

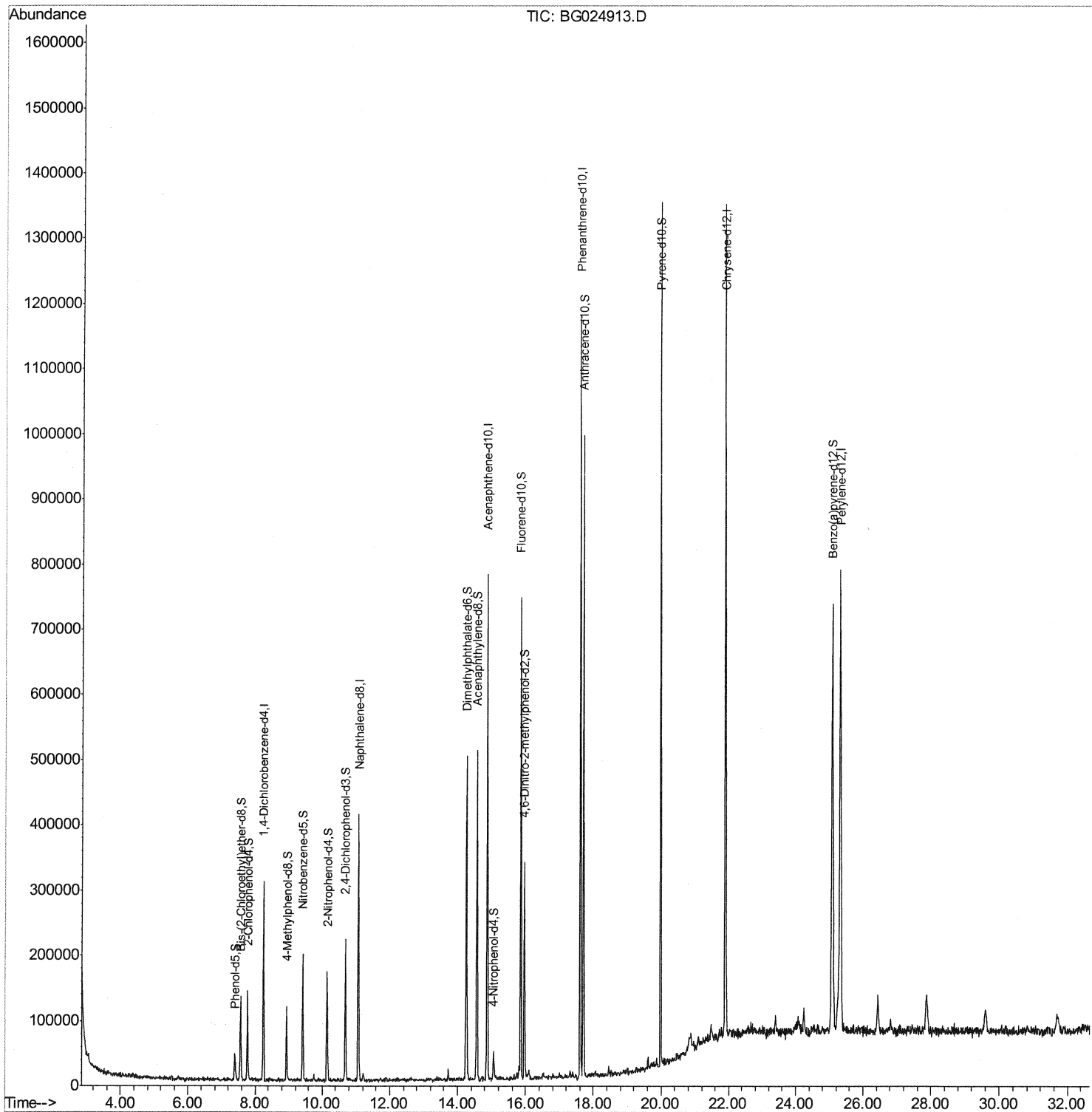
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112316\
Data File : BG024913.D
Acq On : 23 Nov 2016 19:09
Operator : UM/SJ
Sample : H5716-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4WH7

Manual Integrations
APPROVED

sohil
11/28/2016 4:48:07 PM

Quant Time: Nov 24 01:23:33 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG112316.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 24 01:09:55 2016
Response via : Initial Calibration



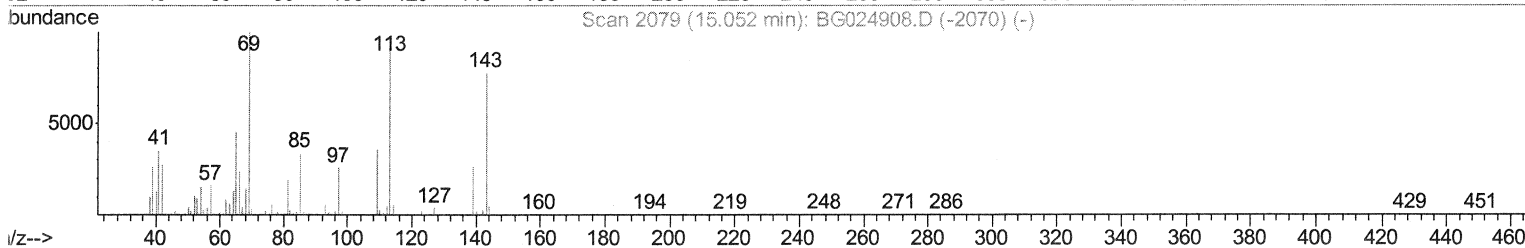
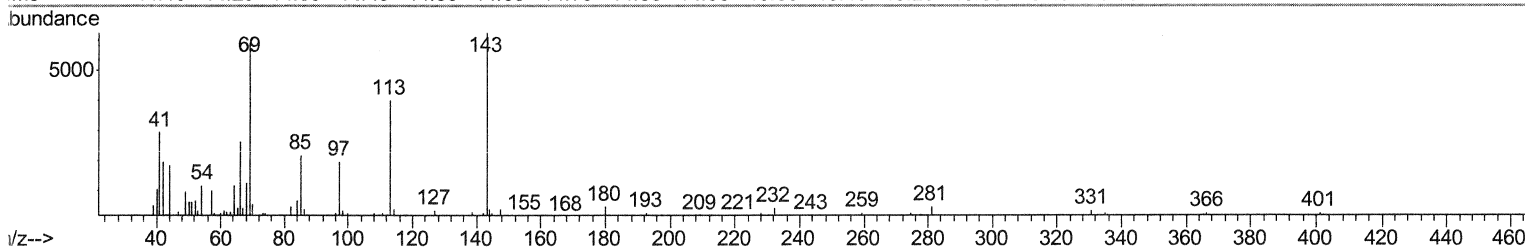
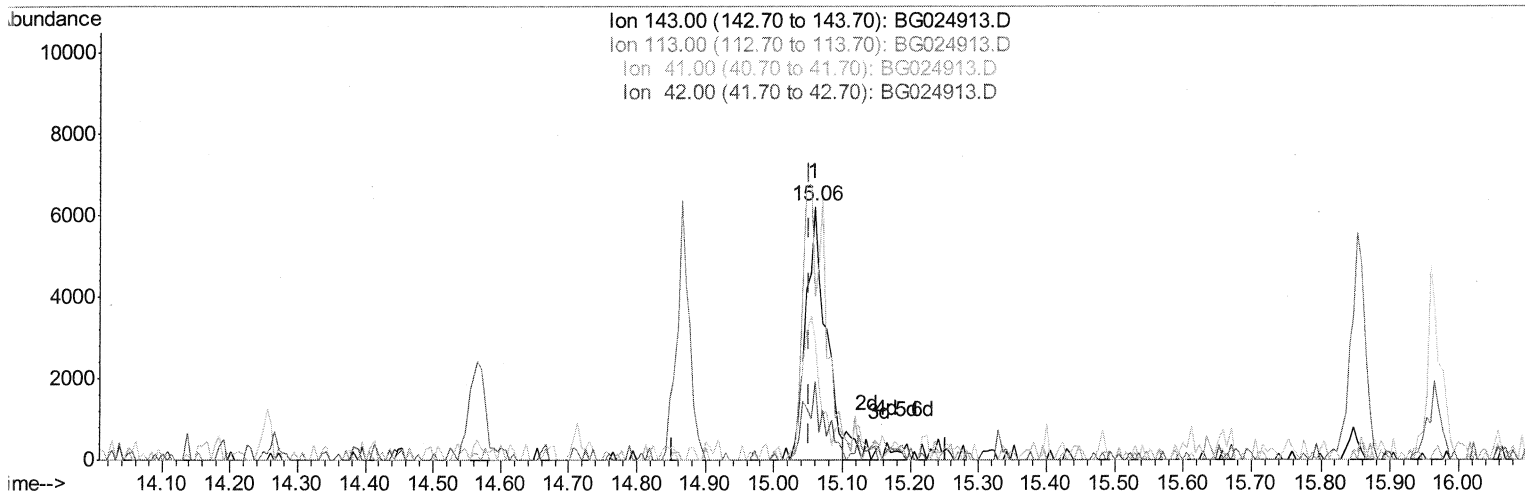
```
Data Path   : Z:\HPCHEM1\BNA_G\DATA\BG112316\  
Data File  : BG024913.D  
Acq On     : 23 Nov 2016   19:09  
Operator   : UM/SJ  
Sample     : H5716-15  
Misc       :  
ALS Vial   : 7      Sample Multiplier: 1
```

Instrument :
BNA_G
ClientSampleId :
A4WH7

Manual Integrations

sohil
11/28/2016 4:48:07 PM

Quant Time: Nov 24 01:12:39 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG112316.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 24 01:09:55 2016
Response via : Initial Calibration



TIC: BG024913.D

(51) 4-Nitrophenol-d4 (S)

15.059min (+0.007) 3.37ng/ul

response 12507

Ion	Exp%	Act%
143.00	100	100
113.00	117.30	64.13#
41.00	58.00	47.13
42.00	42.20	30.98#

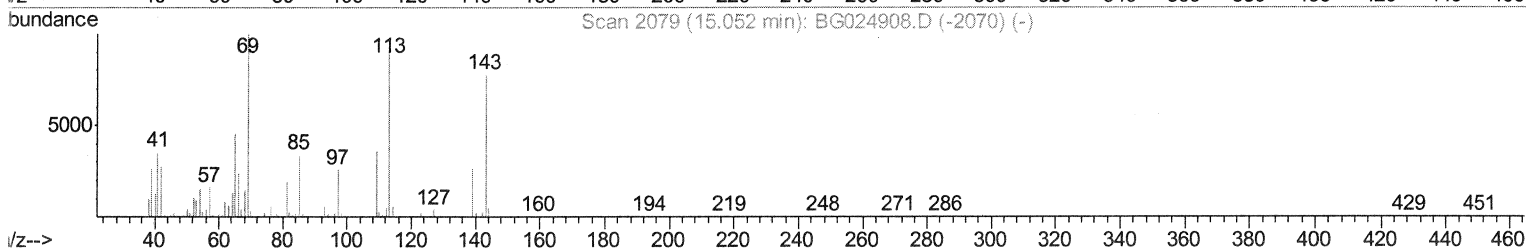
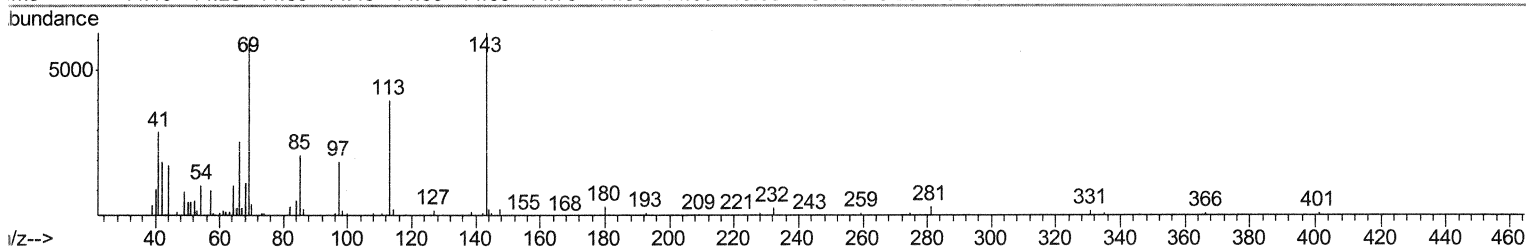
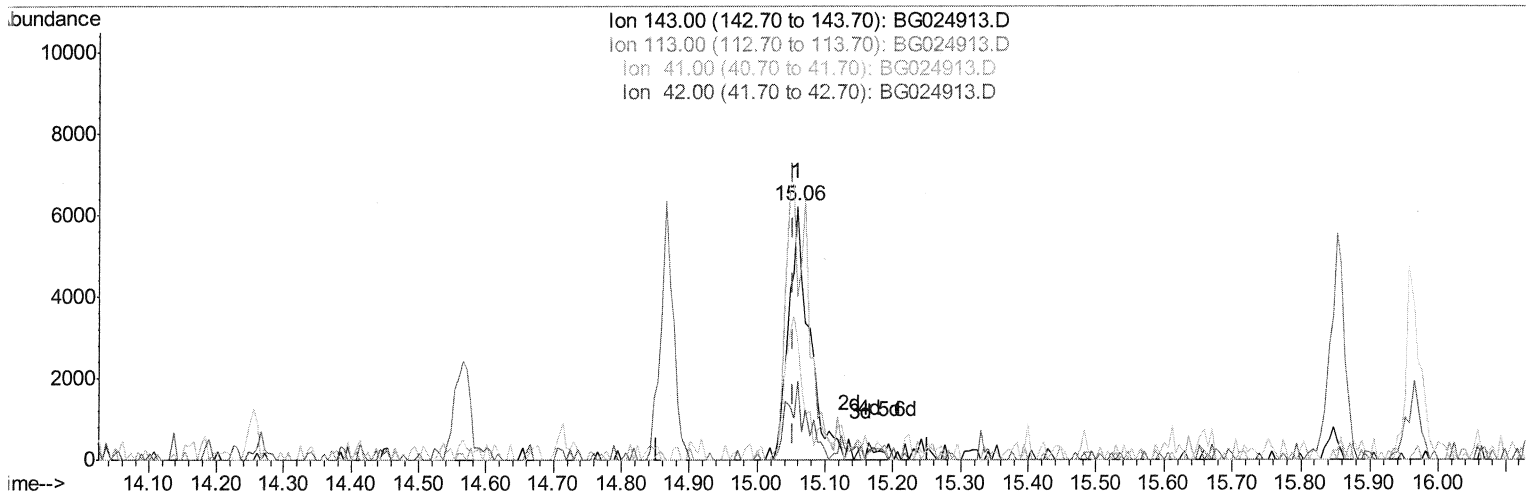
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112316\
Data File : BG024913.D
Acq On : 23 Nov 2016 19:09
Operator : UM/SJ
Sample : H5716-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
A4WH7

Manual Integrations
APPROVED

sohil
11/28/2016 4:48:07 PM

Quant Time: Nov 24 01:12:39 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG112316.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 24 01:09:55 2016
Response via : Initial Calibration



TIC: BG024913.D

(51) 4-Nitrophenol-d4 (S)

15.059min (+0.007) 3.54ng/ul m

UM

response 13129

11/28/16

Ion	Exp%	Act%
143.00	100	100
113.00	117.30	64.13#
41.00	58.00	47.13
42.00	42.20	30.98#

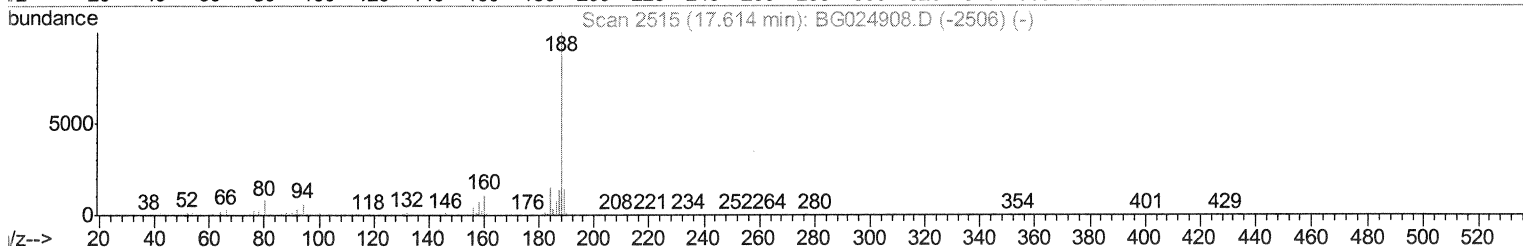
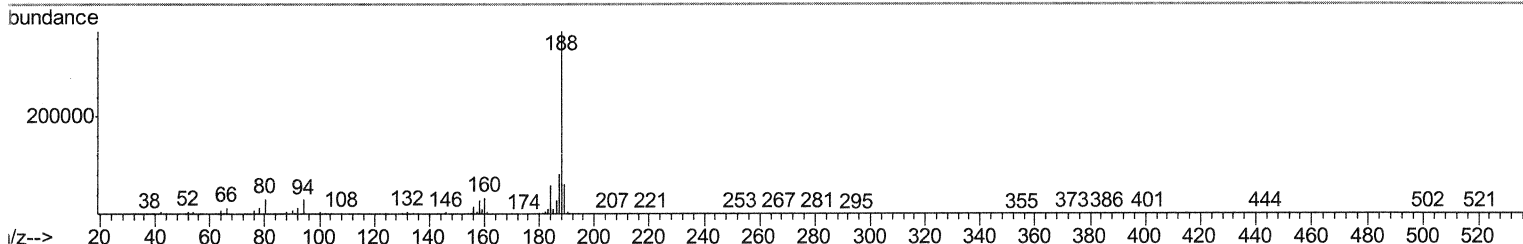
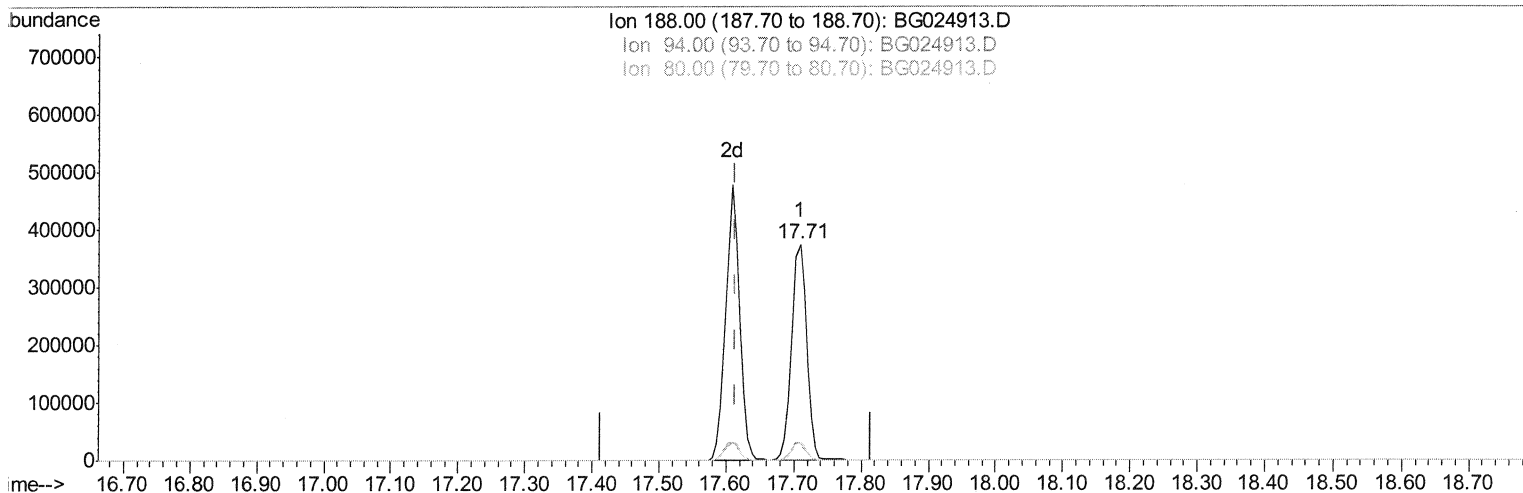
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112316\
 Data File : BG024913.D
 Acq On : 23 Nov 2016 19:09
 Operator : UM/SJ
 Sample : H5716-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4WH7

Manual Integrations
 APPROVED

sohil
 11/28/2016 4:48:07 PM

Quant Time: Nov 24 01:12:39 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG112316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 24 01:09:55 2016
 Response via : Initial Calibration



TIC: BG024913.D

(61) Phenanthrene-d10 (I)

17.709min (+0.095) 20.00ng/ul

response 587753

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	8.09
80.00	9.50	8.31
0.00	0.00	0.00

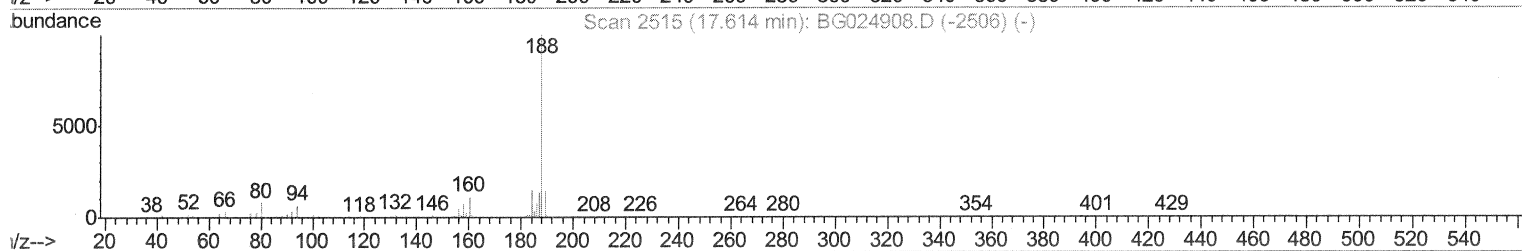
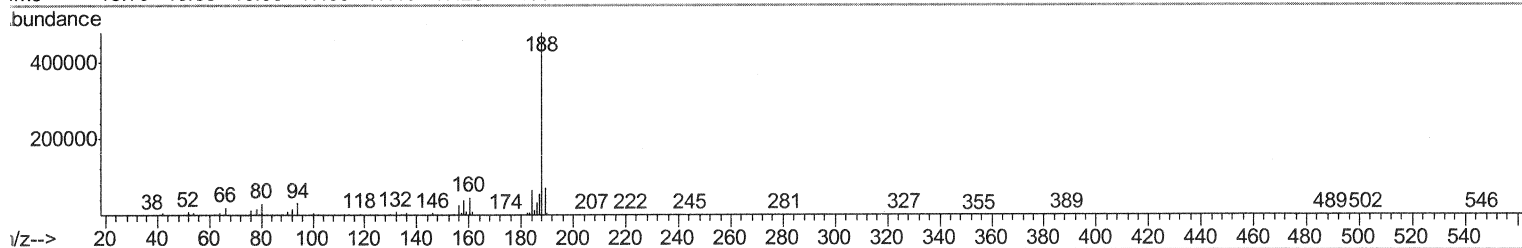
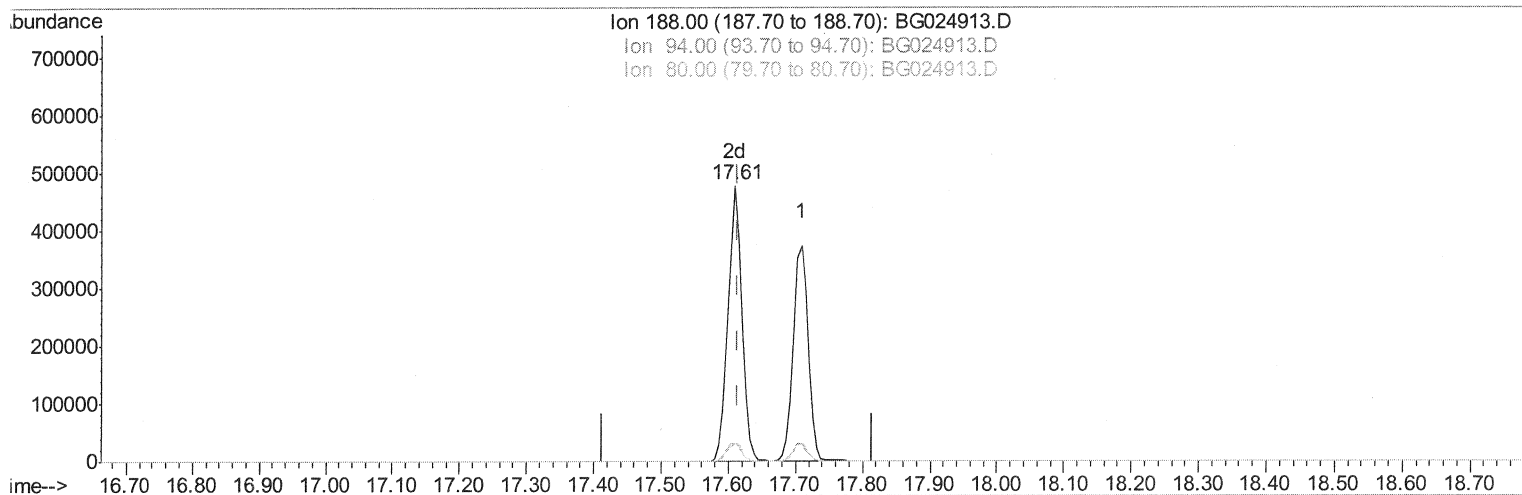
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112316\
Data File : BG024913.D
Acq On : 23 Nov 2016 19:09
Operator : UM/SJ
Sample : H5716-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4WH7

Manual Integrations
APPROVED

sohil
11/28/2016 4:48:07 PM

Quant Time: Nov 24 01:12:39 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG112316.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 24 01:09:55 2016
Response via : Initial Calibration



TIC: BG024913.D

(61) Phenanthrene-d10 (I)

17.609min (-0.005) 20.00ng/ul m

UM

response 690280

112816

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	6.59#
80.00	9.50	6.52#
0.00	0.00	0.00

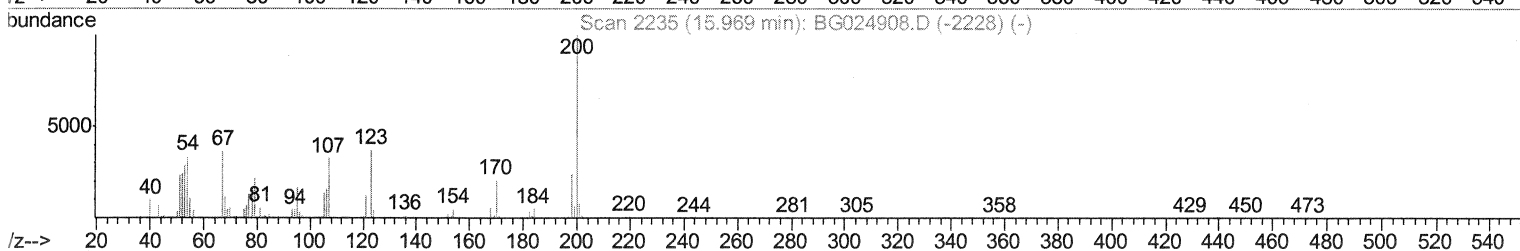
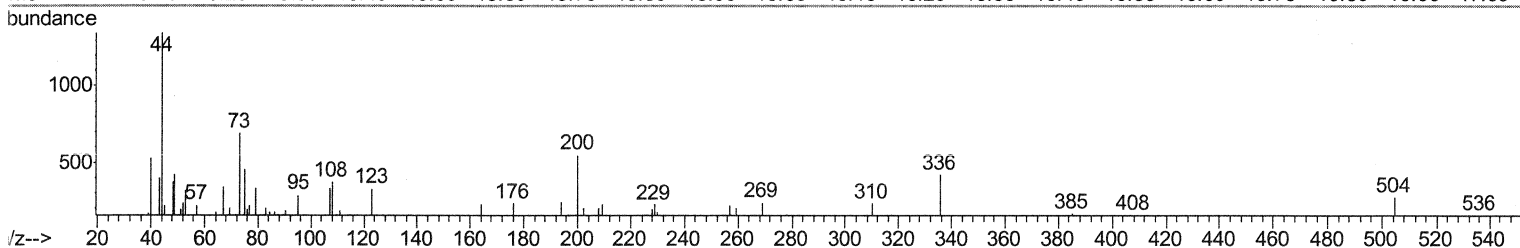
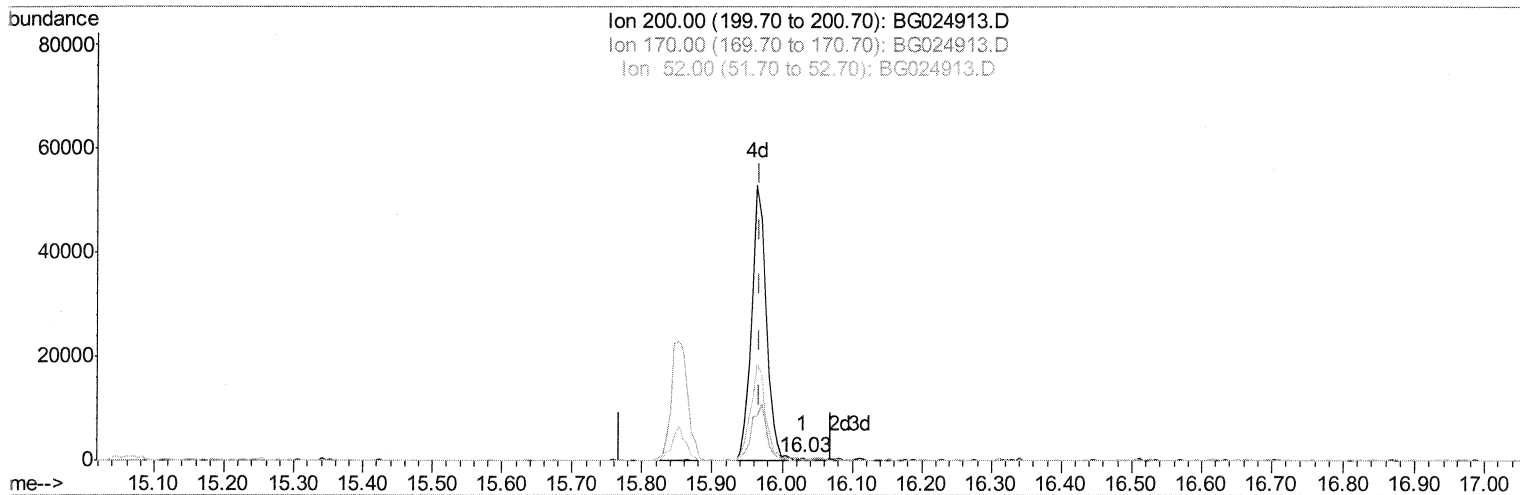
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112316\
Data File : BG024913.D
Acq On : 23 Nov 2016 19:09
Operator : UM/SJ
Sample : H5716-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4WH7

Manual Integrations
APPROVED

sohil
11/28/2016 4:48:07 PM

Quant Time: Nov 24 01:23:10 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG112316.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 24 01:09:55 2016
Response via : Initial Calibration



TIC: BG024913.D

(62) 4,6-Dinitro-2-methylphenol-d2 (S)

16.029min (+0.060) 0.15ng/ul

response 759

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	0.00#
52.00	47.20	42.49
0.00	0.00	0.00

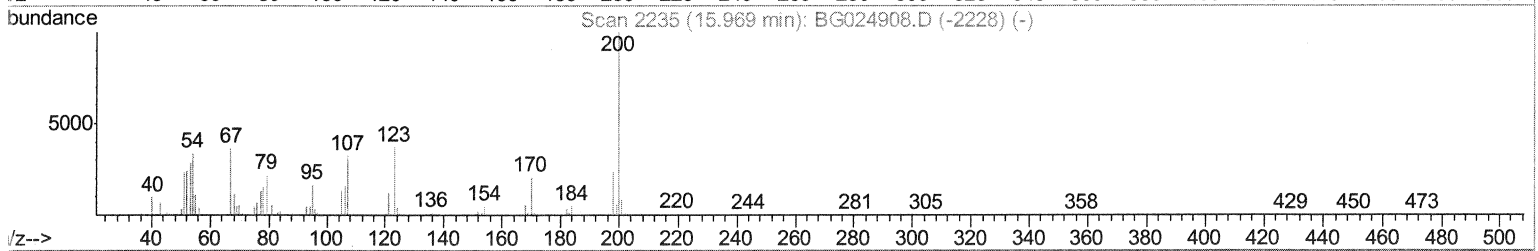
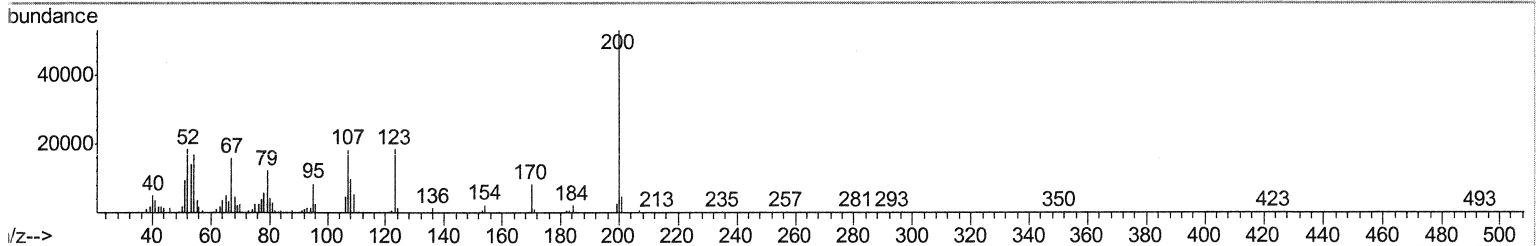
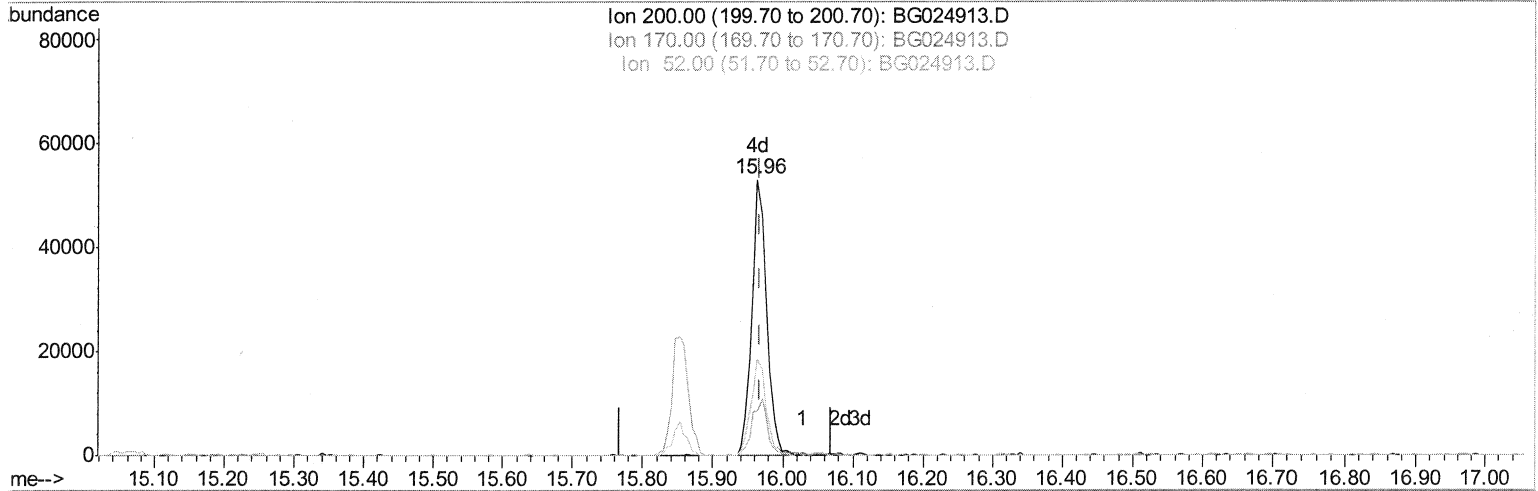
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112316\
 Data File : BG024913.D
 Acq On : 23 Nov 2016 19:09
 Operator : UM/SJ
 Sample : H5716-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4WH7

Manual Integrations
 APPROVED

sohil
 11/28/2016 4:48:07 PM

Quant Time: Nov 24 01:23:10 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG112316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 24 01:09:55 2016
 Response via : Initial Calibration



TIC: BG024913.D

(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.964min (-0.005) 15.83ng/ul m

UM

response 77578

11/28/16

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	15.72#
52.00	47.20	34.83#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112316\
Data File : BG024913.D
Acq On : 23 Nov 2016 19:09
Operator : UM/SJ
Sample : H5716-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4WH7

Manual Integrations
APPROVED

sohil
11/28/2016 4:48:07 PM

Quant Time: Nov 24 01:23:33 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG112316.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 24 01:09:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	82856	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	339627	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	286677	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	690280m	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	901633	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	914503	20.00	ng/ul	0.00

UM
11/28/16

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.60	96	443	0.25	ng/uL	-0.01
5) Phenol-d5	7.39	99	22312	2.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	67416	14.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	62272	11.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	45814	6.95	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	41923	15.66	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	48464	15.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	82755	13.11	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	5161	0.74	ng/ul	0.00
43) Dimethylphthalate-d6	14.26	166	348164	16.52	ng/ul	0.00
46) Acenaphthylene-d8	14.57	160	365073	15.74	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	13129m	3.54	ng/ul	0.00
57) Fluorene-d10	15.85	176	315258	16.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	77578m	15.83	ng/ul	0.00
70) Anthracene-d10	17.71	188	587857	18.72	ng/ul	0.00
76) Pyrene-d10	19.98	212	795403	19.81	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	798939	19.65	ng/ul	0.00

UM
11/28/16

Target Compounds Qvalue

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