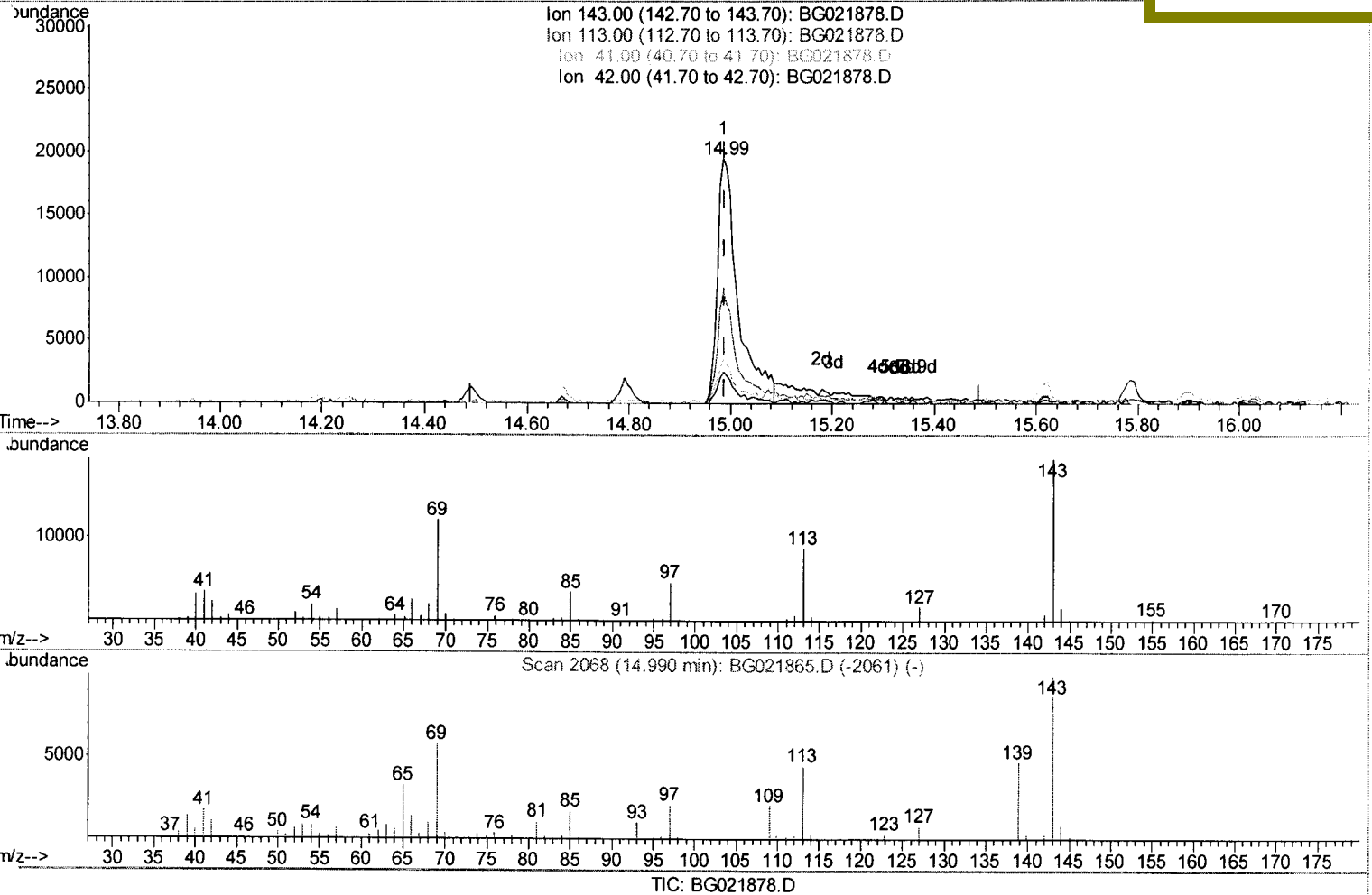
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021878.D
Acq On : 12 May 2016 21:15
Operator : UM/SJ
Sample : H2936-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9WK5

Quant Time: May 13 07:28:15 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 13 04:58:59 2016
Response via : Initial Calibration

Manual Integrations
APPROVED

sohil
5/13/2016 8:12:49 PM



(52) 4-Nitrophenol-d4 (S)

14.986min (-0.004) 19.69ng/ul

response 54660

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	45.42#
41.00	49.70	18.28#
42.00	33.70	12.62#

Quantitation Report (Qedit)

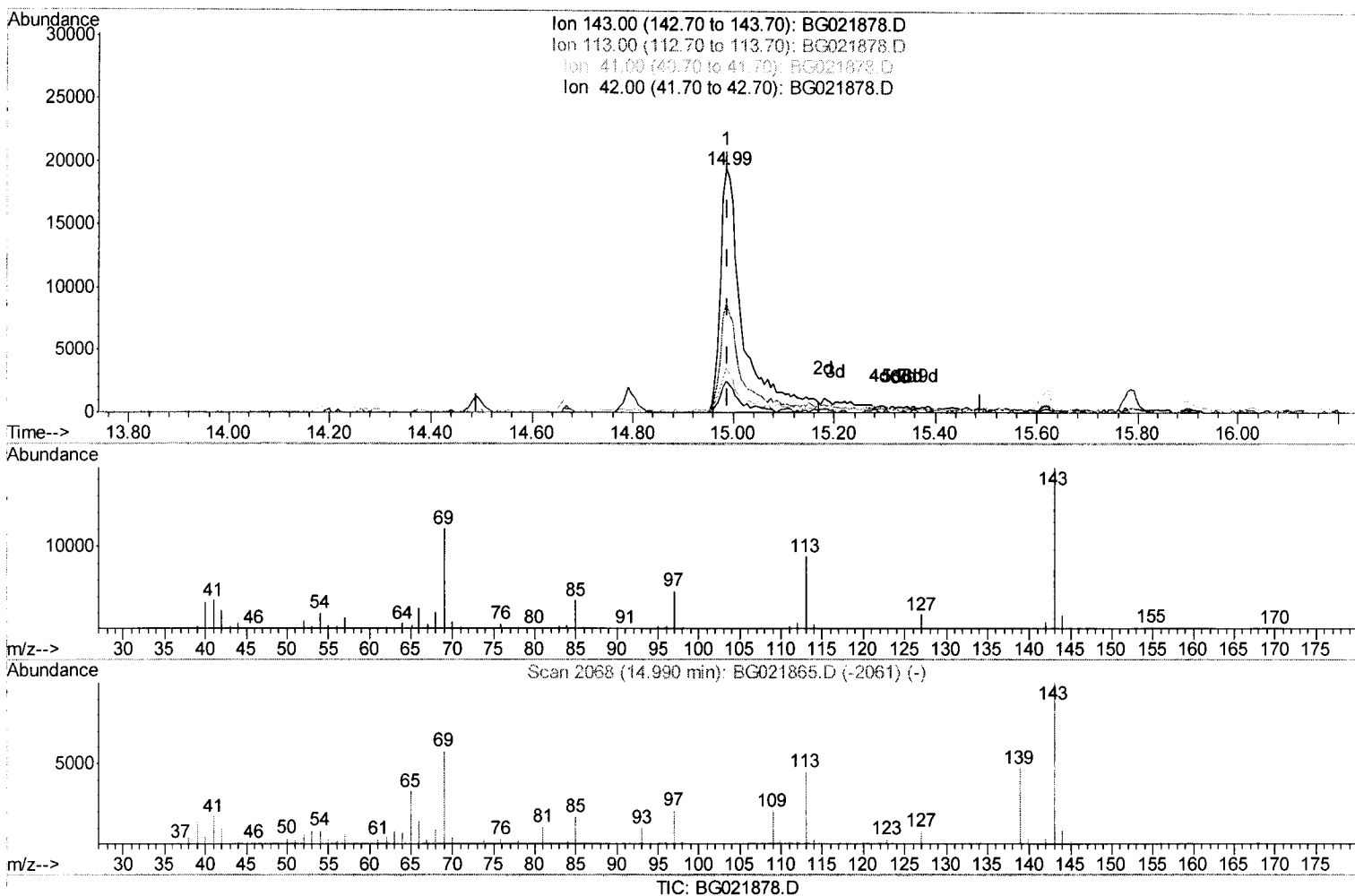
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
 Data File : BG021878.D
 Acq On : 12 May 2016 21:15
 Operator : UM/SJ
 Sample : H2936-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9WK5

Manual Integrations
 APPROVED

sohil
 5/13/2016 8:12:49 PM

Quant Time: May 13 07:28:15 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 04:58:59 2016
 Response via : Initial Calibration



(52) 4-Nitrophenol-d4 (S)

14.986min (-0.004) 21.93ng/ul m

response 60878

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	45.42#
41.00	49.70	18.28#
42.00	33.70	12.62#

> U.M
 05/16/2016

Quantitation Report (Qedit)

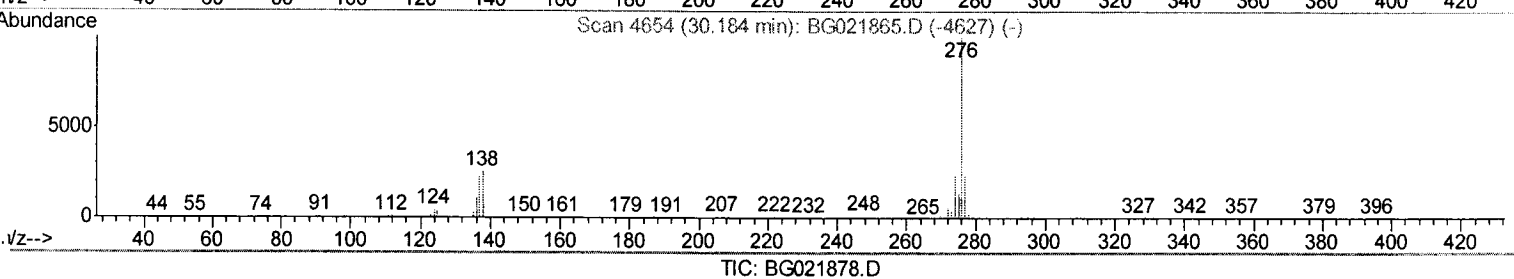
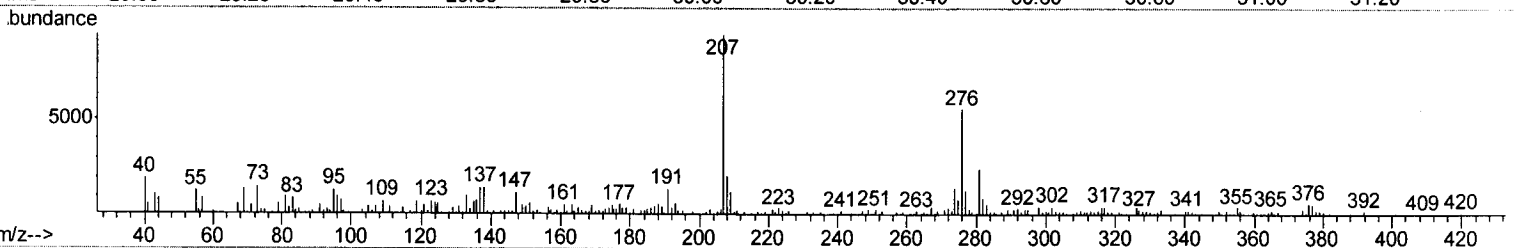
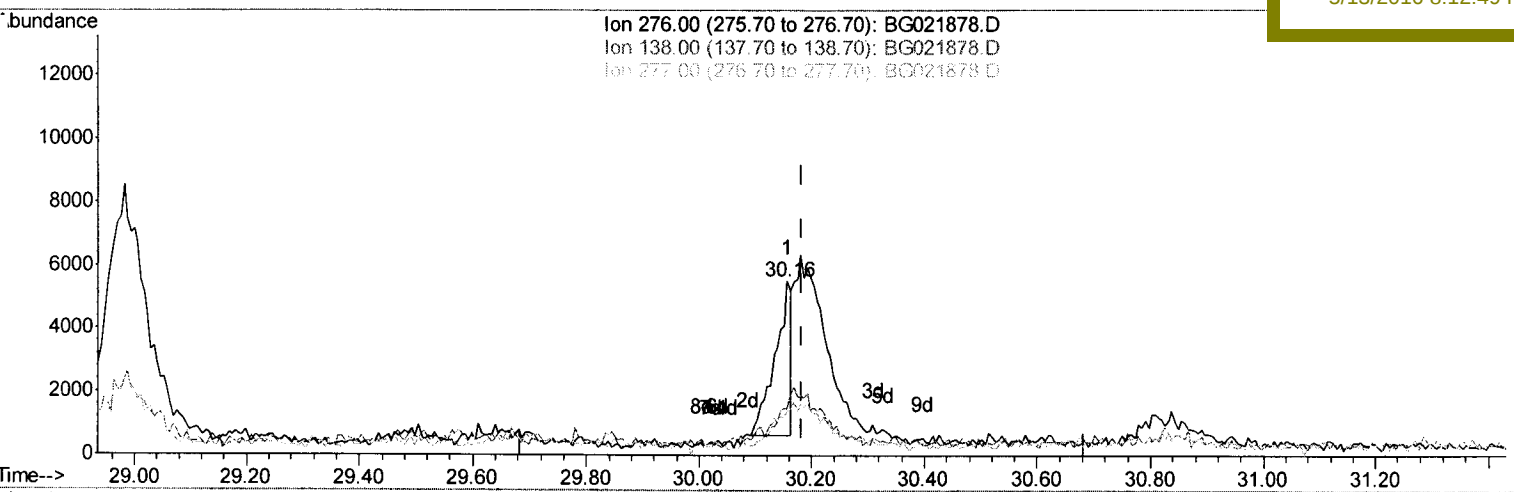
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021878.D
Acq On : 12 May 2016 21:15
Operator : UM/SJ
Sample : H2936-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9WK5

Manual Integrations
APPROVED

sohil
5/13/2016 8:12:49 PM

Quant Time: May 13 07:44:03 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 13 04:58:59 2016
Response via : Initial Calibration



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

30.156min (-0.028) 0.36ng/ul

response 9682

Ion	Exp%	Act%
276.00	100	100
138.00	17.40	26.23#
277.00	24.70	24.62
0.00	0.00	0.00

Quantitation Report (Qedit)

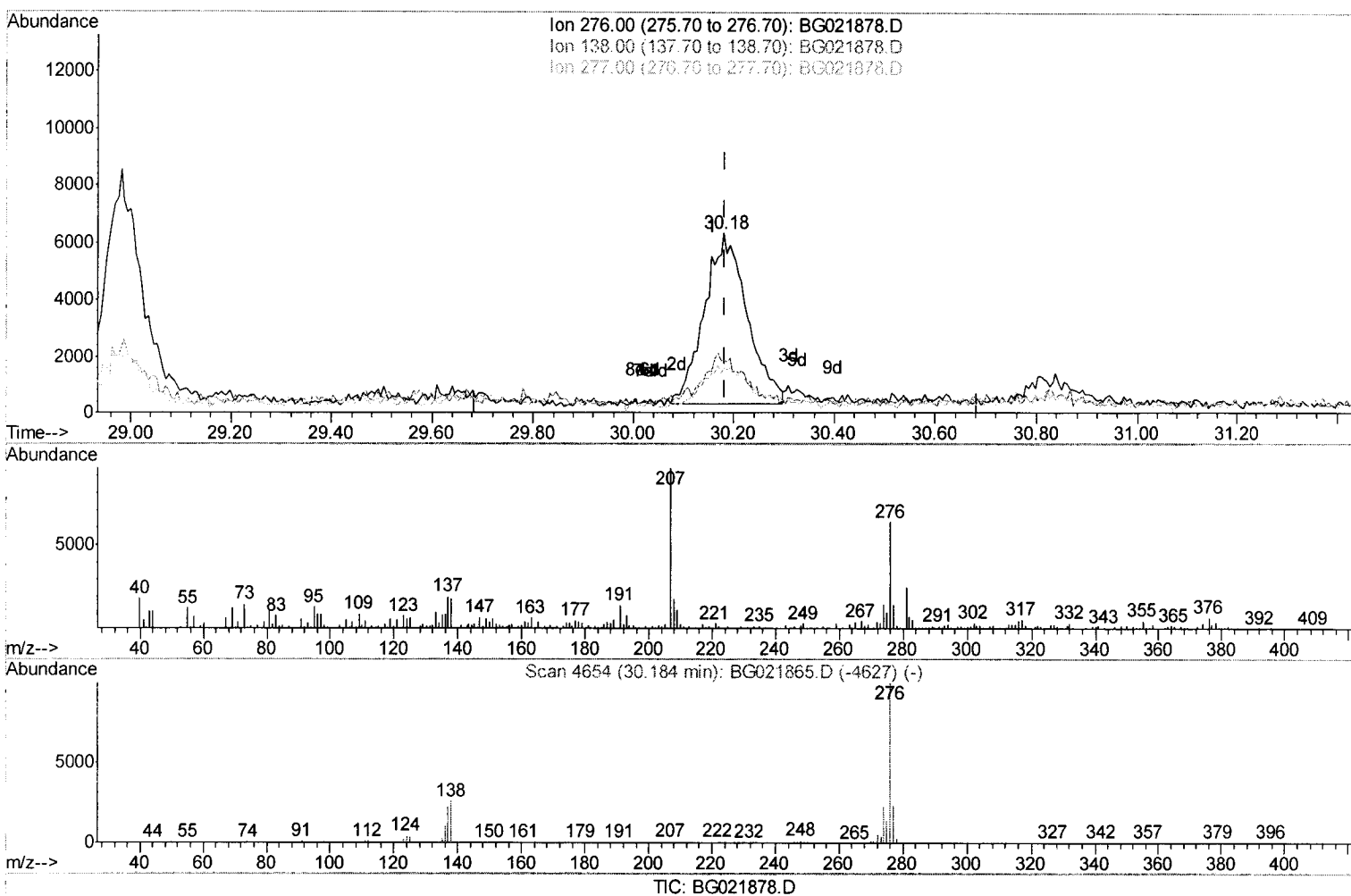
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
 Data File : BG021878.D
 Acq On : 12 May 2016 21:15
 Operator : UM/SJ
 Sample : H2936-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9WK5

Manual Integrations
 APPROVED

sohil
 5/13/2016 8:12:49 PM

Quant Time: May 13 07:44:03 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 04:58:59 2016
 Response via : Initial Calibration



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

30.180min (-0.004) 1.33ng/ul m

response 35604

Ion	Exp%	Act%
276.00	100	100
138.00	17.40	29.68#
277.00	24.70	24.93
0.00	0.00	0.00

> U.M
 05/16/2016

Quantitation Report (Qedit)

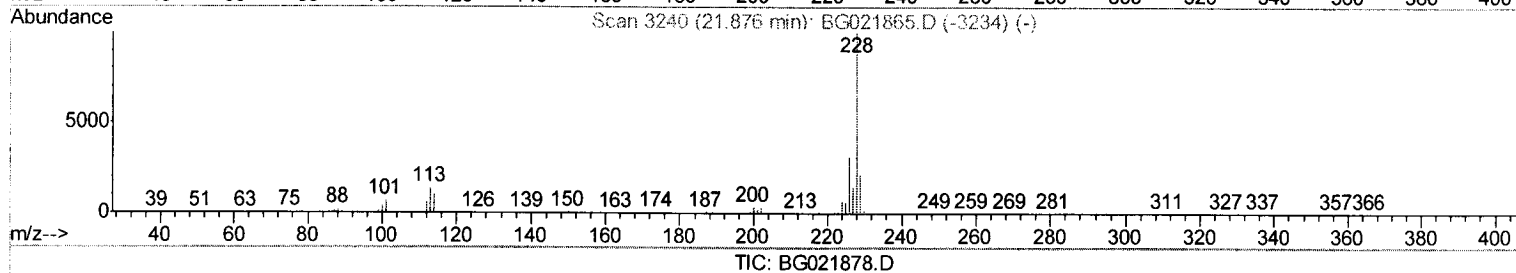
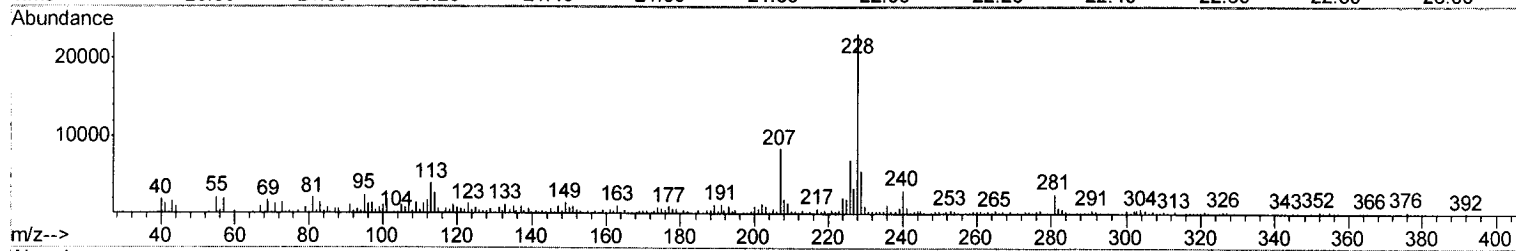
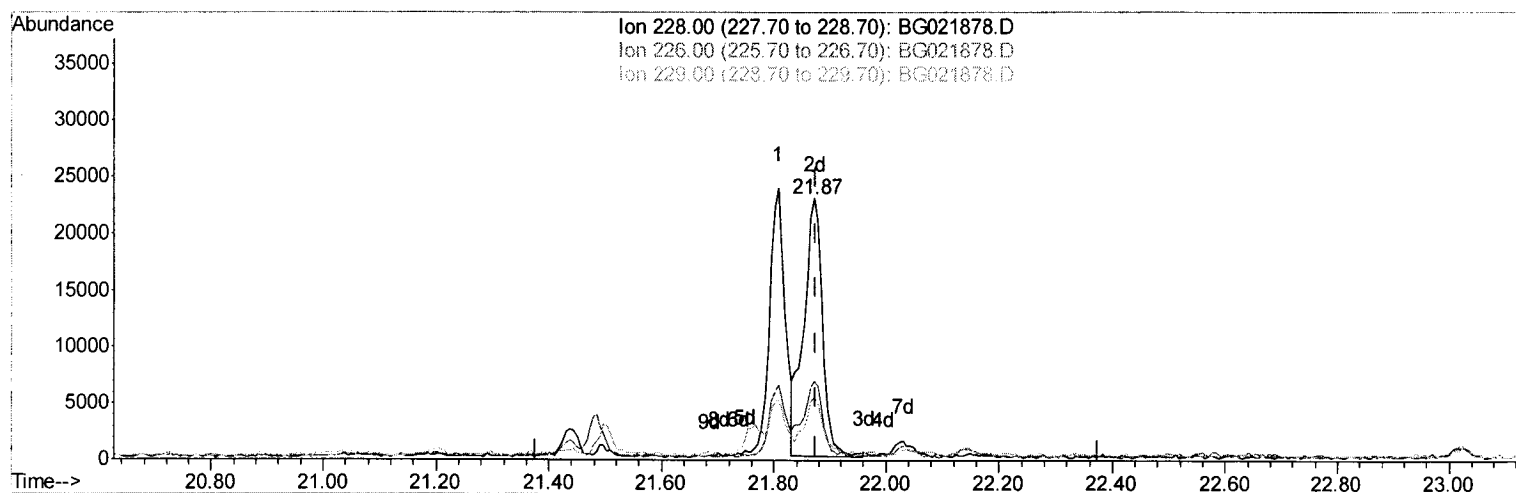
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
 Data File : BG021878.D
 Acq On : 12 May 2016 21:15
 Operator : UM/SJ
 Sample : H2936-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9WK5

Manual Integrations
 APPROVED

sohil
 5/13/2016 8:12:49 PM

Quant Time: May 13 07:28:15 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 04:58:59 2016
 Response via : Initial Calibration



TIC: BG021878.D

(83) Chrysene

21.872min (-0.004) 2.05ng/ul m

response 52813

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	30.70
229.00	20.20	24.74#
0.00	0.00	0.00

> U. M
 05/16/2016

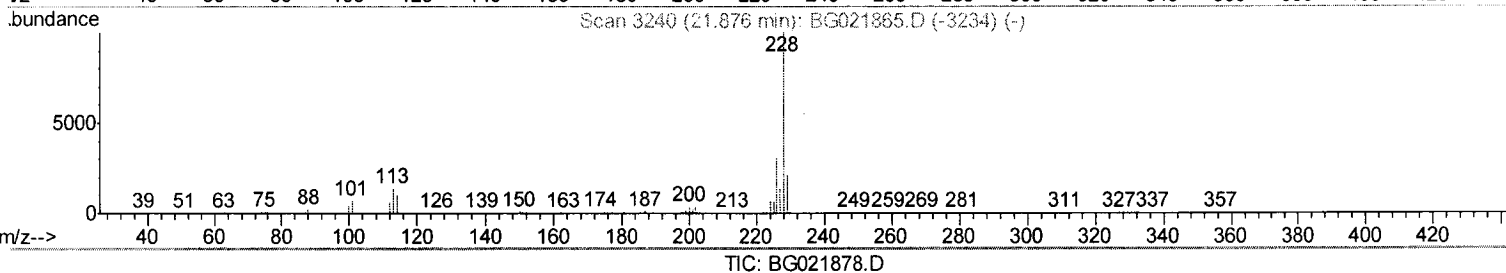
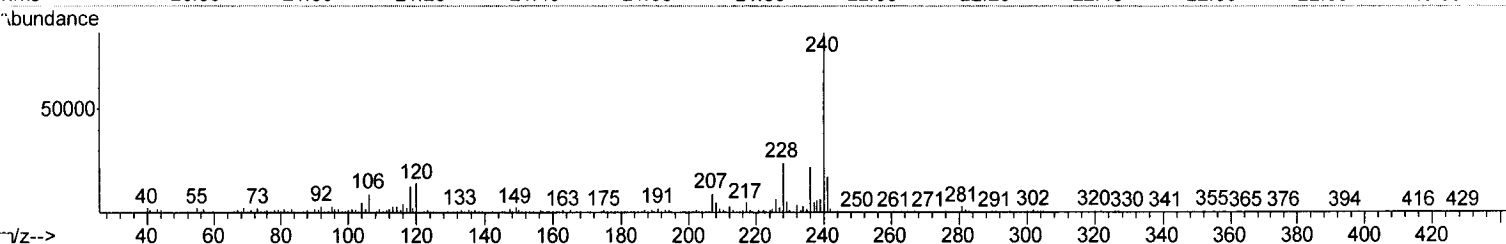
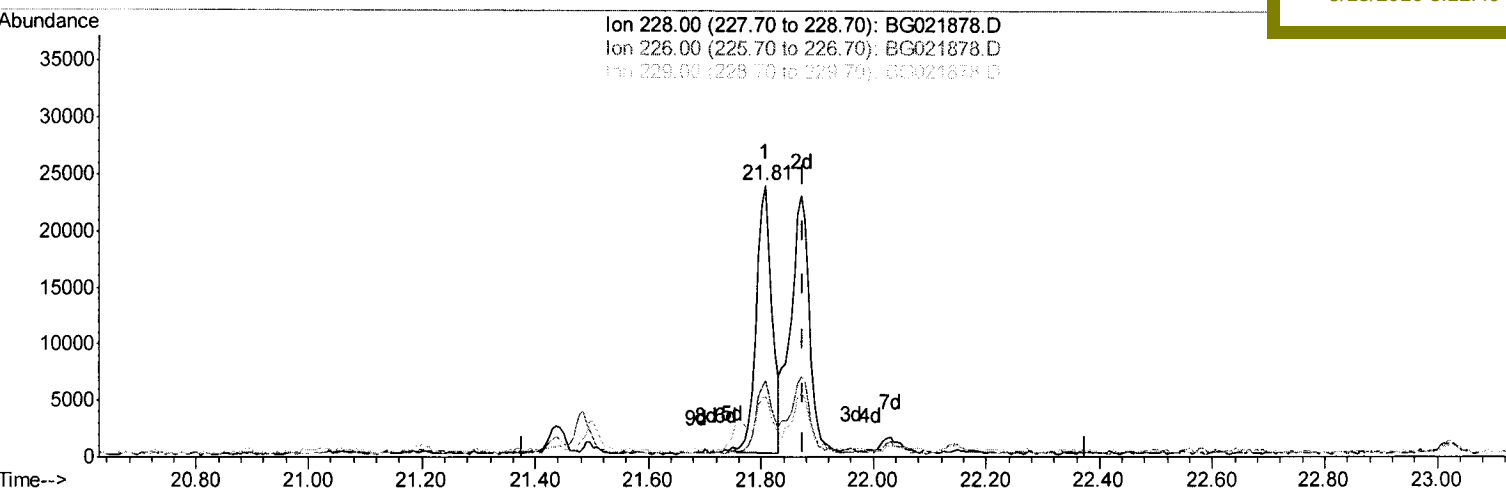
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021878.D
Acq On : 12 May 2016 21:15
Operator : UM/SJ
Sample : H2936-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9WK5

Quant Time: May 13 07:28:15 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 13 04:58:59 2016
Response via : Initial Calibration

Manual Integrations
APPROVED

sohil
5/13/2016 8:12:49 PM



(83) Chrysene

21.807min (-0.069) 1.78ng/ul

response 45654

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	27.98
229.00	20.20	22.21
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
 Data File : BG021878.D
 Acq On : 12 May 2016 21:15
 Operator : UM/SJ
 Sample : H2936-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9WK5

Quant Time: May 13 07:45:33 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 04:58:59 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

sohil
 5/13/2016 8:12:49 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	68667	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	365484	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	230542	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	475716	20.00	ng/ul	0.00
76) Chrysene-d12	21.82	240	467179	20.00	ng/ul	0.00
84) Perylene-d12	25.17	264	479804	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	4843	3.40	ng/uL	0.00
5) Phenol-d5	7.32	99	118134	23.19	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.49	67	55103	21.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	106911	27.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	103619	24.21	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	55942	23.28	ng/ul	0.00
22) 2-Nitrophenol-d4	10.07	143	64490m	42.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	115349	26.88	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	110139m	23.82	ng/ul	0.00
44) Dimethylphthalate-d6	14.19	166	363832	22.47	ng/ul	0.00
47) Acenaphthylene-d8	14.49	160	484457	21.07	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	60878m	21.93	ng/ul	0.00
58) Fluorene-d10	15.78	176	333039	19.53	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	33307	25.28	ng/ul	0.00
71) Anthracene-d10	17.64	188	471974	20.38	ng/ul	0.00
77) Pyrene-d10	19.92	212	487459	22.29	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.94	264	468178	20.54	ng/ul	0.00

Target Compounds

					Qvalue	
45) Dimethylphthalate	14.24	163	67343	4.08	ng/ul	99
70) Phenanthrene	17.58	178	41951	1.61	ng/ul	99
75) Fluoranthene	19.58	202	89318	3.02	ng/ul#	96
78) Pyrene	19.94	202	74237	2.75	ng/ul	96
81) Benzo(a)anthracene	21.81	228	45773	1.76	ng/ul	97
82) Bis(2-ethylhexyl)phthalate	21.69	149	49940	5.12	ng/ul#	97
83) Chrysene	21.87	228	52813m	2.05	ng/ul	
86) Benzo(b)fluoranthene	24.10	252	78863	2.87	ng/ul#	92
89) Benzo(a)pyrene	25.00	252	49380	1.81	ng/ul#	89
90) Indeno(1,2,3-cd)pyrene	28.98	276	37296	1.15	ng/ul#	91
92) Benzo(g,h,i)perylene	30.18	276	35604m	1.33	ng/ul	

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