

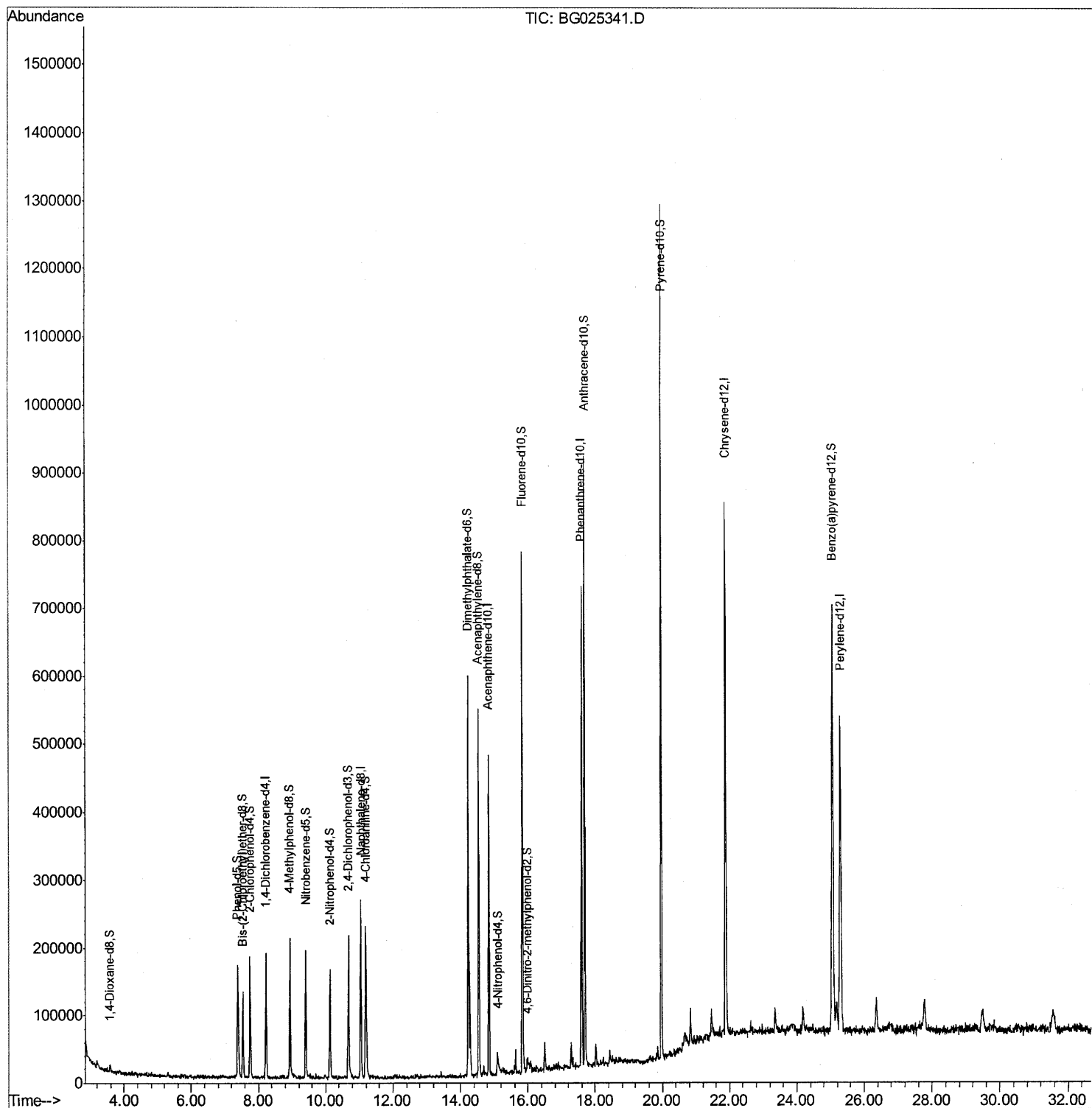
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025341.D
Acq On : 20 Dec 2016 6:12
Operator : UM/SJ
Sample : H6069-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
DA7J3

Manual Integrations
APPROVED

sohil
12/20/2016 6:29:59 PM

Quant Time: Dec 20 07:27:28 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 20 03:02:46 2016
Response via : Initial Calibration



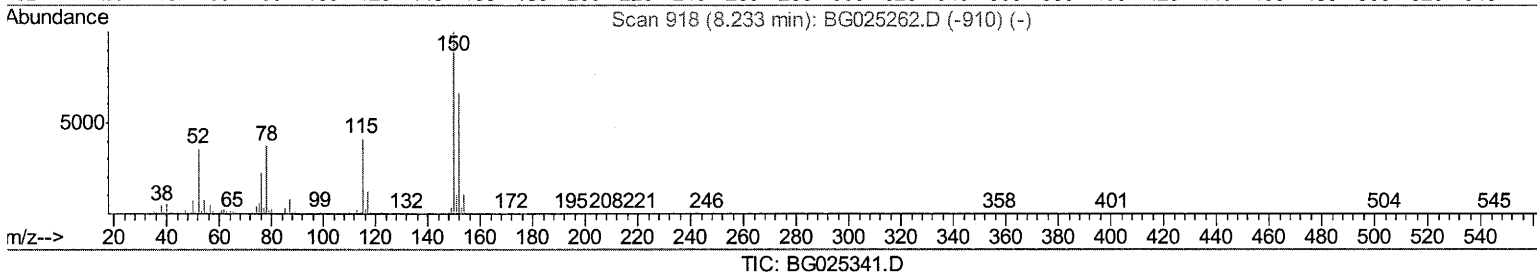
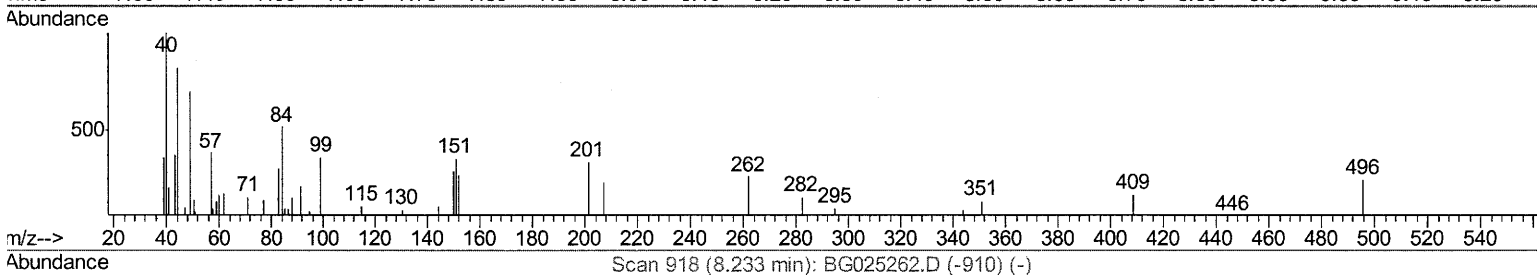
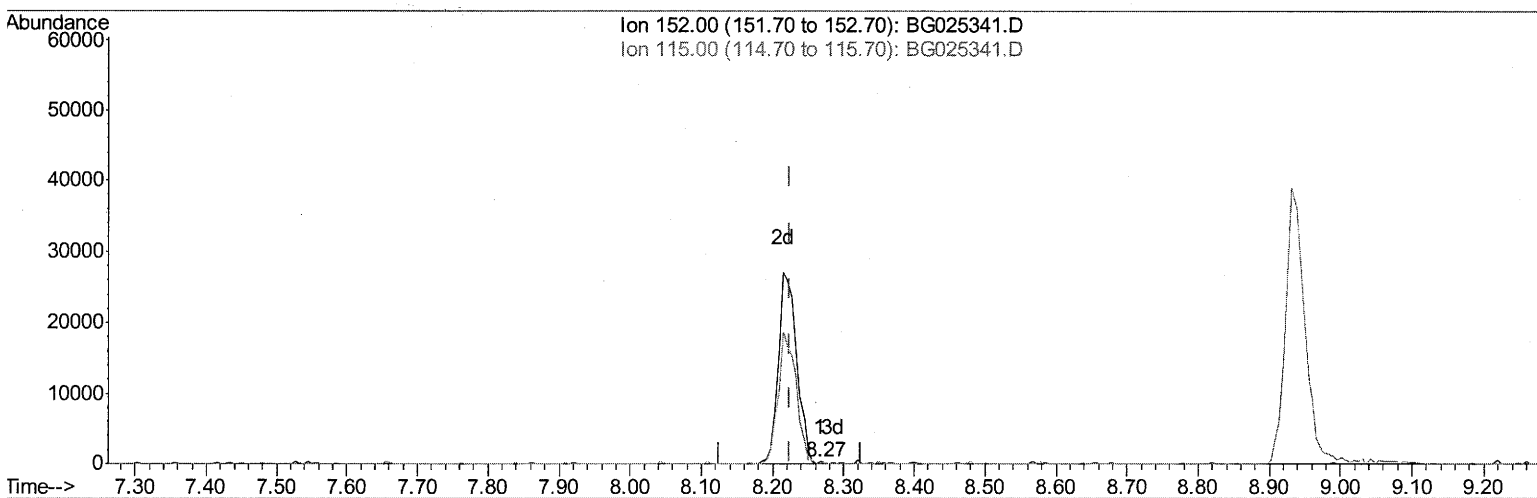
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025341.D
Acq On : 20 Dec 2016 6:12
Operator : UM/SJ
Sample : H6069-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA7J3

Manual Integrations
APPROVED

sohil
12/20/2016 6:29:59 PM

Quant Time: Dec 20 07:21:14 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 20 03:02:46 2016
Response via : Initial Calibration



(1) 1,4-Dichlorobenzene-d4 (I)

8.267min (+0.042) 20.00ng/ul

response 200

Ion	Exp%	Act%
152.00	100	100
115.00	57.40	59.12
0.00	0.00	0.00
0.00	0.00	0.00

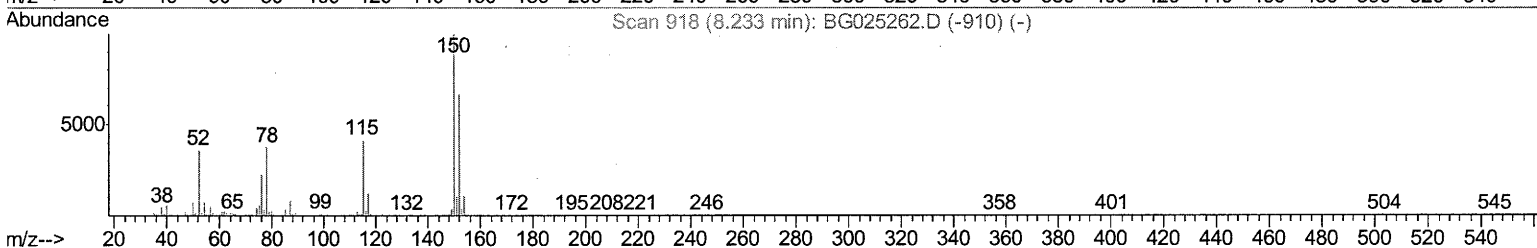
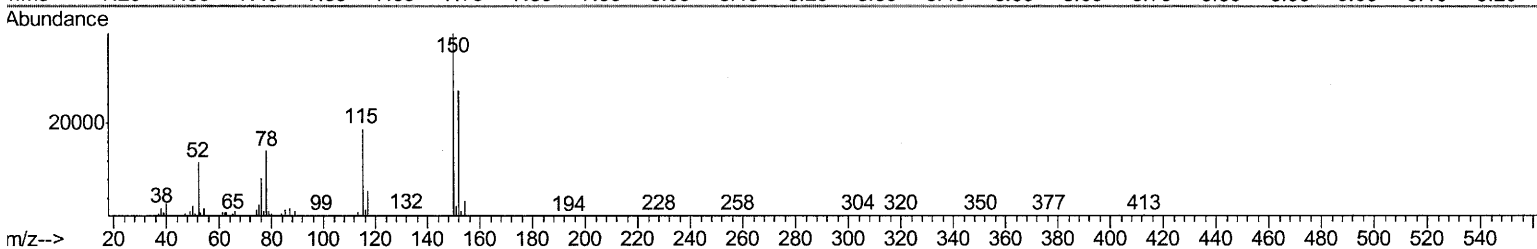
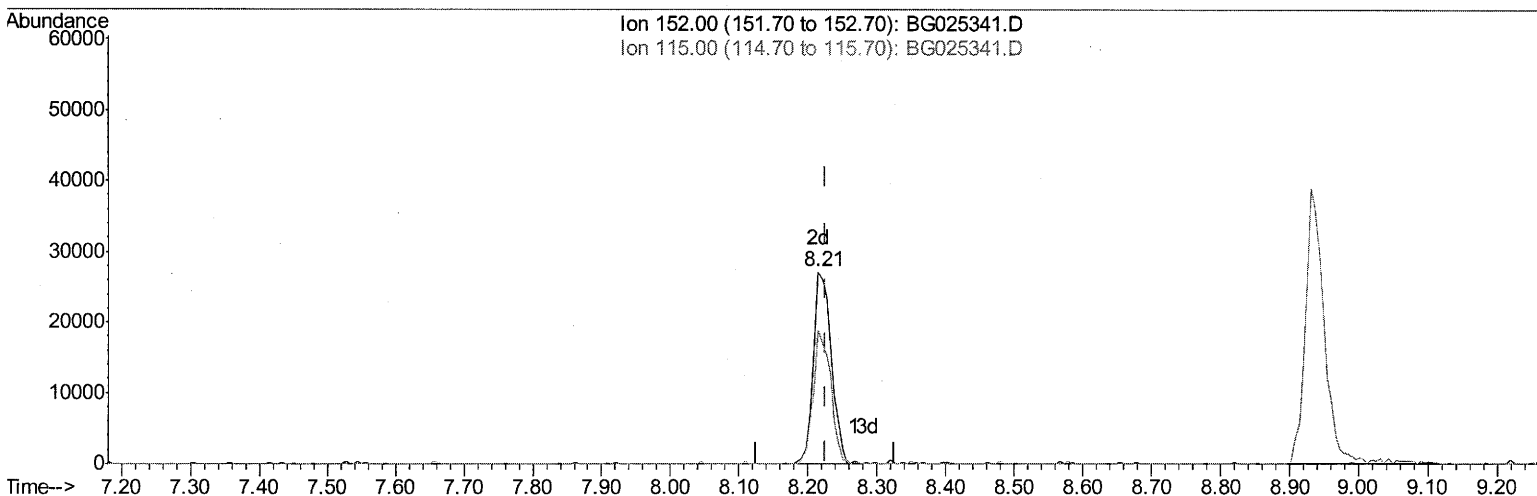
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025341.D
Acq On : 20 Dec 2016 6:12
Operator : UM/SJ
Sample : H6069-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA7J3

Manual Integrations
APPROVED

sohil
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Quant Time: Dec 20 07:21:14 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 20 03:02:46 2016
Response via : Initial Calibration



TIC: BG025341.D

(1) 1,4-Dichlorobenzene-d4 (I)

8.214min (-0.011) 20.00ng/ul m

response 48848

Ion Exp% Act%

152.00 100 100

115.00 57.40 69.48#

0.00 0.00 0.00

0.00 0.00 0.00

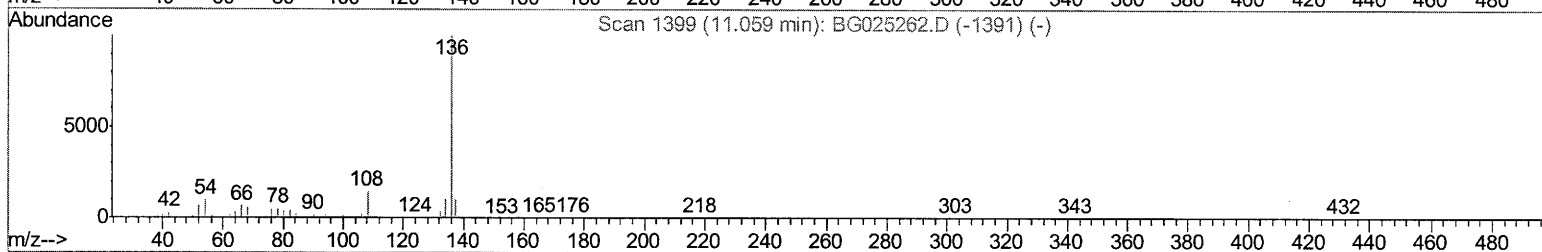
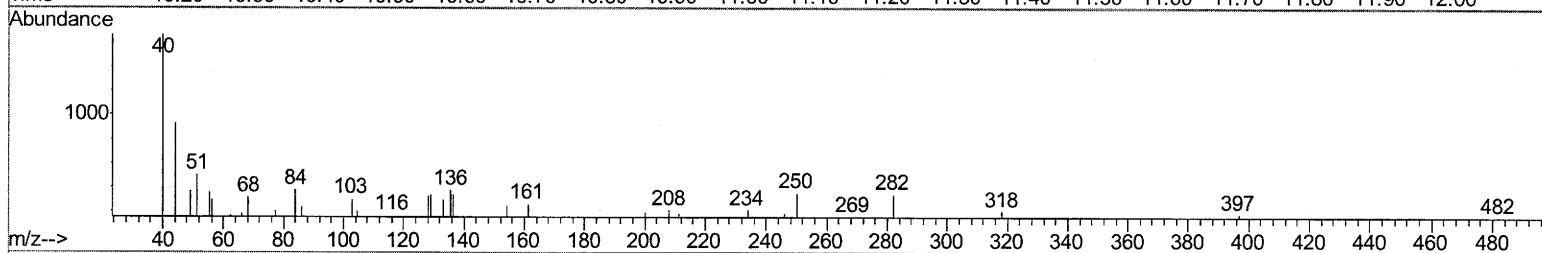
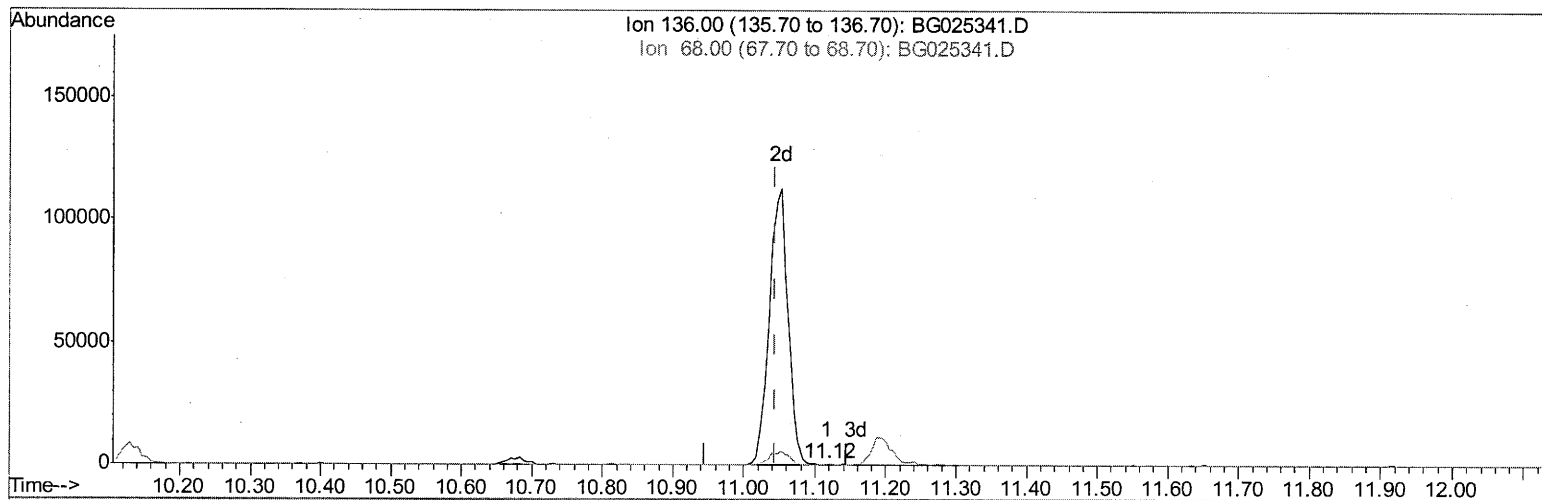
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025341.D
Acq On : 20 Dec 2016 6:12
Operator : UM/SJ
Sample : H6069-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA7J3

Manual Integrations
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Quant Time: Dec 20 07:21:14 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 20 03:02:46 2016
Response via : Initial Calibration



TIC: BG025341.D

(18) Naphthalene-d8 (I)

11.117min (+0.072) 20.00ng/ul

response 339

Ion	Exp%	Act%
136.00	100	100
68.00	6.80	44.24#
0.00	0.00	0.00
0.00	0.00	0.00

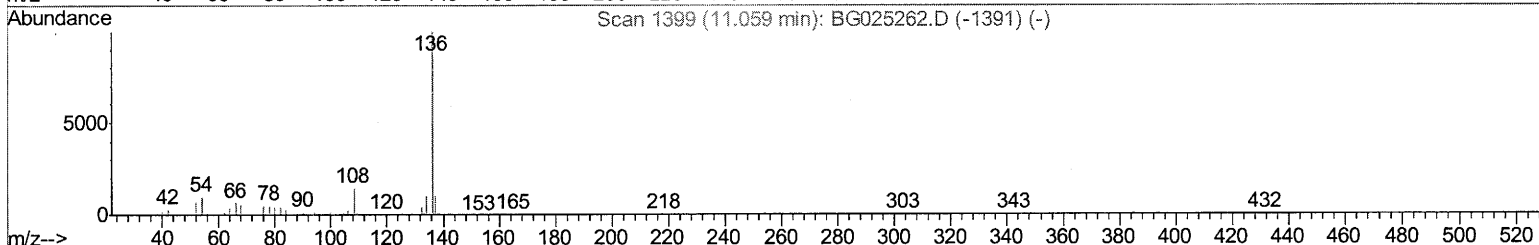
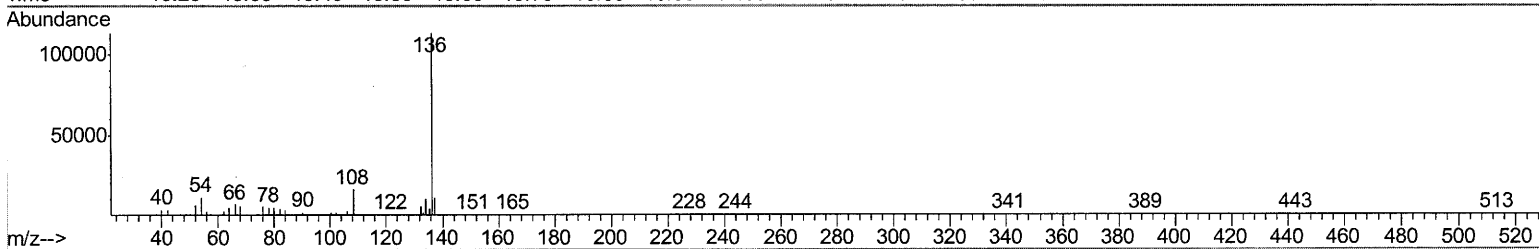
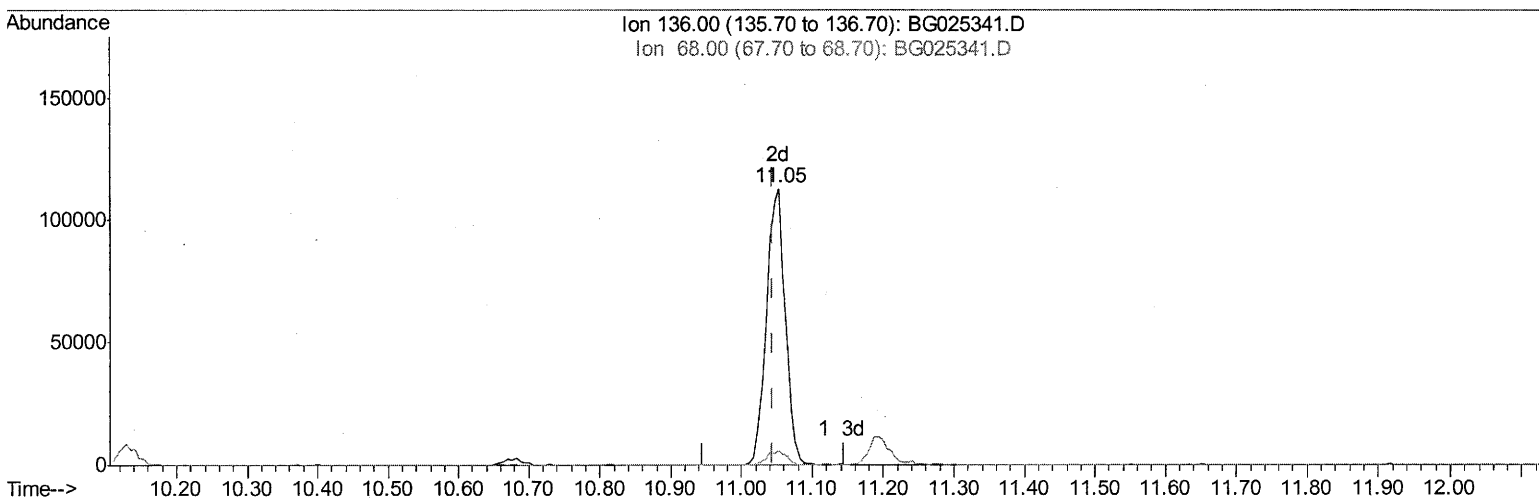
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025341.D
Acq On : 20 Dec 2016 6:12
Operator : UM/SJ
Sample : H6069-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA7J3

Manual Integrations
APPROVED

sohil
12/20/2016 6:29:59 PM

Quant Time: Dec 20 07:21:14 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 20 03:02:46 2016
Response via : Initial Calibration



TIC: BG025341.D

(18) Naphthalene-d8 (I)

11.052min (+0.007) 20.00ng/ul m

response 206187

Ion	Exp%	Act%
136.00	100	100
68.00	6.80	5.18#
0.00	0.00	0.00
0.00	0.00	0.00

um
12/20/16

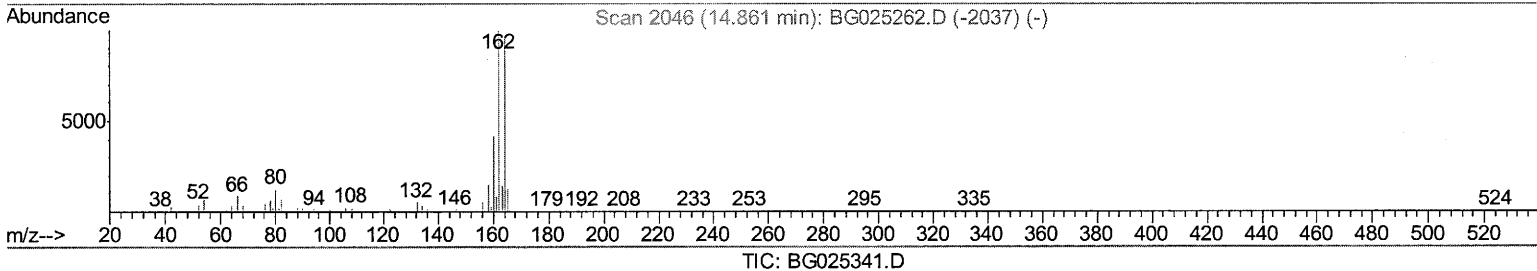
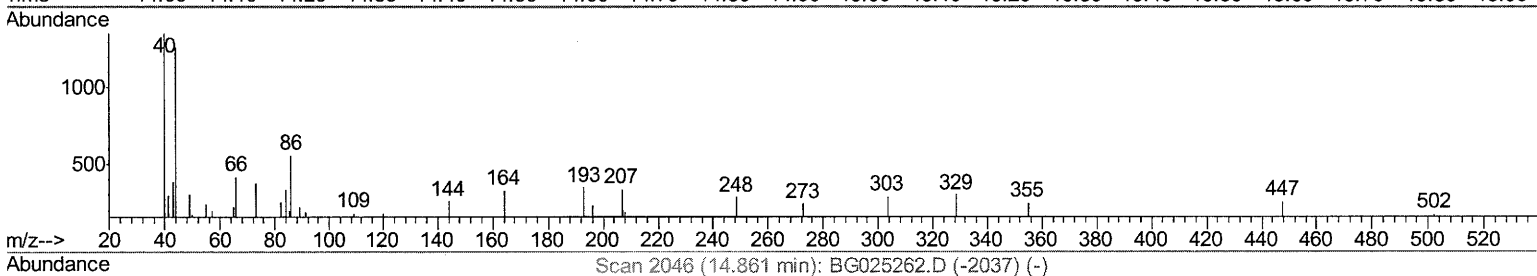
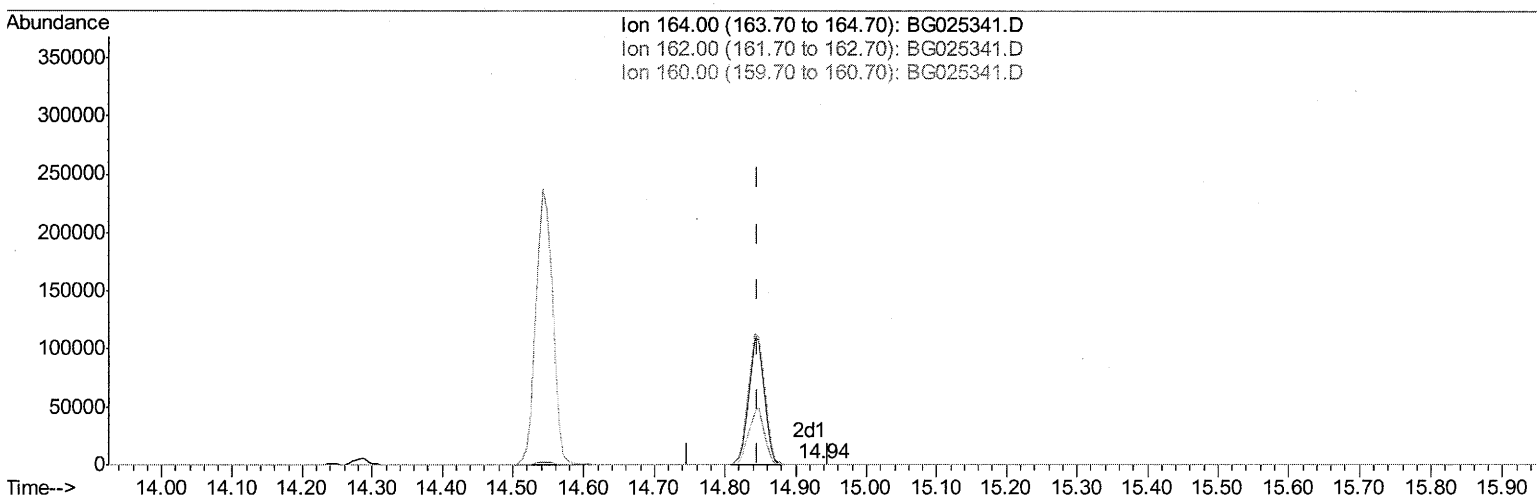
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025341.D
Acq On : 20 Dec 2016 6:12
Operator : UM/SJ
Sample : H6069-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA7J3

Manual Integrations
APPROVED

sohil
12/20/2016 6:29:59 PM

Quant Time: Dec 20 07:21:14 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 20 03:02:46 2016
Response via : Initial Calibration



(35) Acenaphthene-d10 (I)

14.936min (+0.089) 20.00ng/ul

response 291

Ion	Exp%	Act%
164.00	100	100
162.00	101.20	0.00#
160.00	46.30	0.00#
0.00	0.00	0.00

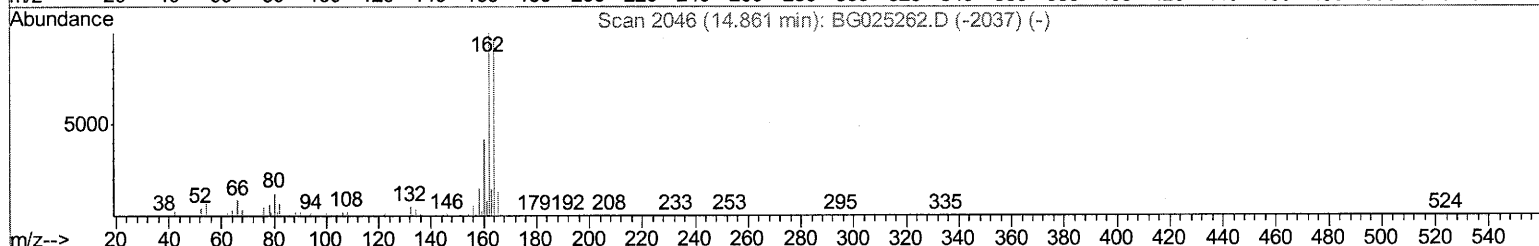
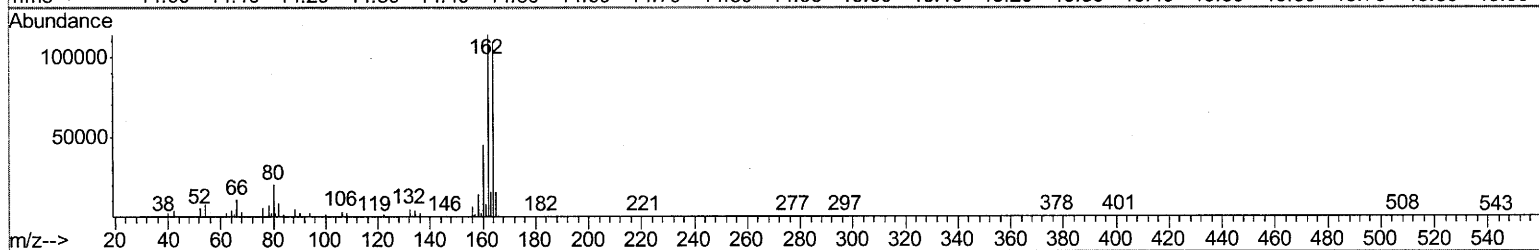
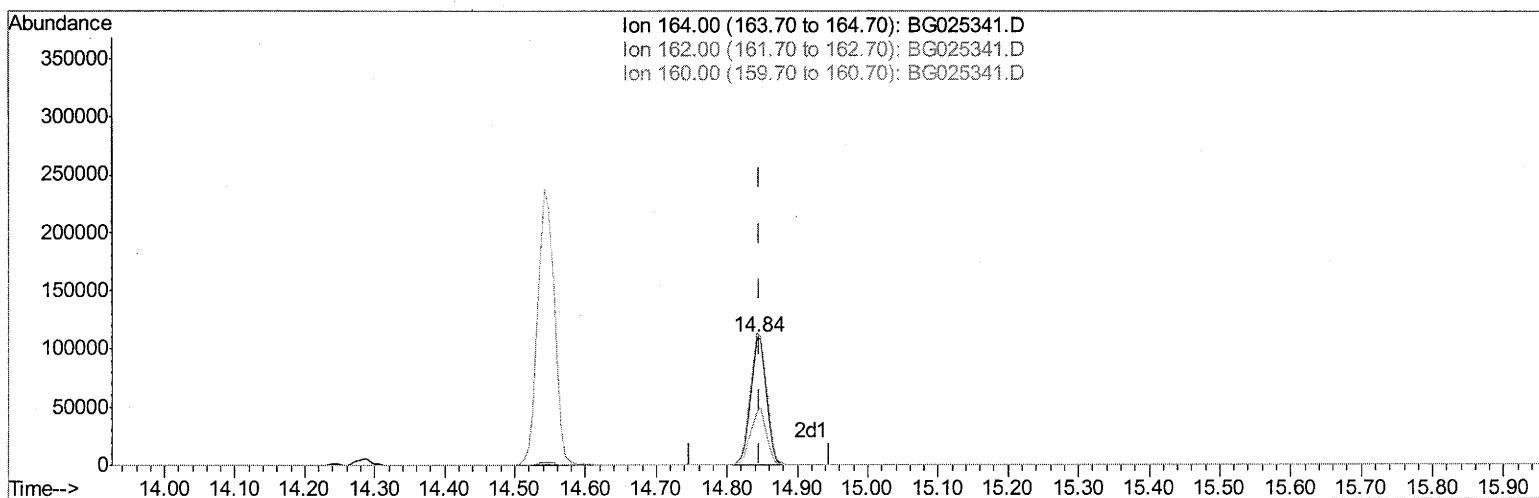
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025341.D
Acq On : 20 Dec 2016 6:12
Operator : UM/SJ
Sample : H6069-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA7J3

Manual Integrations
APPROVED

sohil
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Quant Time: Dec 20 07:21:14 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 20 03:02:46 2016
Response via : Initial Calibration



TIC: BG025341.D

(35) Acenaphthene-d10 (I)

14.842min (-0.005) 20.00ng/ul m

um

response 176239

12/20/16

Ion	Exp%	Act%
164.00	100	100
162.00	101.20	104.31
160.00	46.30	41.59
0.00	0.00	0.00

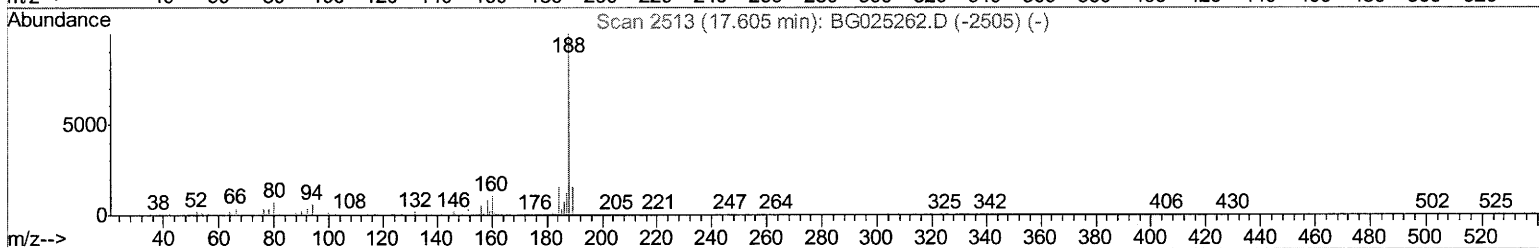
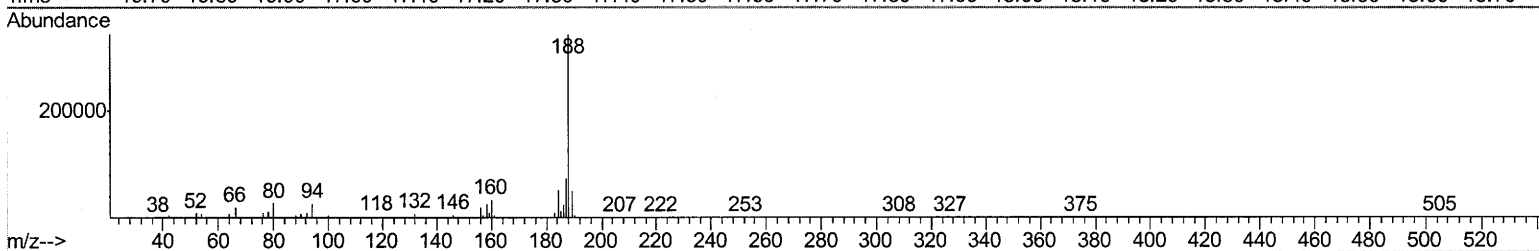
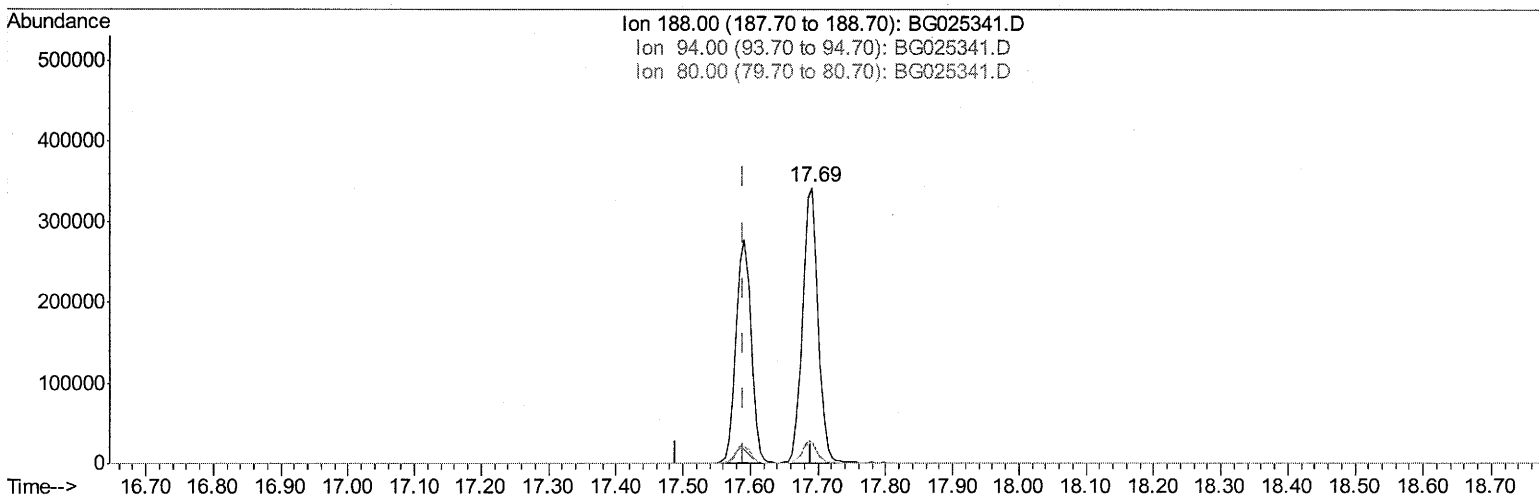
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025341.D
Acq On : 20 Dec 2016 6:12
Operator : UM/SJ
Sample : H6069-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA7J3

Manual Integrations
APPROVED

sohil
12/20/2016 6:29:59 PM

Quant Time: Dec 20 07:21:14 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 20 03:02:46 2016
Response via : Initial Calibration



TIC: BG025341.D

(61) Phenanthrene-d10 (I)

17.692min (+0.101) 20.00ng/ul

response 548418

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	7.65
80.00	9.50	8.26
0.00	0.00	0.00

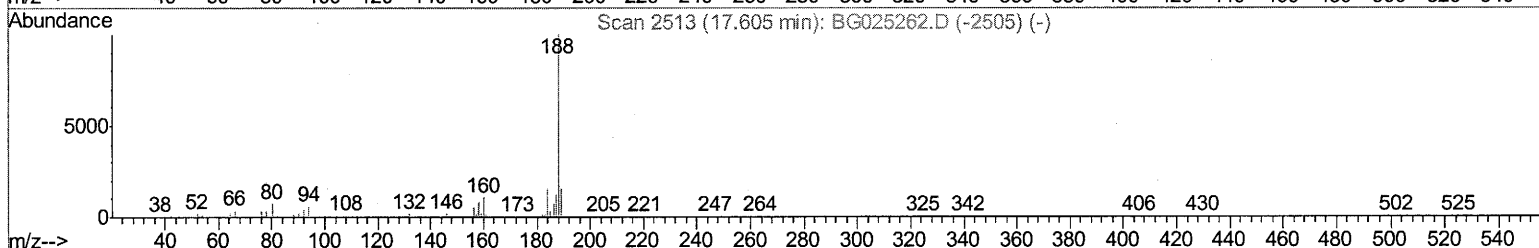
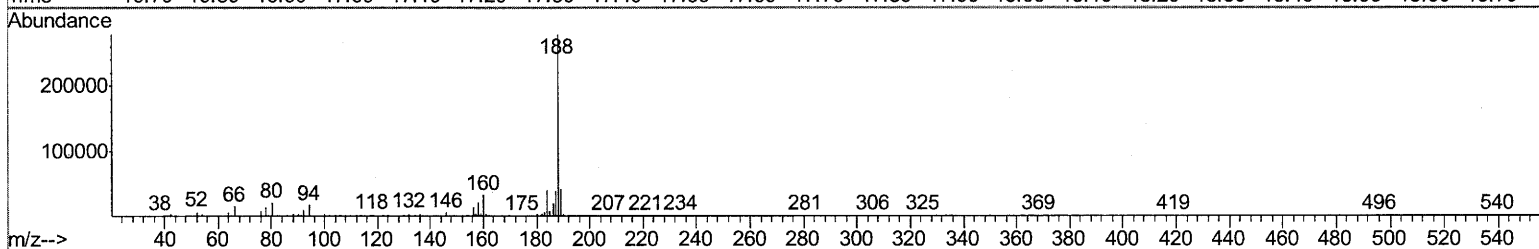
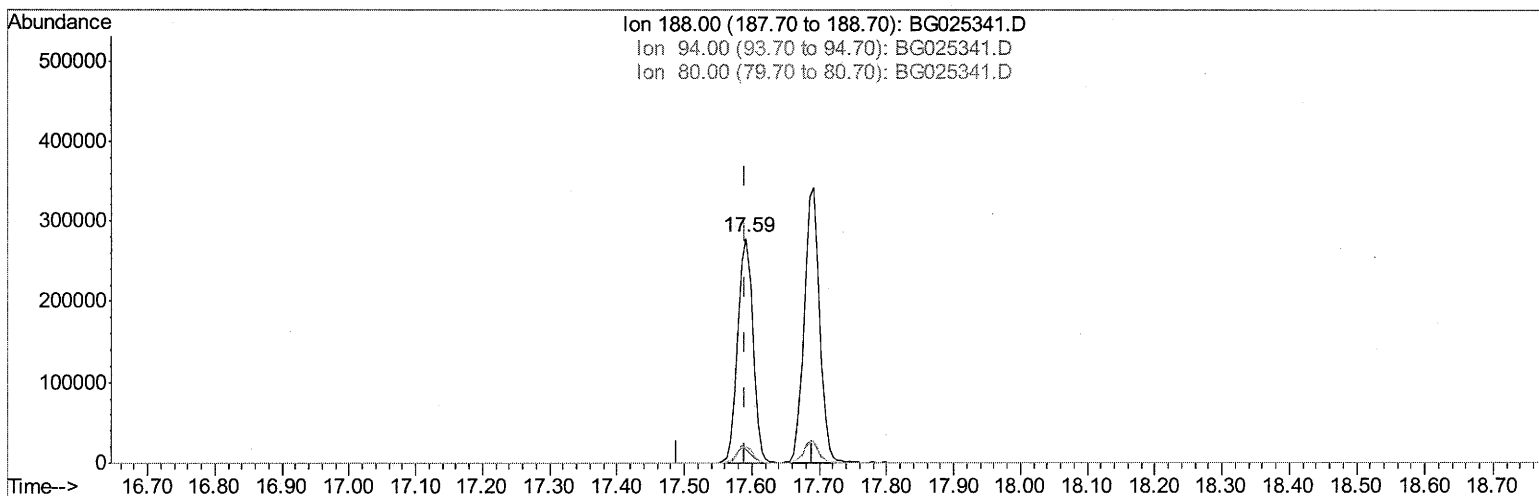
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025341.D
Acq On : 20 Dec 2016 6:12
Operator : UM/SJ
Sample : H6069-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA7J3

Manual Integrations
APPROVED

sohil
12/20/2016 6:29:59 PM

Quant Time: Dec 20 07:21:14 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 20 03:02:46 2016
Response via : Initial Calibration



TIC: BG025341.D

(61) Phenanthrene-d10 (I)

17.592min (+0.001) 20.00ng/ul m

response 433501

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	5.95#
80.00	9.50	7.51#
0.00	0.00	0.00

6m
12/20/16

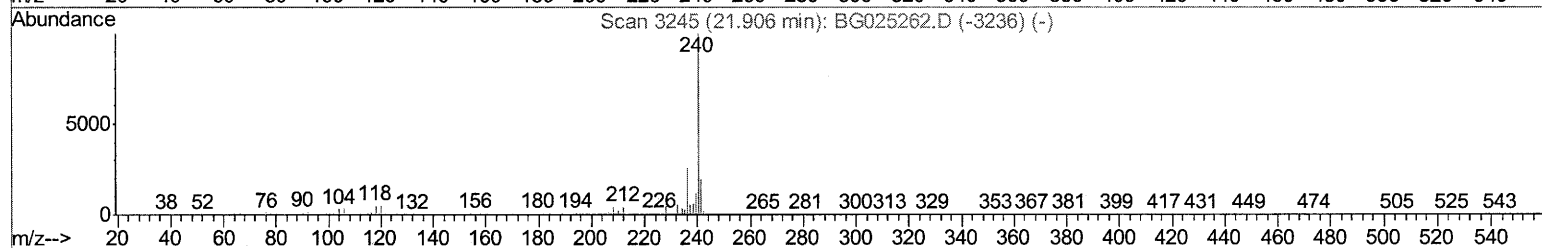
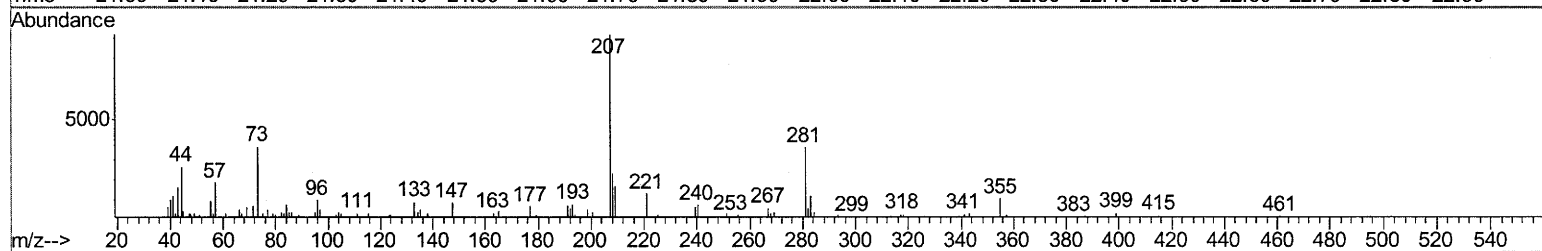
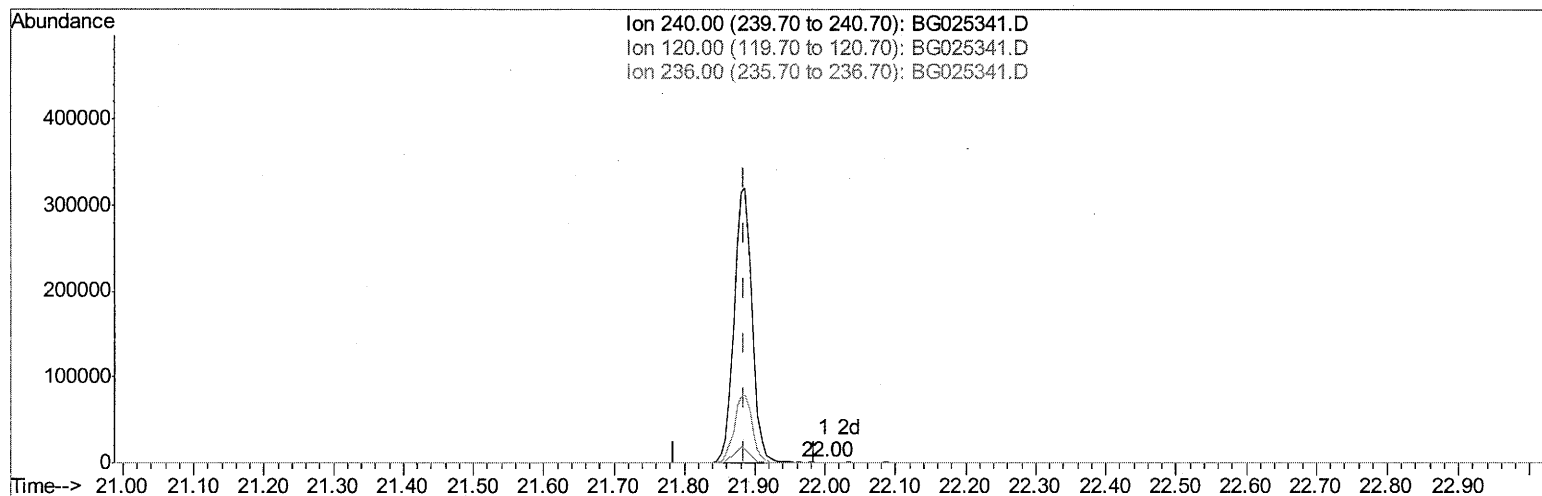
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025341.D
Acq On : 20 Dec 2016 6:12
Operator : UM/SJ
Sample : H6069-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA7J3

Manual Integrations
APPROVED

sohil
12/20/2016 6:29:59 PM

Quant Time: Dec 20 07:21:14 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 20 03:02:46 2016
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TIC: BG025341.D

(75) Chrysene-d12 (I)

21.998min (+0.113) 20.00ng/ul

response 1098

Ion	Exp%	Act%
240.00	100	100
120.00	6.40	31.84#
236.00	27.90	0.00#
0.00	0.00	0.00

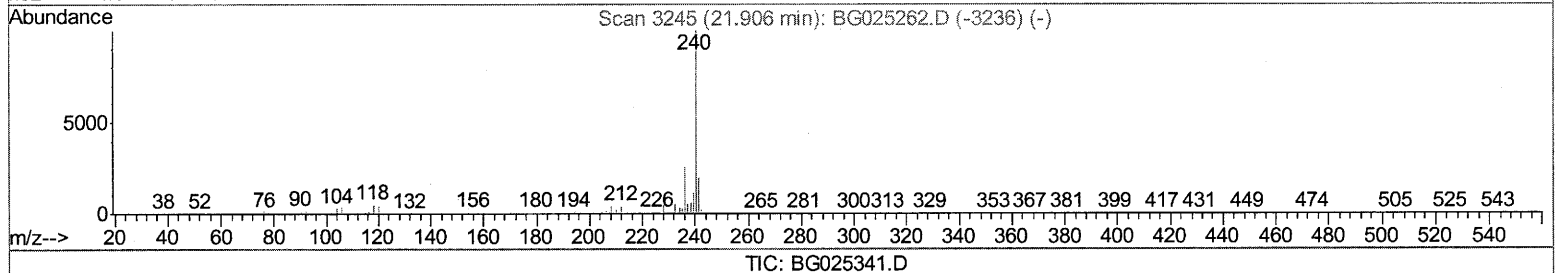
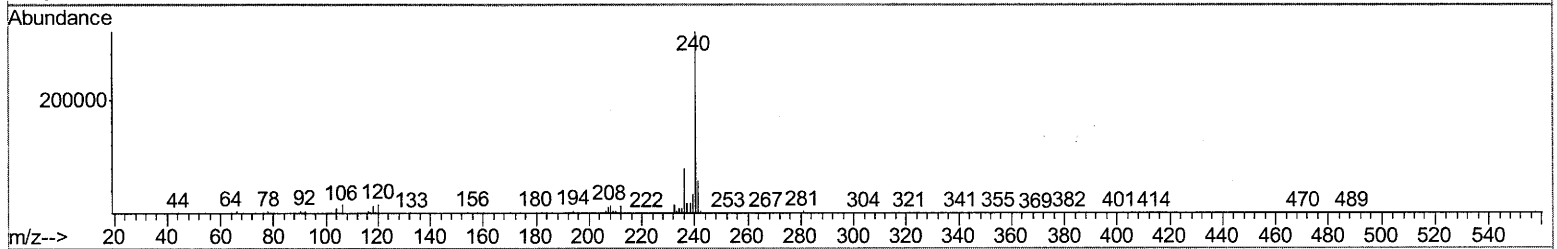
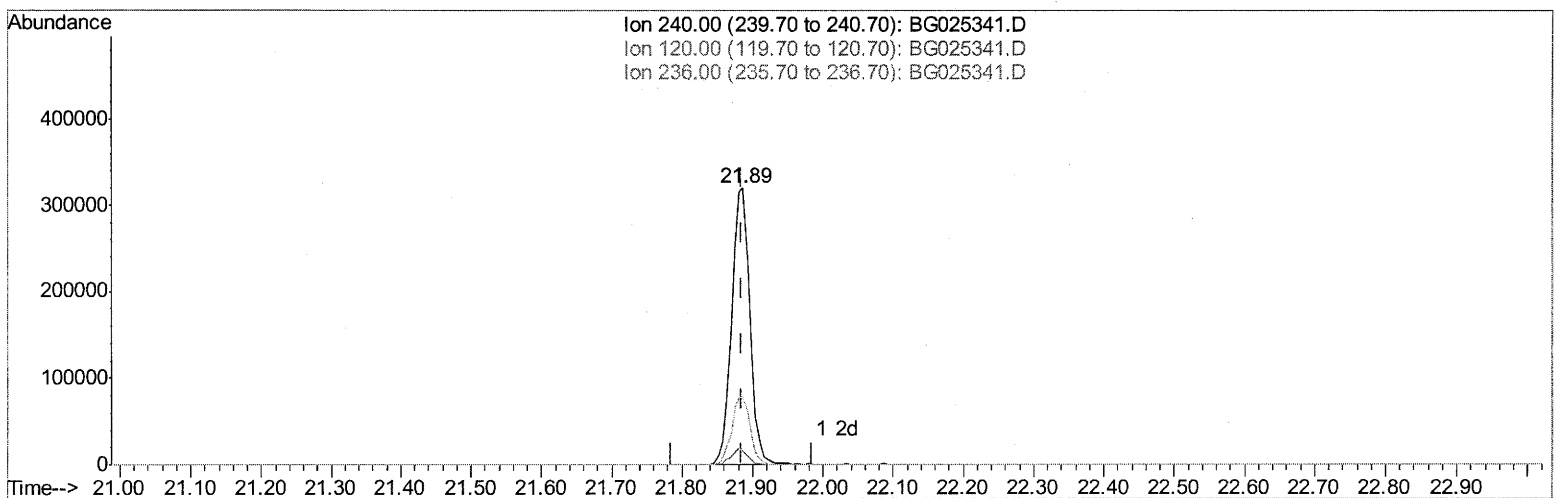
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025341.D
Acq On : 20 Dec 2016 6:12
Operator : UM/SJ
Sample : H6069-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA7J3

Manual Integrations
APPROVED

sohil
12/20/2016 6:29:59 PM

Quant Time: Dec 20 07:21:14 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 20 03:02:46 2016
Response via : Initial Calibration



(75) Chrysene-d12 (I)

21.887min (+0.001) 20.00ng/ul m

response 573474

Ion	Exp%	Act%
240.00	100	100
120.00	6.40	4.90#
236.00	27.90	24.68
0.00	0.00	0.00

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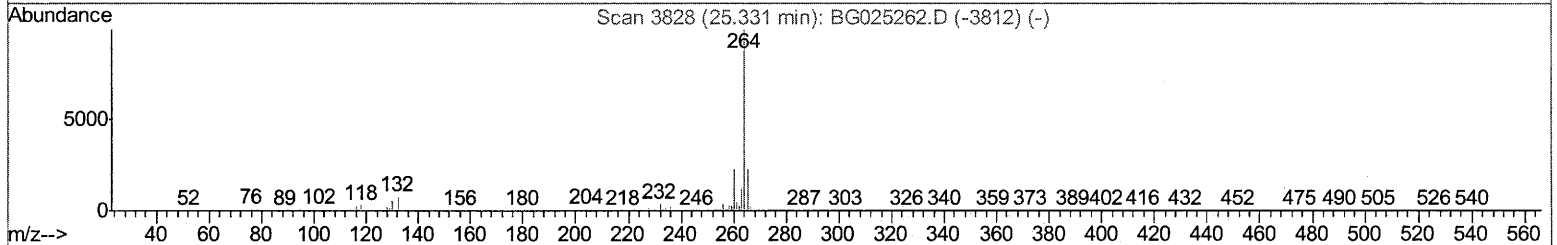
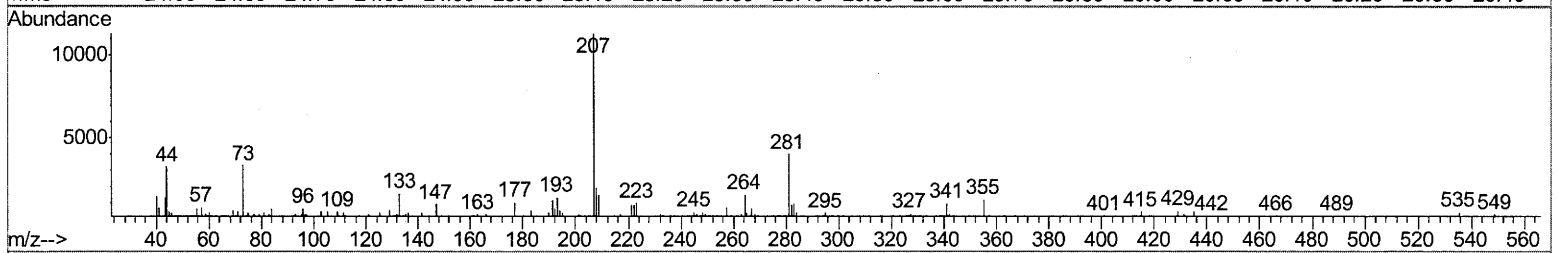
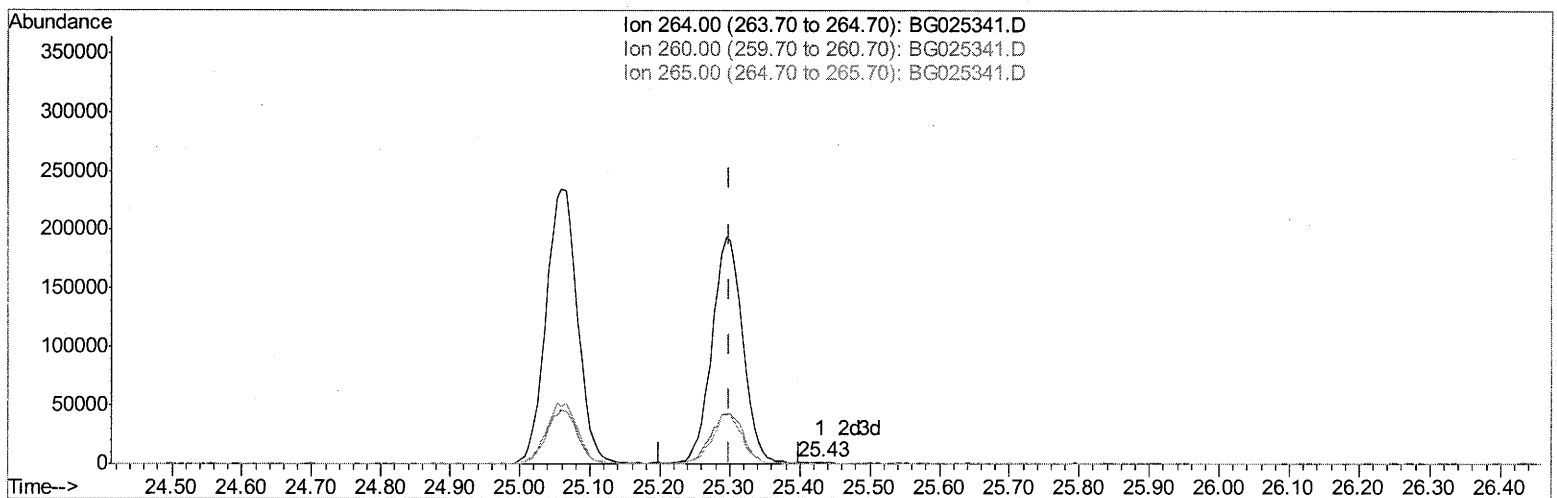
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025341.D
Acq On : 20 Dec 2016 6:12
Operator : UM/SJ
Sample : H6069-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA7J3

Manual Integrations
APPROVED

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12/20/2016 6:29:59 PM

Quant Time: Dec 20 07:21:14 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 20 03:02:46 2016
Response via : Initial Calibration



TIC: BG025341.D

(83) Perylene-d12 (I)

25.430min (+0.130) 20.00ng/ul

response 2018

Ion	Exp%	Act%
264.00	100	100
260.00	23.90	12.04#
265.00	20.60	26.05#
0.00	0.00	0.00

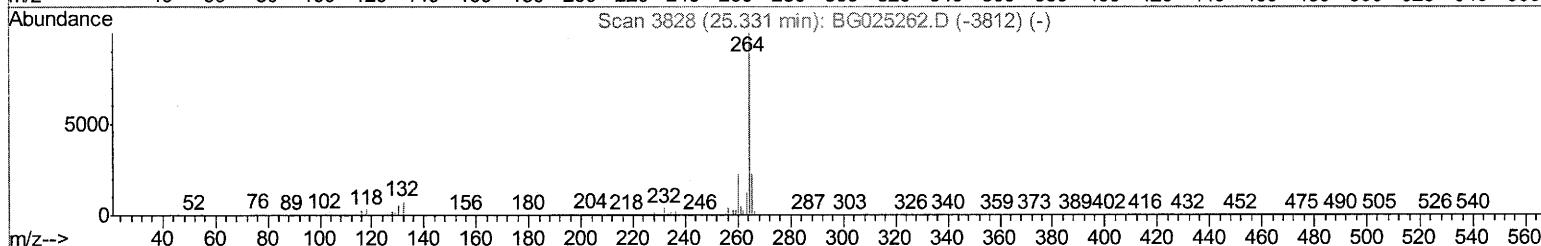
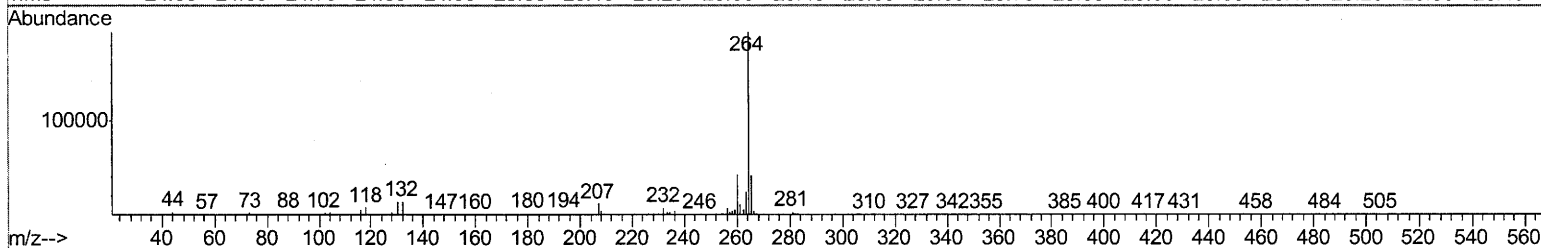
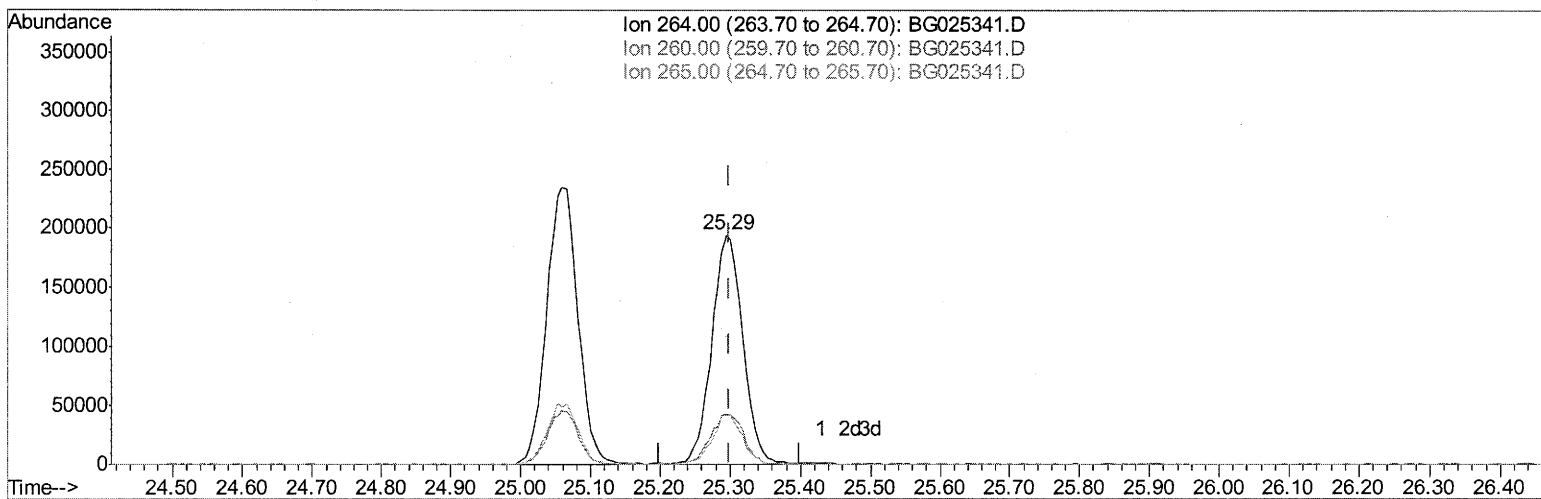
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025341.D
Acq On : 20 Dec 2016 6:12
Operator : UM/SJ
Sample : H6069-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
DA7J3

Manual Integrations
APPROVED

sohil
12/20/2016 6:29:59 PM

Quant Time: Dec 20 07:21:14 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 20 03:02:46 2016
Response via : Initial Calibration



TIC: BG025341.D

(83) Perylene-d12 (I)

25.294min (-0.005) 20.00ng/ul m

response 595585

Ion	Exp%	Act%
264.00	100	100
260.00	23.90	21.74
265.00	20.60	21.60
0.00	0.00	0.00

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12/20/16

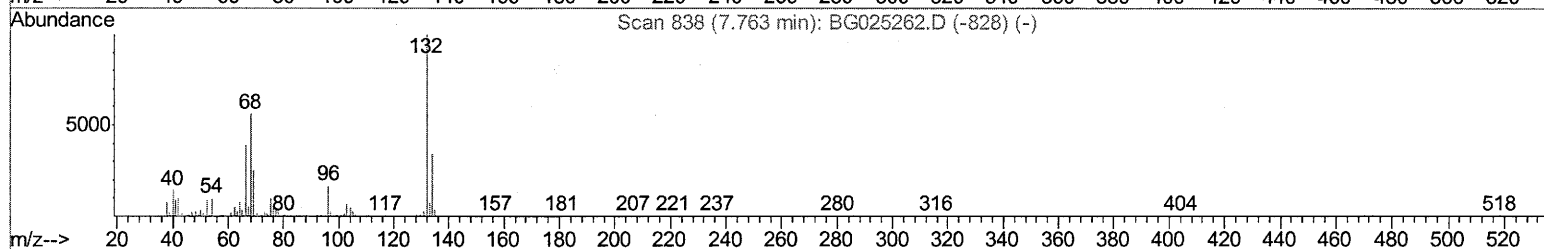
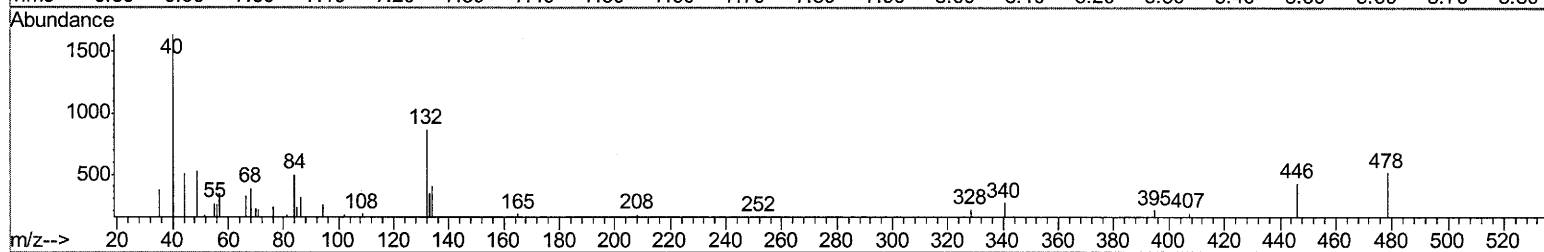
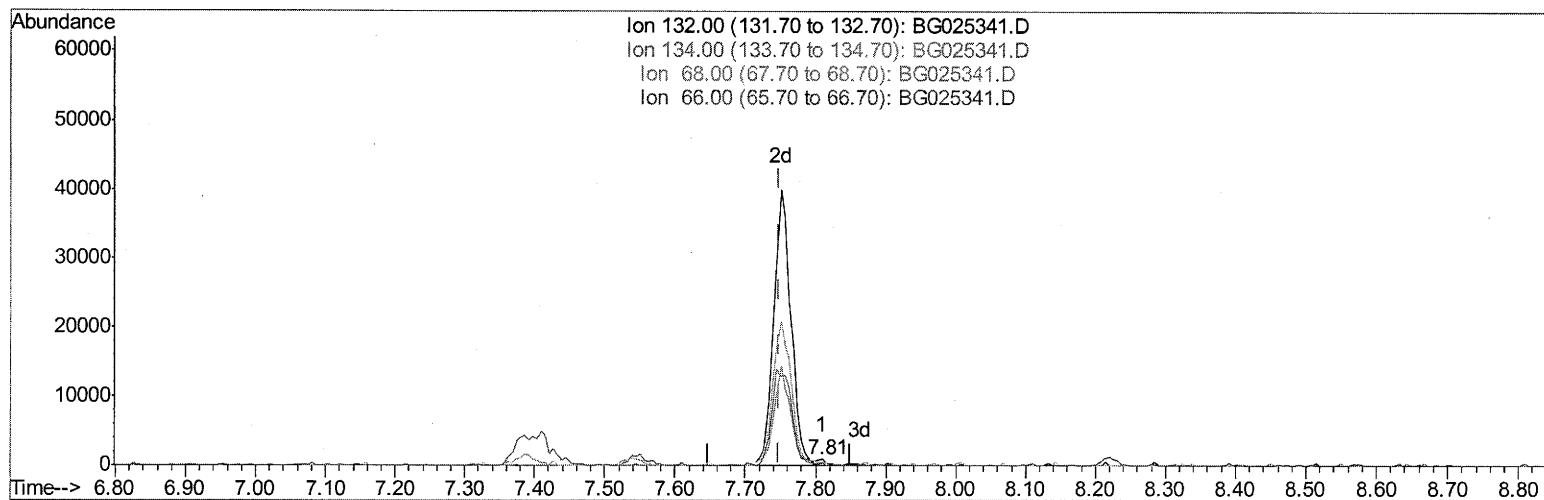
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025341.D
Acq On : 20 Dec 2016 6:12
Operator : UM/SJ
Sample : H6069-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA7J3

Manual Integrations
APPROVED

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12/20/2016 6:29:59 PM

Quant Time: Dec 20 07:23:53 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 20 03:02:46 2016
Response via : Initial Calibration



TIC: BG025341.D

(9) 2-Chlorophenol-d4 (S)

7.809min (+0.060) 0.30ng/ul

response 880

Ion	Exp%	Act%
132.00	100	100
134.00	38.90	46.53
68.00	51.70	44.91
66.00	47.60	37.04#

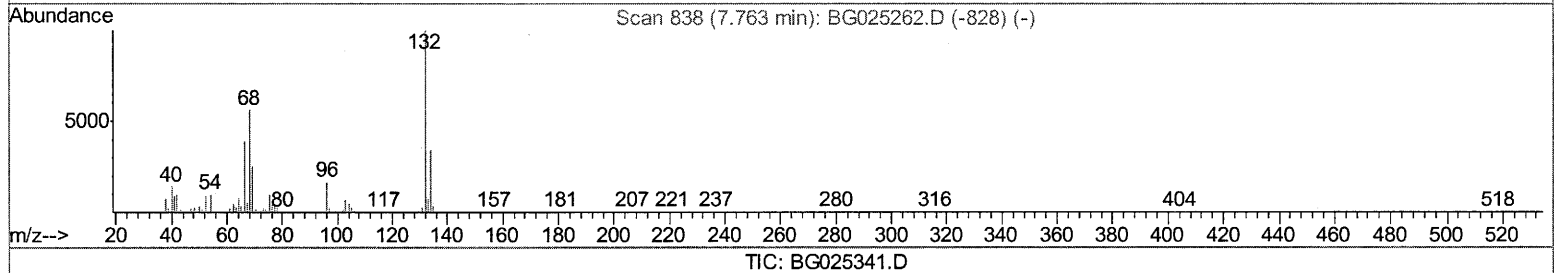
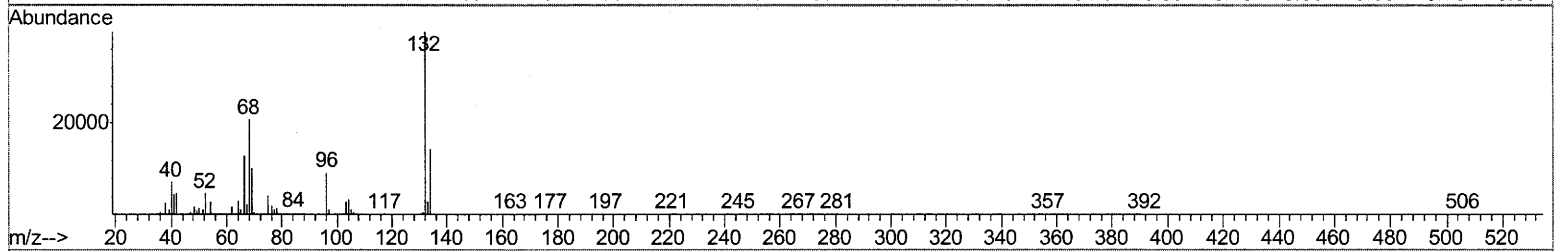
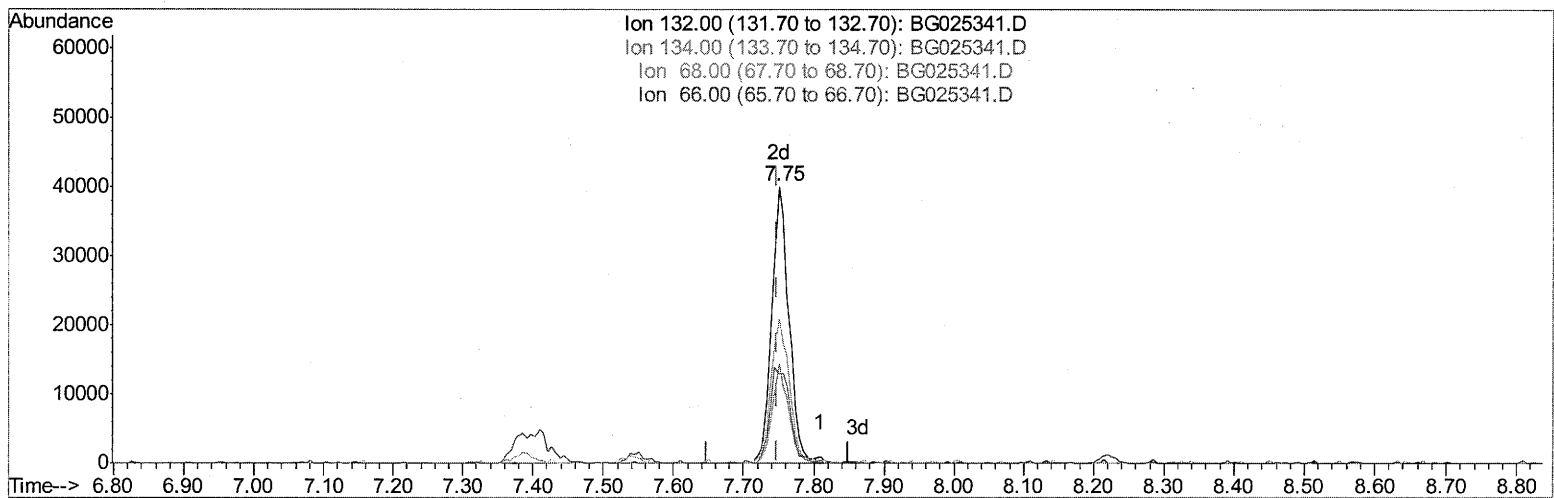
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025341.D
Acq On : 20 Dec 2016 6:12
Operator : UM/SJ
Sample : H6069-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA7J3

Manual Integrations
APPROVED

sohil
12/20/2016 6:29:59 PM

Quant Time: Dec 20 07:23:53 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 20 03:02:46 2016
Response via : Initial Calibration



(9) 2-Chlorophenol-d4 (S)

7.750min (+0.001) 22.95ng/ul m

response 67644

Ion	Exp%	Act%
132.00	100	100
134.00	38.90	36.06
68.00	51.70	52.21
66.00	47.60	32.43#

Um
12/20/16

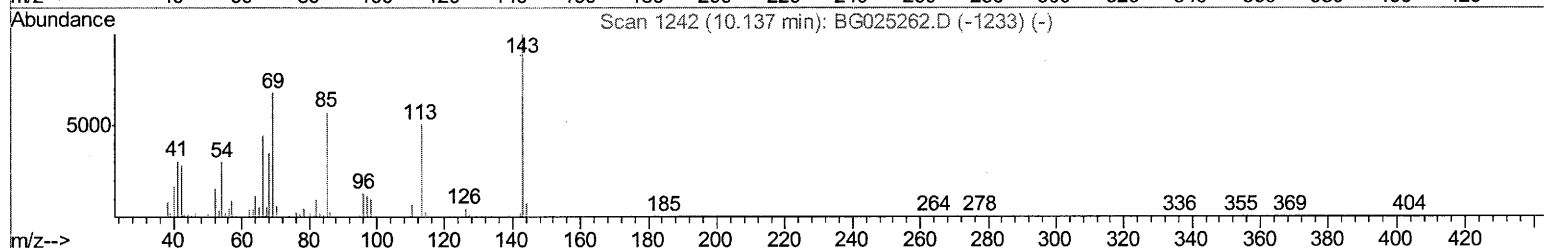
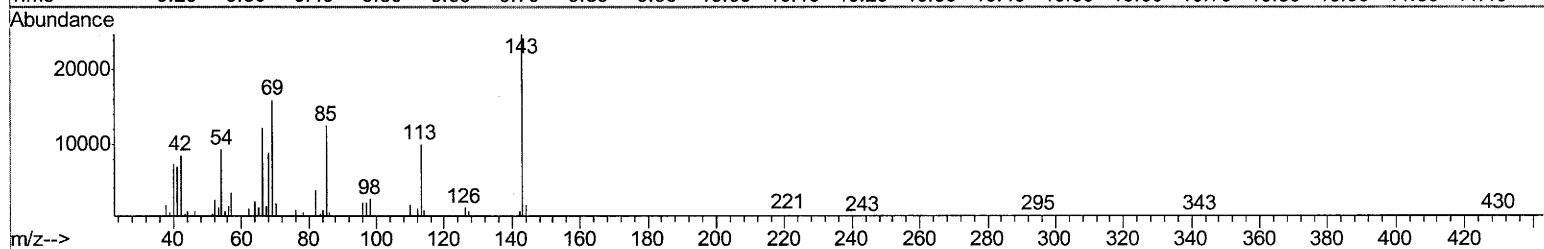
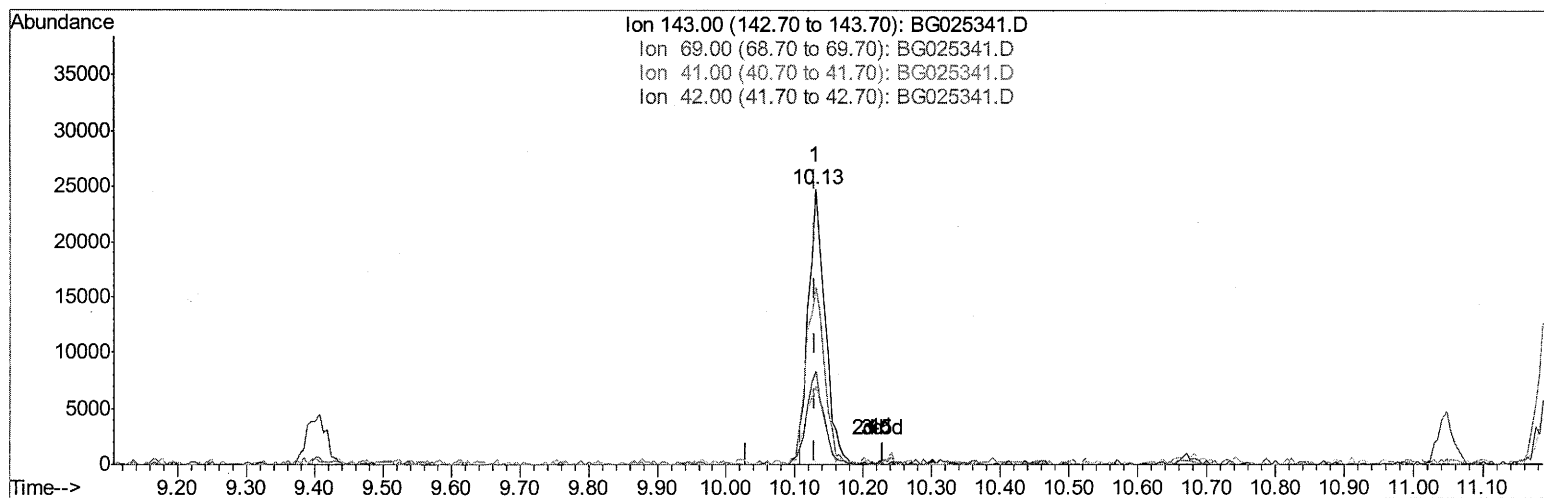
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025341.D
Acq On : 20 Dec 2016 6:12
Operator : UM/SJ
Sample : H6069-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
DA7J3

Manual Integrations
APPROVED

sohil
12/20/2016 6:29:59 PM

Quant Time: Dec 20 07:23:53 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 20 03:02:46 2016
Response via : Initial Calibration



TIC: BG025341.D

(22) 2-Nitrophenol-d4 (S)

10.130min (+0.001) 22.56ng/ul

response 41068

Ion	Exp%	Act%
143.00	100	100
69.00	59.00	64.25
41.00	27.70	27.99
42.00	37.20	33.72

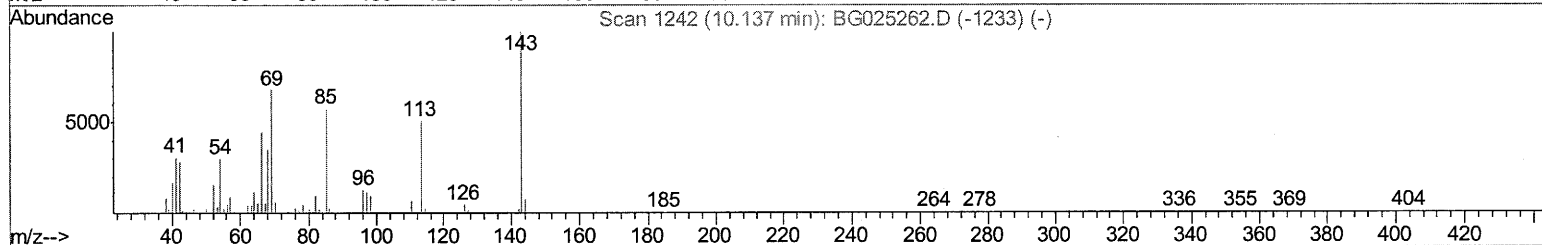
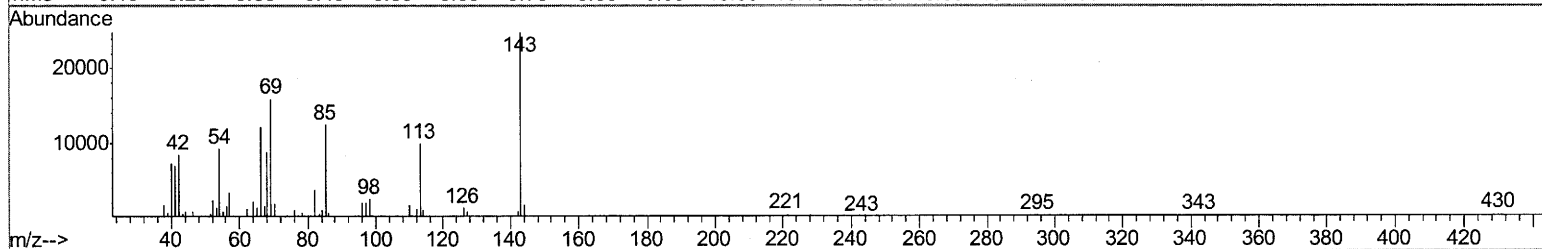
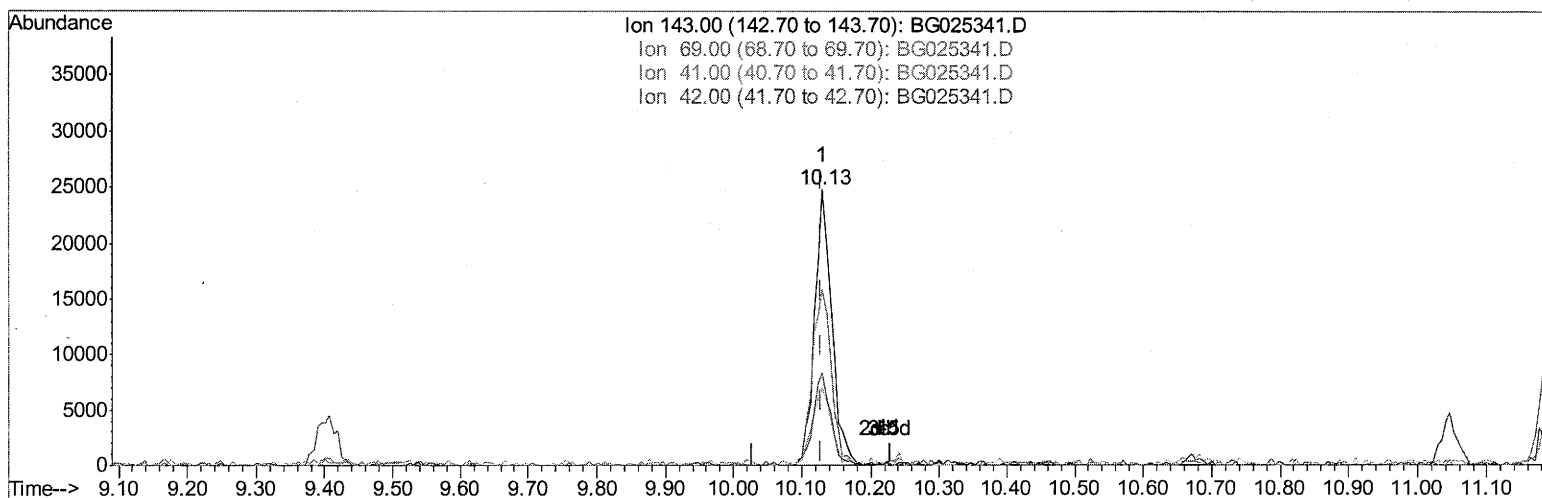
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025341.D
Acq On : 20 Dec 2016 6:12
Operator : UM/SJ
Sample : H6069-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
DA7J3

Manual Integrations
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sohil
12/20/2016 6:29:59 PM

Quant Time: Dec 20 07:23:53 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 20 03:02:46 2016
Response via : Initial Calibration



TIC: BG025341.D

(22) 2-Nitrophenol-d4 (S)

10.130min (+0.001) 23.43ng/ul m

response 42655

Ion	Exp%	Act%
143.00	100	100
69.00	59.00	64.25
41.00	27.70	27.99
42.00	37.20	33.72

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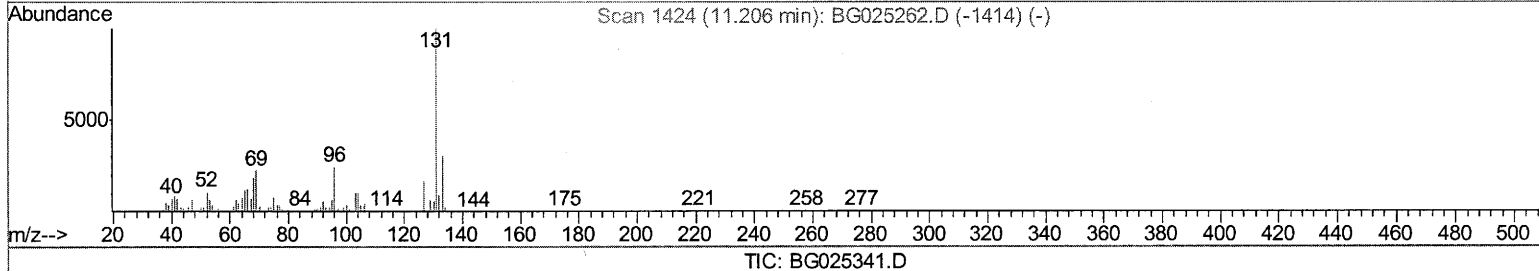
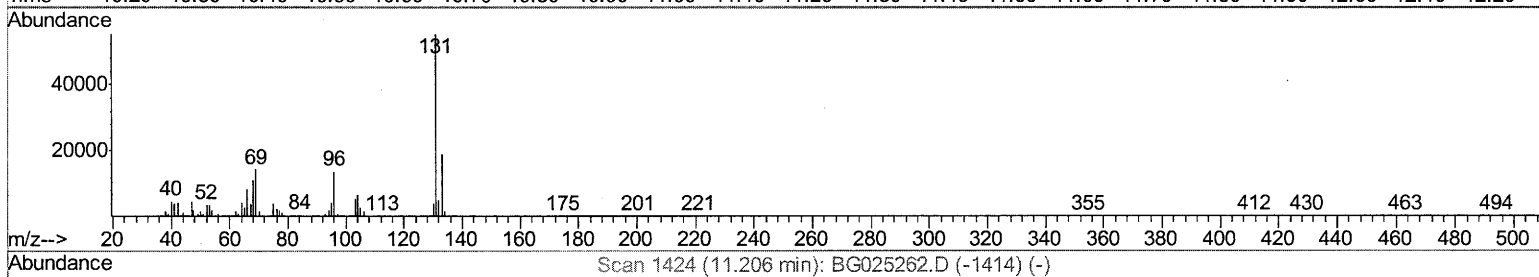
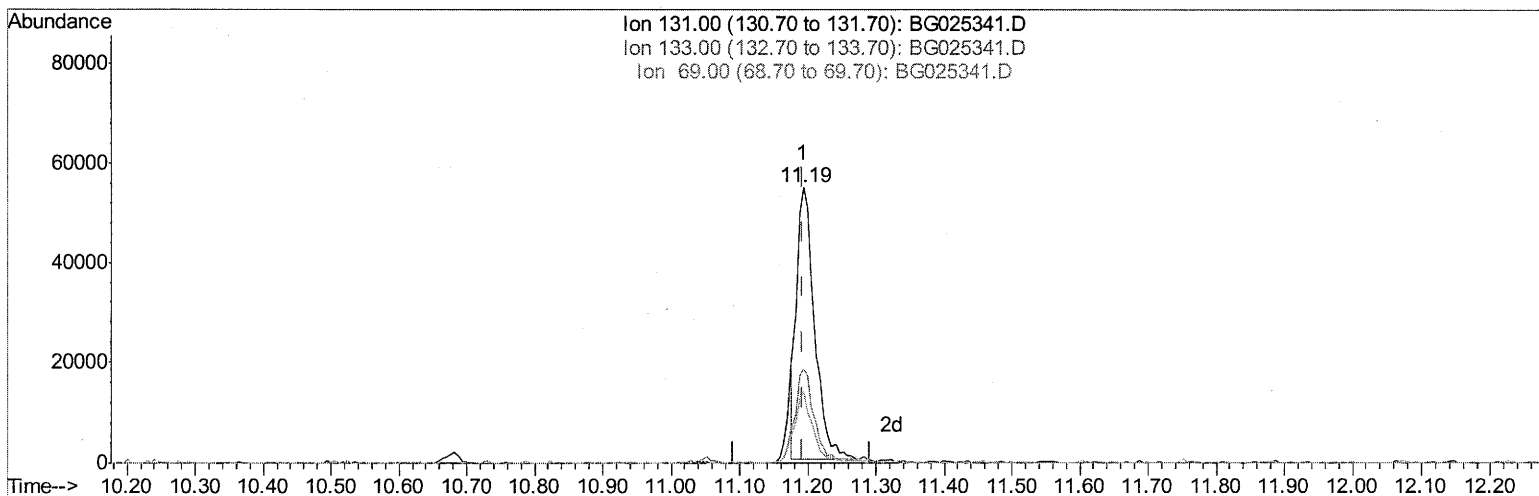
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025341.D
Acq On : 20 Dec 2016 6:12
Operator : UM/SJ
Sample : H6069-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA7J3

Manual Integrations
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sohil
12/20/2016 6:29:59 PM

Quant Time: Dec 20 07:23:53 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 20 03:02:46 2016
Response via : Initial Calibration



(29) 4-Chloroaniline-d4 (S)

11.193min (+0.001) 28.88ng/ul

response 99345

Ion	Exp%	Act%
131.00	100	100
133.00	35.40	34.25
69.00	23.80	26.04
0.00	0.00	0.00

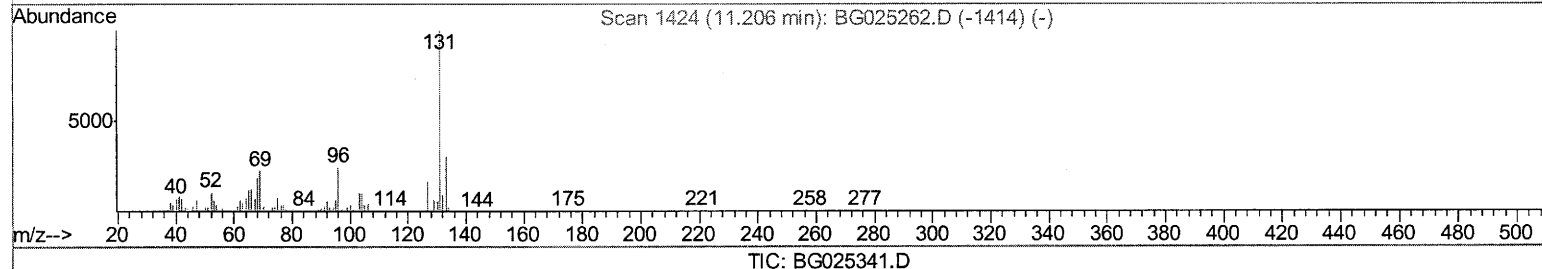
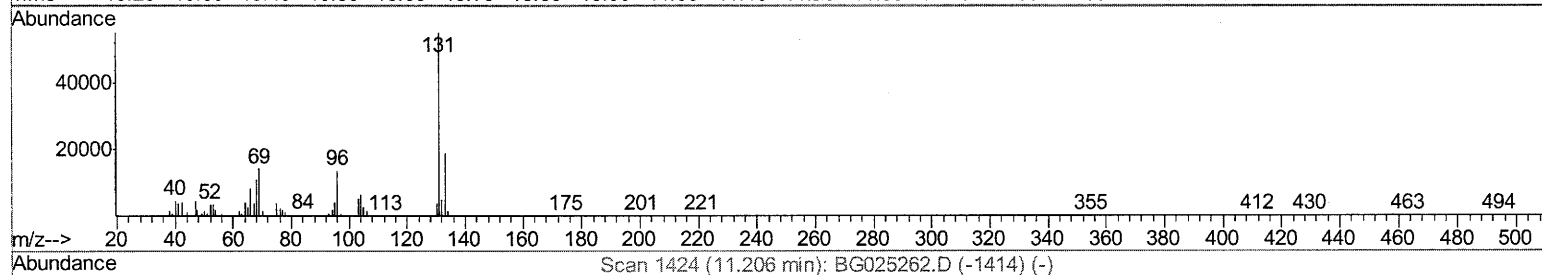
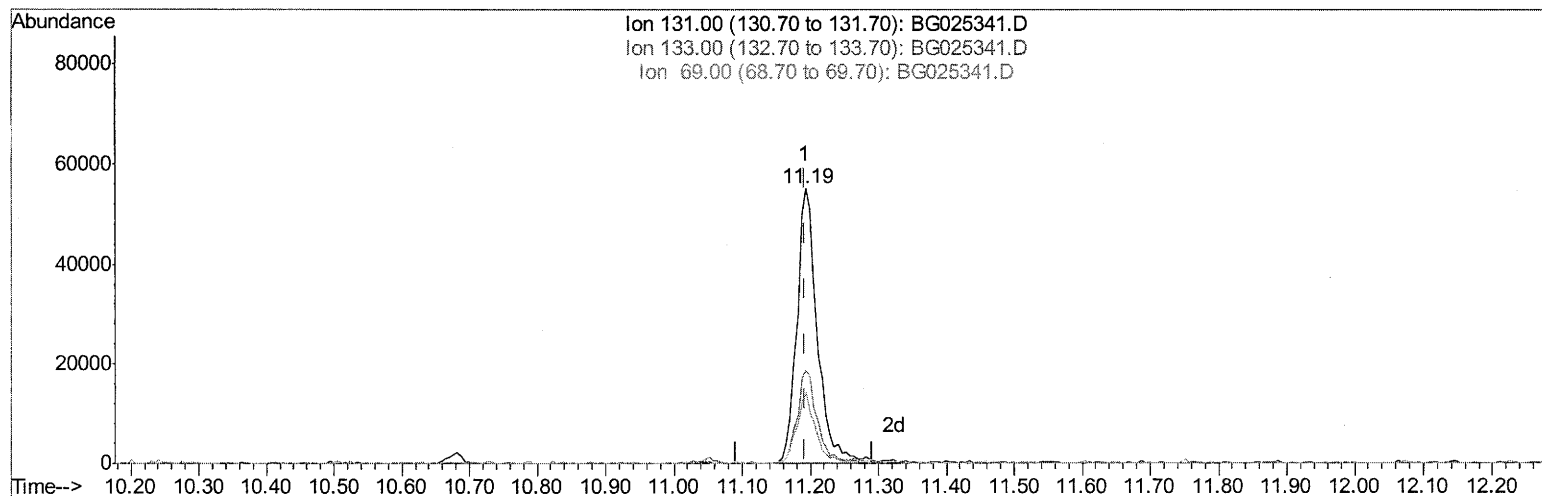
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025341.D
Acq On : 20 Dec 2016 6:12
Operator : UM/SJ
Sample : H6069-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA7J3

Manual Integrations
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Quant Time: Dec 20 07:23:53 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 20 03:02:46 2016
Response via : Initial Calibration



(29) 4-Chloroaniline-d4 (S)

11.193min (+0.001) 33.39ng/ul m

UM

response 114866

12/20/16

Ion	Exp%	Act%
131.00	100	100
133.00	35.40	34.25
69.00	23.80	26.04
0.00	0.00	0.00

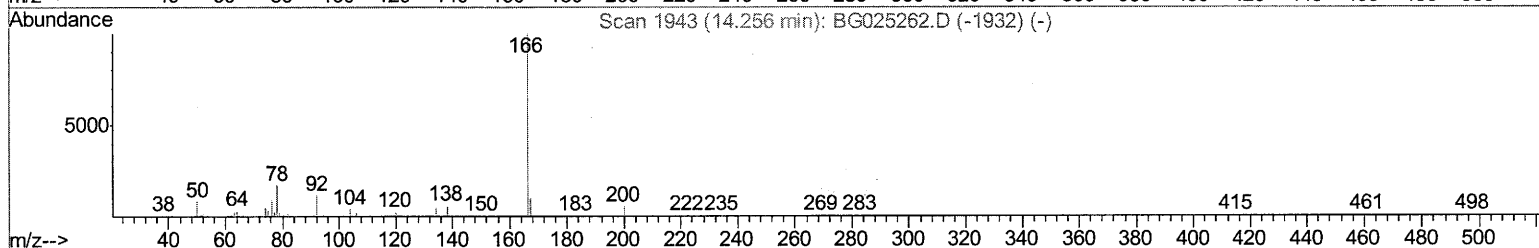
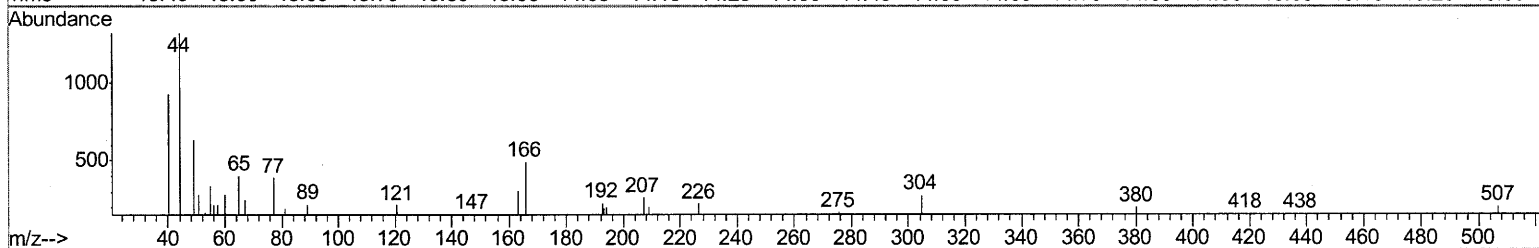
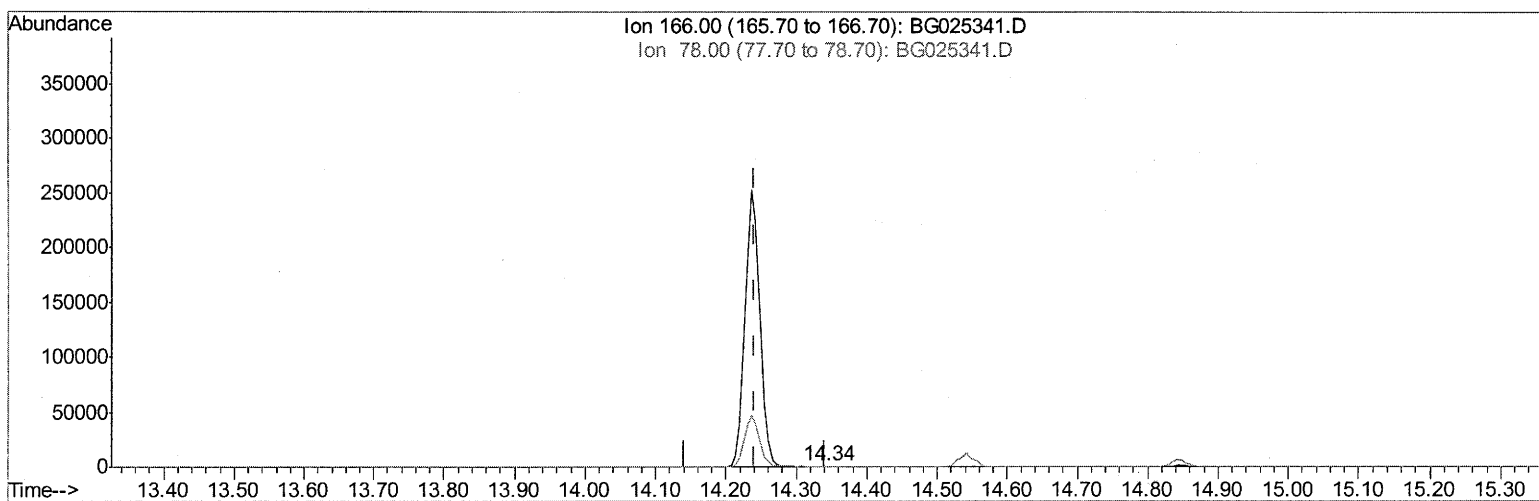
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025341.D
Acq On : 20 Dec 2016 6:12
Operator : UM/SJ
Sample : H6069-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
DA7J3

Manual Integrations
APPROVED

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12/20/2016 6:29:59 PM

Quant Time: Dec 20 07:23:53 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 20 03:02:46 2016
Response via : Initial Calibration



TIC: BG025341.D

(43) Dimethylphthalate-d6 (S)

14.343min (+0.101) 0.04ng/ul

response 502

Ion	Exp%	Act%
166.00	100	100
78.00	20.50	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

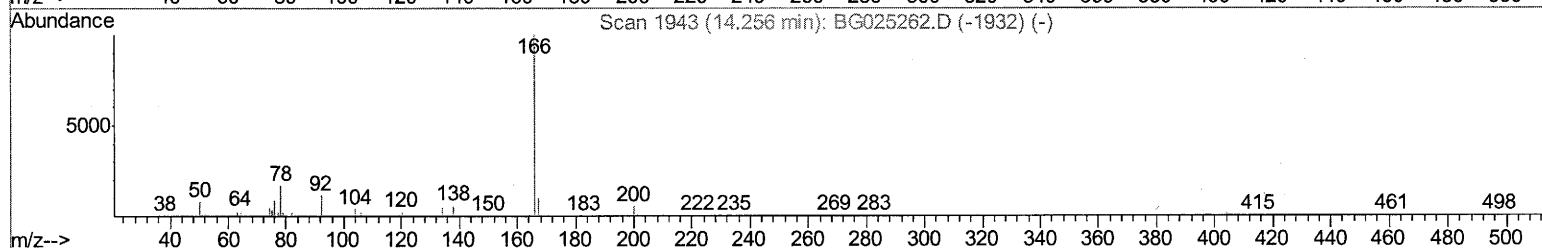
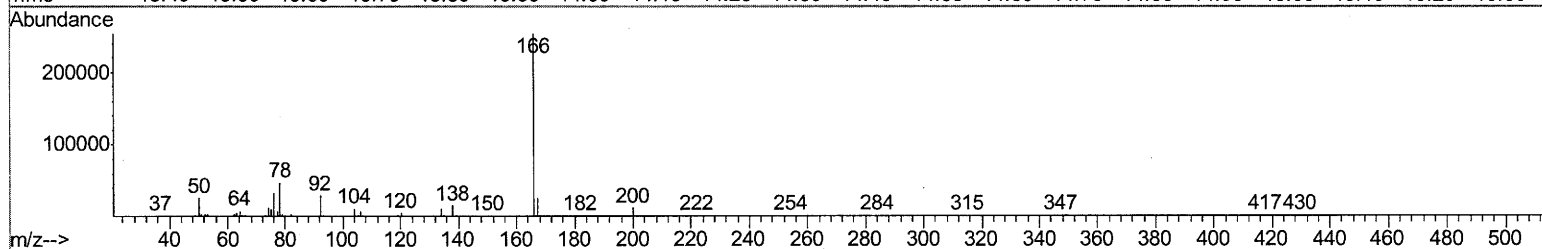
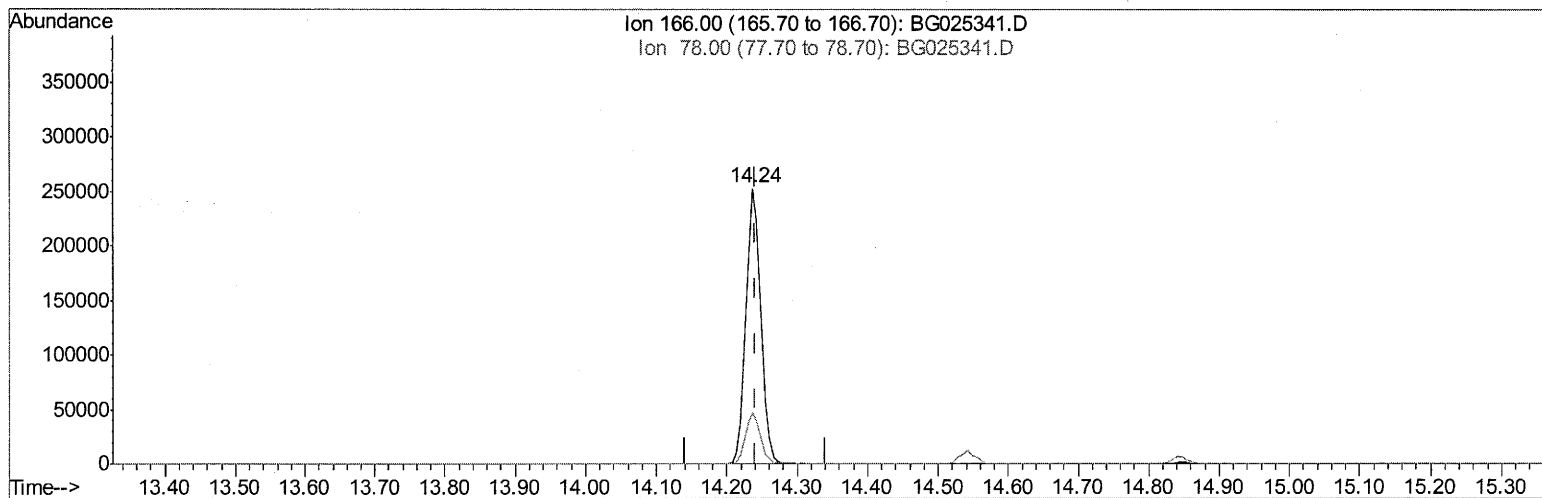
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025341.D
Acq On : 20 Dec 2016 6:12
Operator : UM/SJ
Sample : H6069-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA7J3

Manual Integrations
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sohil
12/20/2016 6:29:59 PM

Quant Time: Dec 20 07:23:53 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 20 03:02:46 2016
Response via : Initial Calibration



(43) Dimethylphthalate-d6 (S)

14.237min (-0.005) 30.32ng/ul m

response 367528

Ion	Exp%	Act%
166.00	100	100
78.00	20.50	18.86
0.00	0.00	0.00
0.00	0.00	0.00

UM
12/20/16

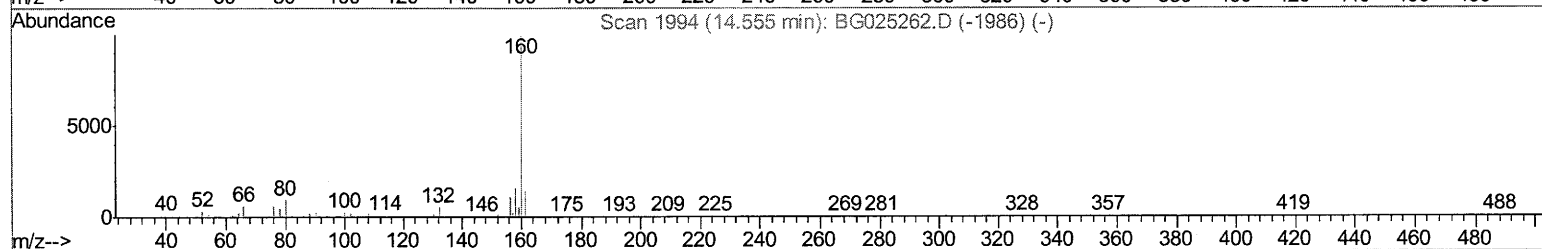
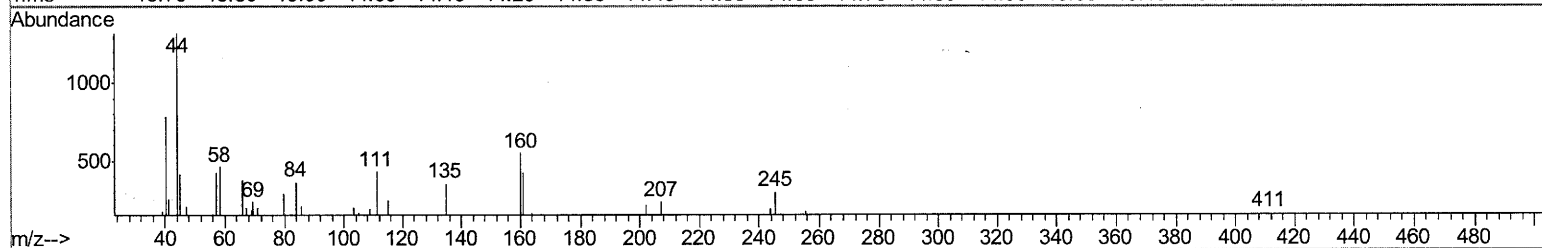
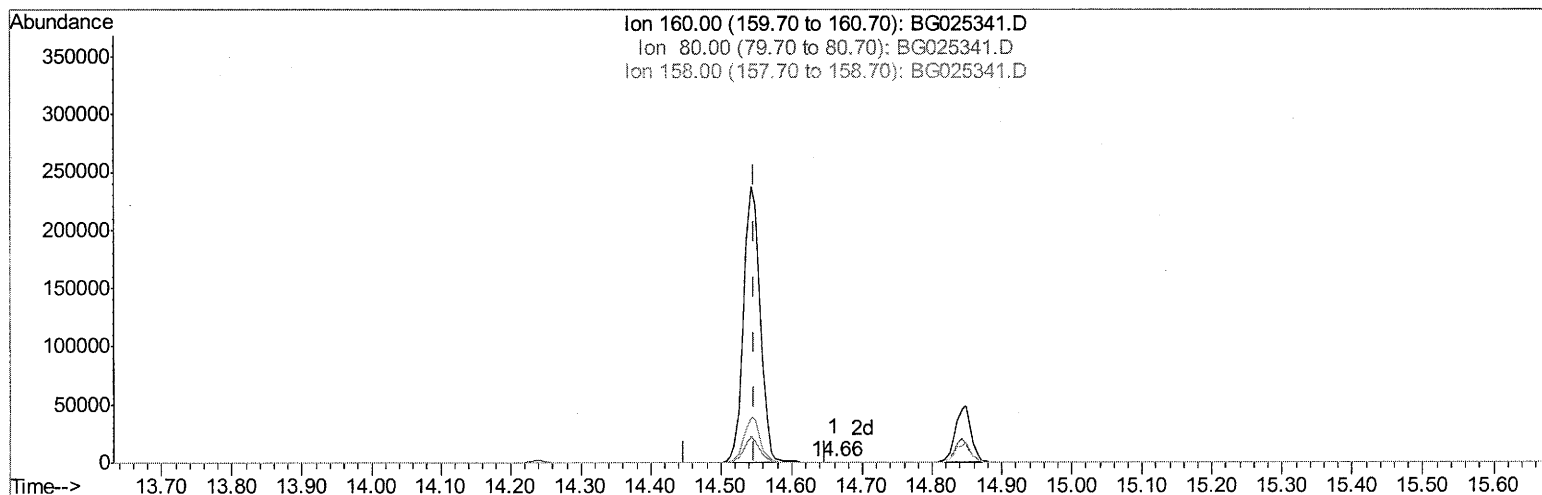
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025341.D
Acq On : 20 Dec 2016 6:12
Operator : UM/SJ
Sample : H6069-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA7J3

Manual Integrations
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Quant Time: Dec 20 07:23:53 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 20 03:02:46 2016
Response via : Initial Calibration



TIC: BG025341.D

(46) Acenaphthylene-d8 (S)

14.660min (+0.113) 0.07ng/ui

response 869

Ion	Exp%	Act%
160.00	100	100
80.00	11.50	29.38#
158.00	16.80	0.00#
0.00	0.00	0.00

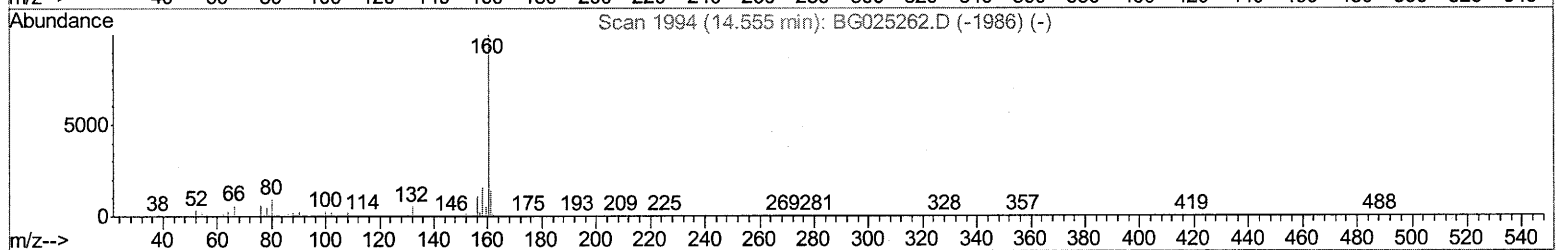
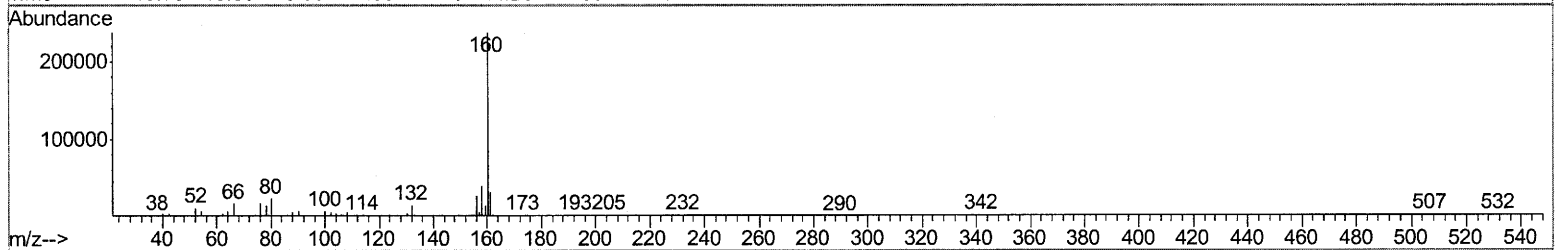
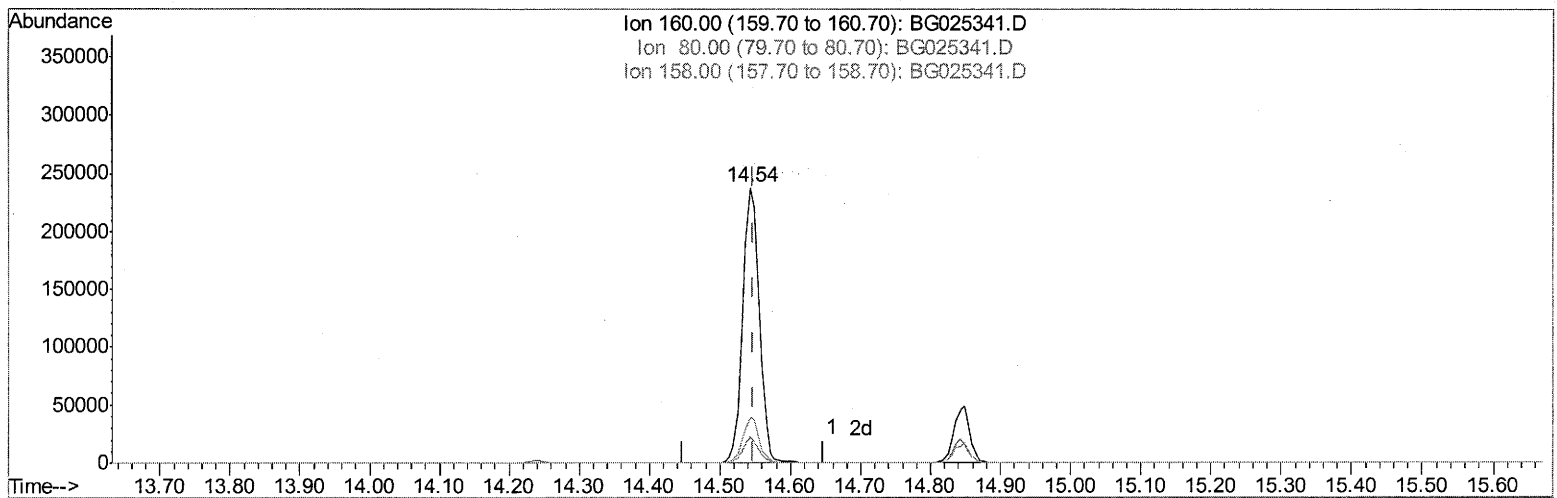
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025341.D
Acq On : 20 Dec 2016 6:12
Operator : UM/SJ
Sample : H6069-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA7J3

Manual Integrations
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12/20/2016 6:29:59 PM

Quant Time: Dec 20 07:23:53 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 20 03:02:46 2016
Response via : Initial Calibration



TIC: BG025341.D

(46) Acenaphthylene-d8 (S)

14.542min (-0.005) 29.55ng/ul m

response 392332

Ion	Exp%	Act%
160.00	100	100
80.00	11.50	9.39
158.00	16.80	16.40
0.00	0.00	0.00

um
12/20/16

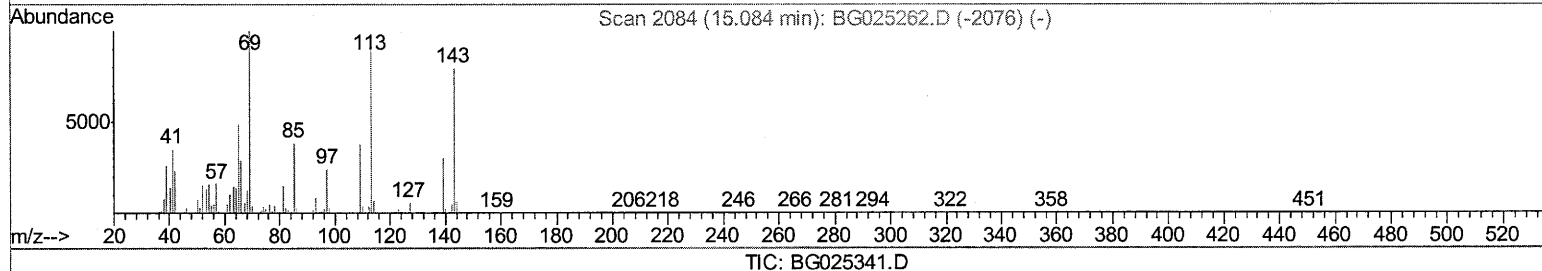
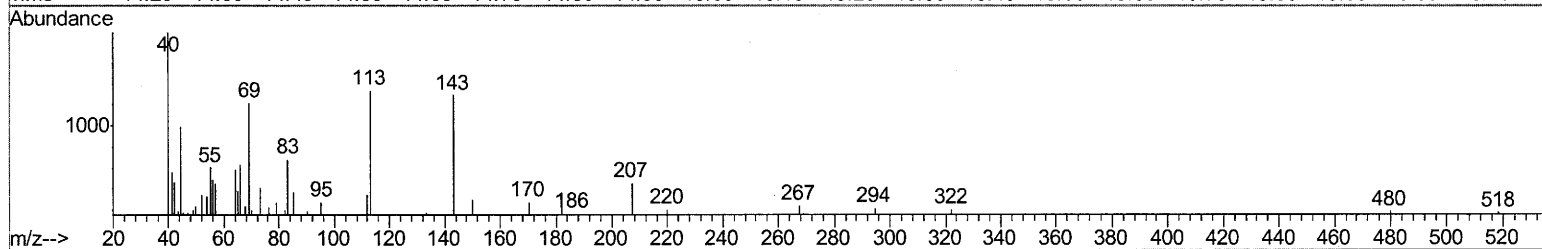
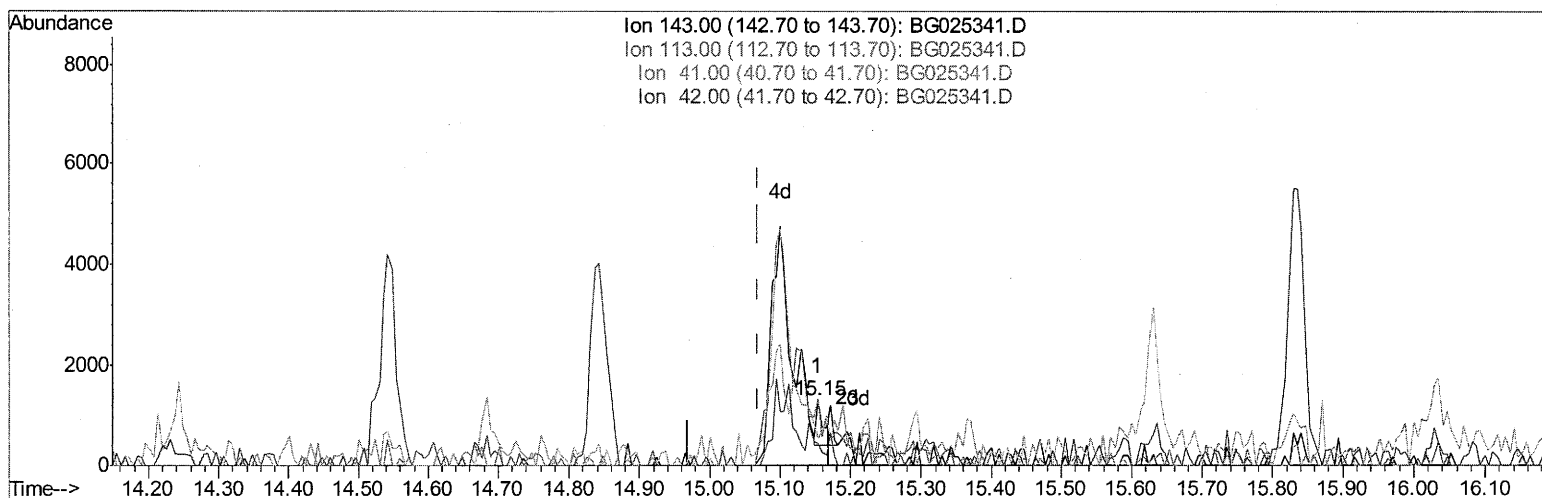
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025341.D
Acq On : 20 Dec 2016 6:12
Operator : UM/SJ
Sample : H6069-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
DA7J3

Manual Integrations
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Quant Time: Dec 20 07:23:53 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 20 03:02:46 2016
Response via : Initial Calibration



(51) 4-Nitrophenol-d4 (S)

15.153min (+0.083) 0.44ng/ul

response 908

Ion	Exp%	Act%
143.00	100	100
113.00	117.30	102.92
41.00	58.00	42.58#
42.00	42.20	35.28

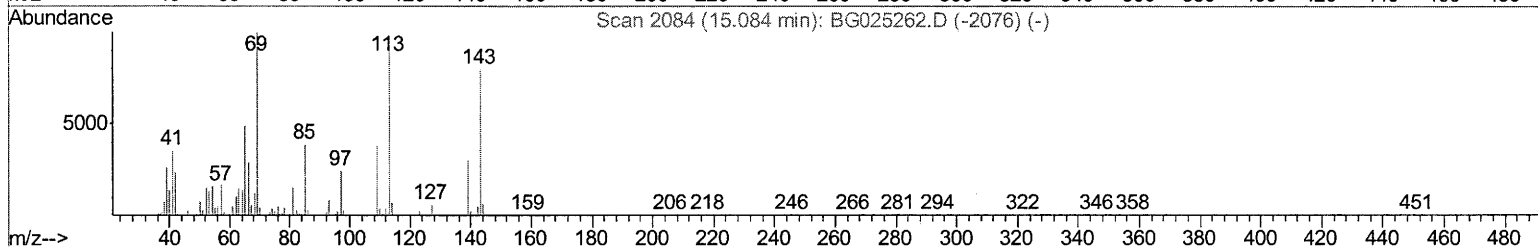
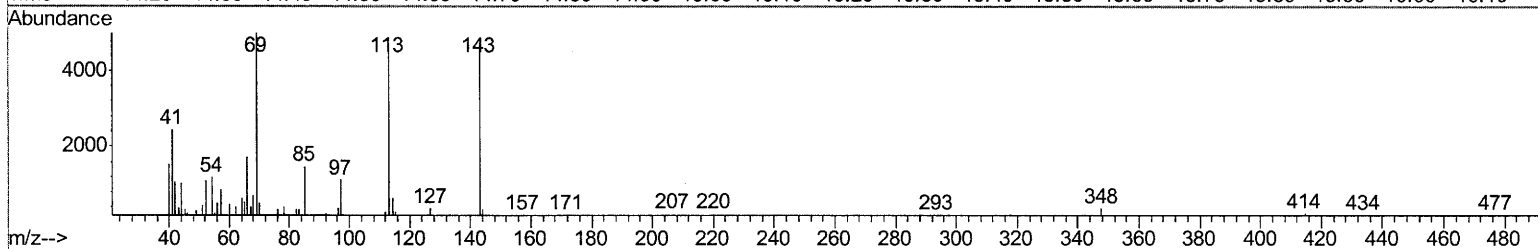
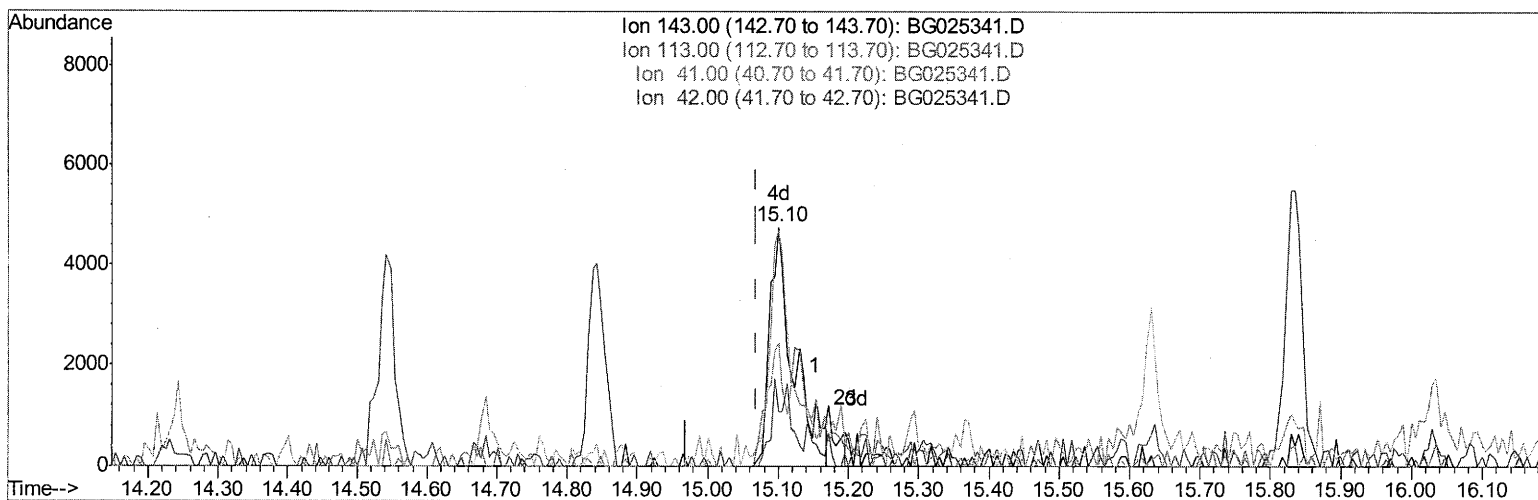
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Data File : BG025341.D
Acq On : 20 Dec 2016 6:12
Operator : UM/SJ
Sample : H6069-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
DA7J3

Manual Integrations
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Quant Time: Dec 20 07:23:53 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 20 03:02:46 2016
Response via : Initial Calibration



TIC: BG025341.D

(51) 4-Nitrophenol-d4 (S)

15.101min (+0.031) 6.00ng/ul m

response 12492

Ion	Exp%	Act%
143.00	100	100
113.00	117.30	98.76
41.00	58.00	50.97
42.00	42.20	22.43#

um
12/20/16

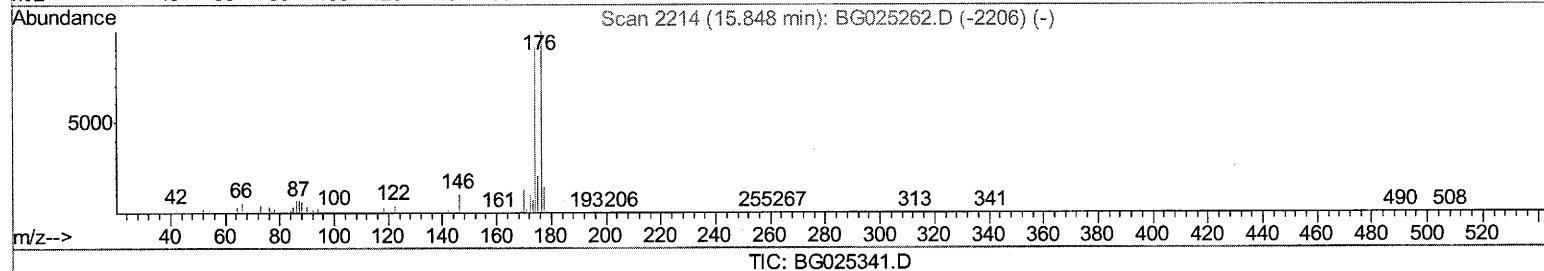
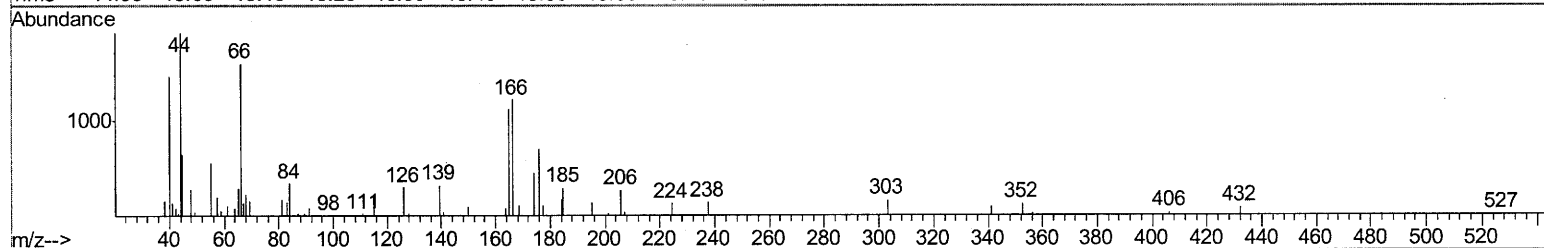
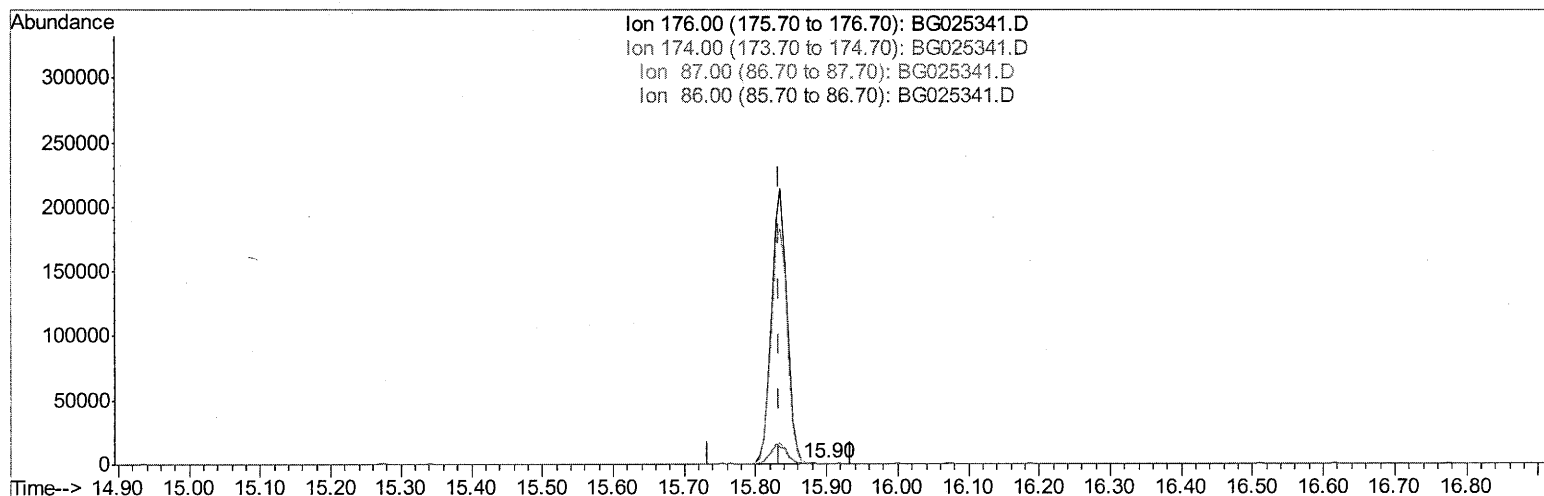
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025341.D
Acq On : 20 Dec 2016 6:12
Operator : UM/SJ
Sample : H6069-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
DA7J3

Manual Integrations
APPROVED

sohil
12/20/2016 6:29:59 PM

Quant Time: Dec 20 07:23:53 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 20 03:02:46 2016
Response via : Initial Calibration



(57) Fluorene-d10 (S)

15.900min (+0.066) 0.02ng/ul

response 264

Ion	Exp%	Act%
176.00	100	100
174.00	92.80	70.86#
87.00	9.40	23.53#
86.00	8.20	0.00#

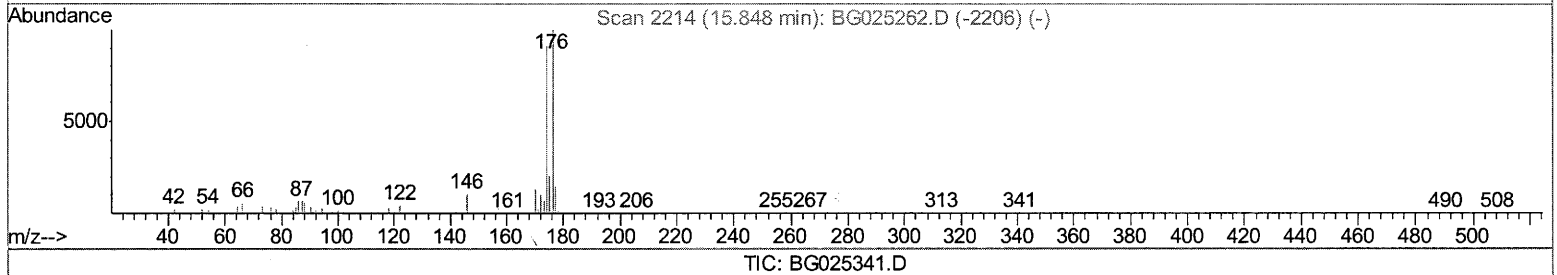
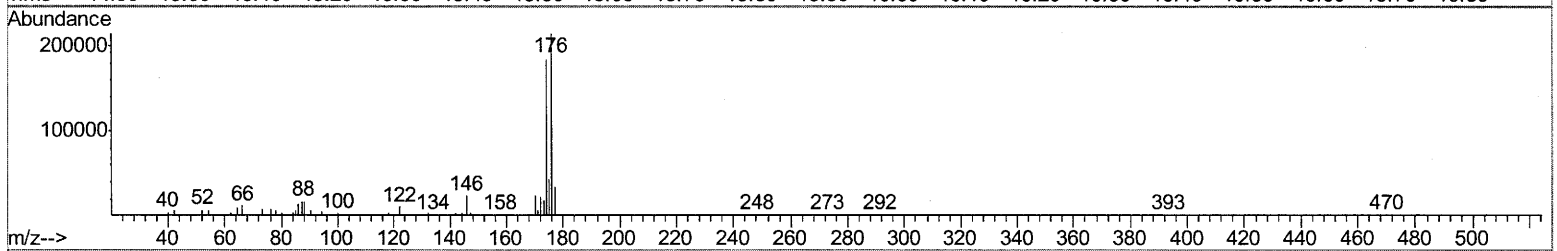
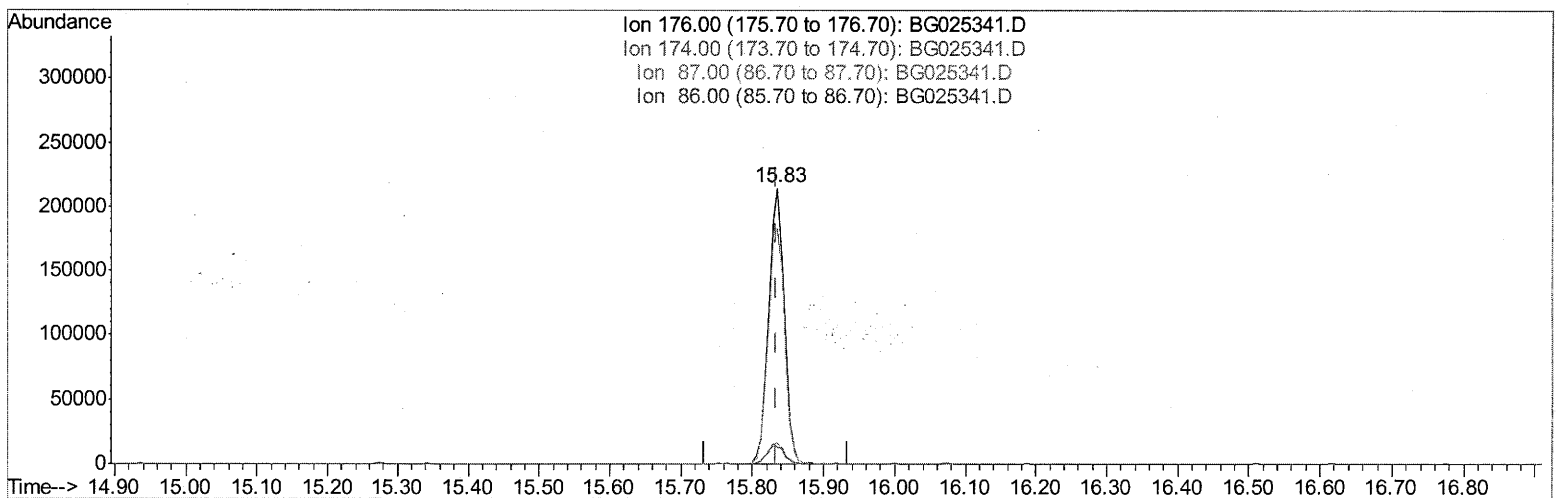
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025341.D
Acq On : 20 Dec 2016 6:12
Operator : UM/SJ
Sample : H6069-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA7J3

Manual Integrations
APPROVED

sohil
12/20/2016 6:29:59 PM

Quant Time: Dec 20 07:23:53 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 20 03:02:46 2016
Response via : Initial Calibration



(57) Fluorene-d10 (S)

15.835min (+0.001) 28.34ng/ul m

um

response 323324

12/20/16

Ion	Exp%	Act%
176.00	100	100
174.00	92.80	85.44
87.00	9.40	7.75
86.00	8.20	6.11#

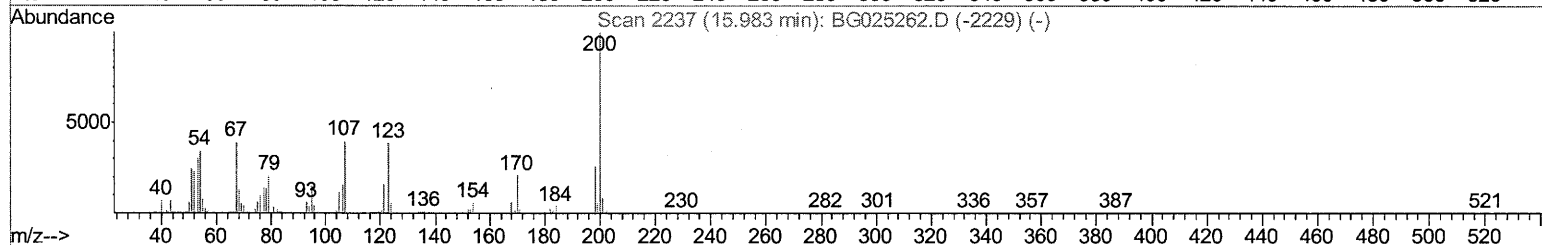
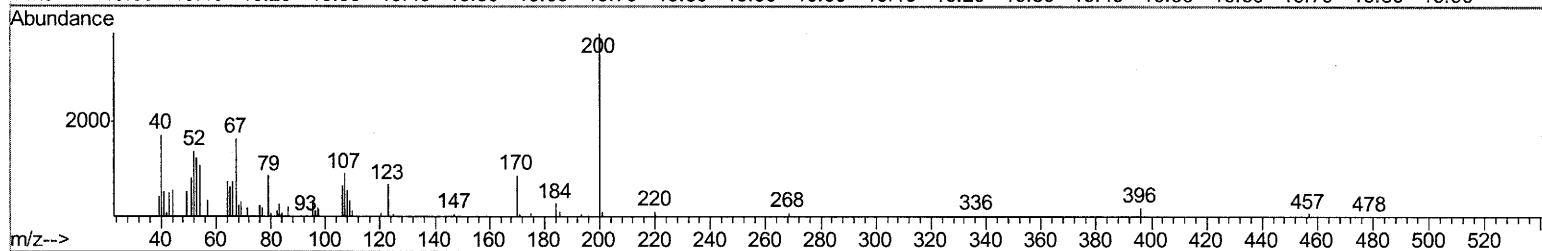
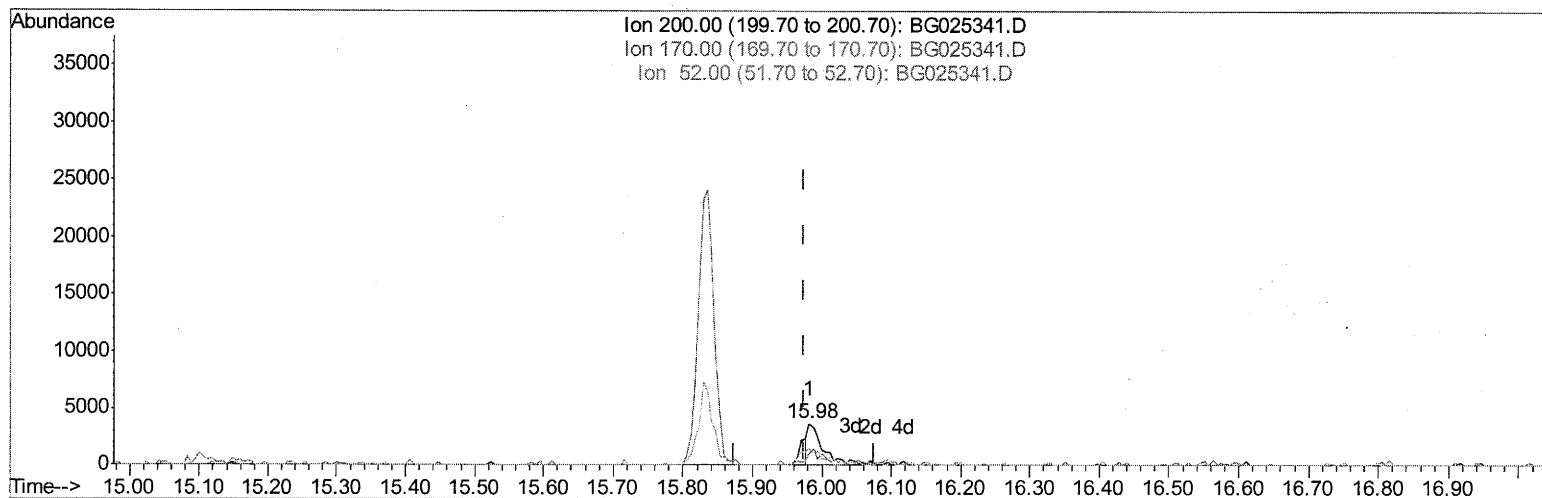
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025341.D
Acq On : 20 Dec 2016 6:12
Operator : UM/SJ
Sample : H6069-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA7J3

Manual Integrations
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sohil
12/20/2016 6:29:59 PM

Quant Time: Dec 20 07:23:53 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 20 03:02:46 2016
Response via : Initial Calibration



TIC: BG025341.D

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

15.982min (+0.007) 1.88ng/ul

response 5043

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	25.94
52.00	47.20	38.47
0.00	0.00	0.00

Quantitation Report (Qedit)

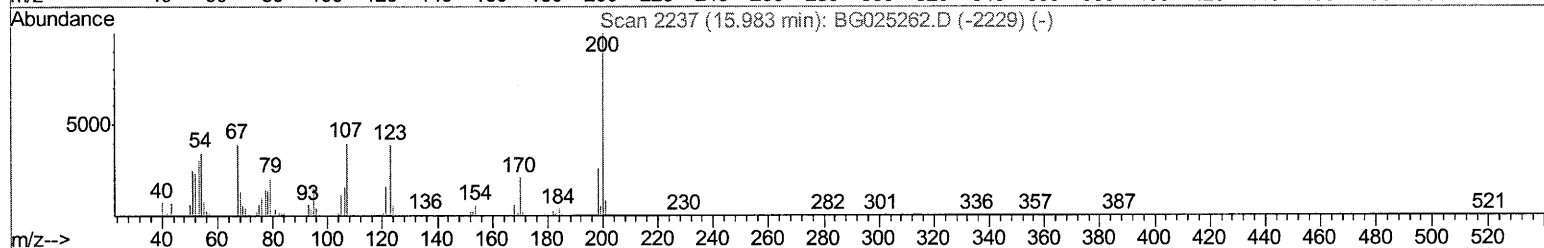
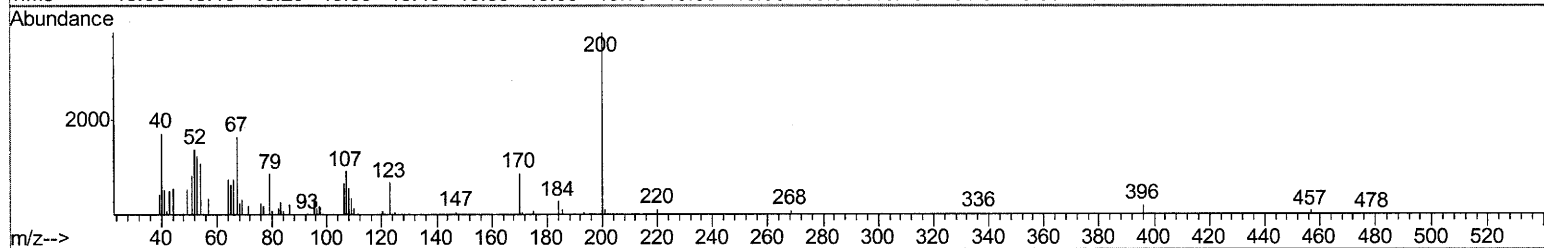
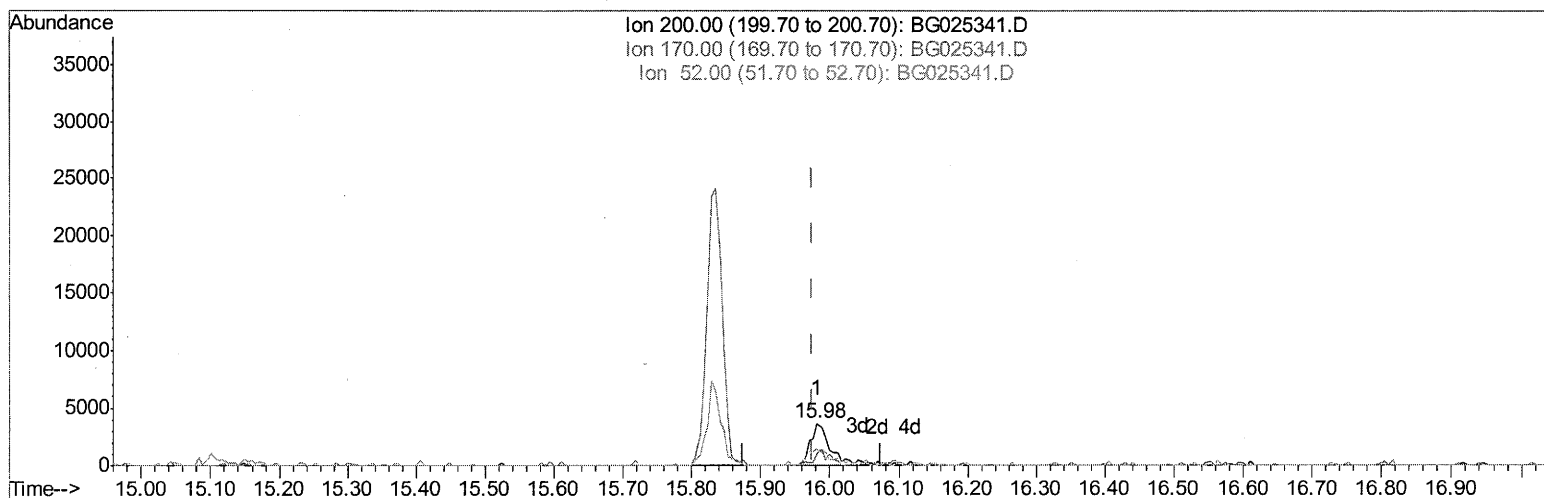
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
 Data File : BG025341.D
 Acq On : 20 Dec 2016 6:12
 Operator : UM/SJ
 Sample : H6069-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA7J3

Manual Integrations
 APPROVED

sohil
 12/20/2016 6:29:59 PM

Quant Time: Dec 20 07:23:53 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 20 03:02:46 2016
 Response via : Initial Calibration



TIC: BG025341.D

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

15.982min (+0.007) 2.56ng/ul m

response 6861

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	25.94
52.00	47.20	38.47
0.00	0.00	0.00

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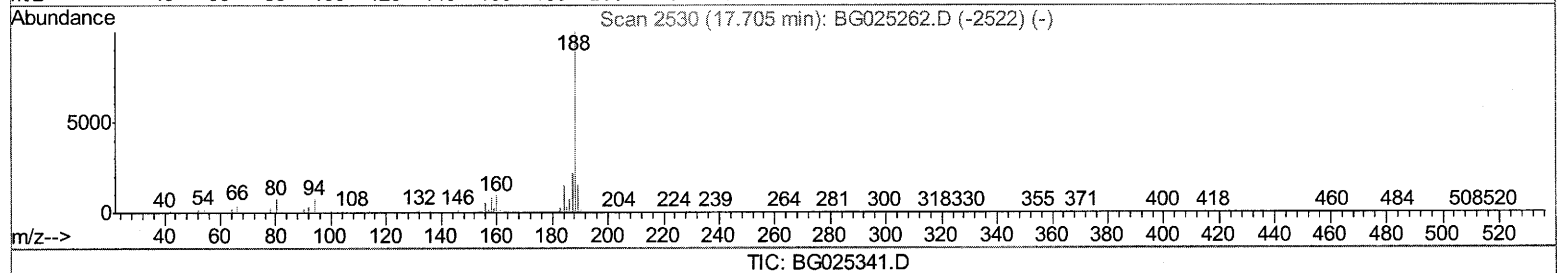
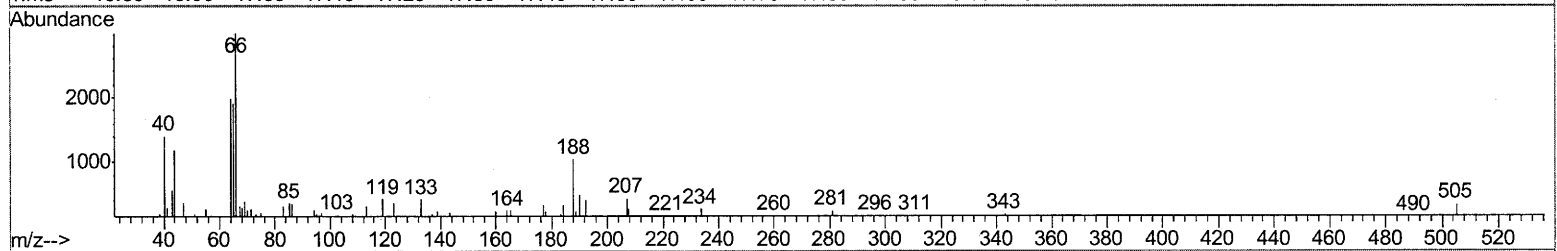
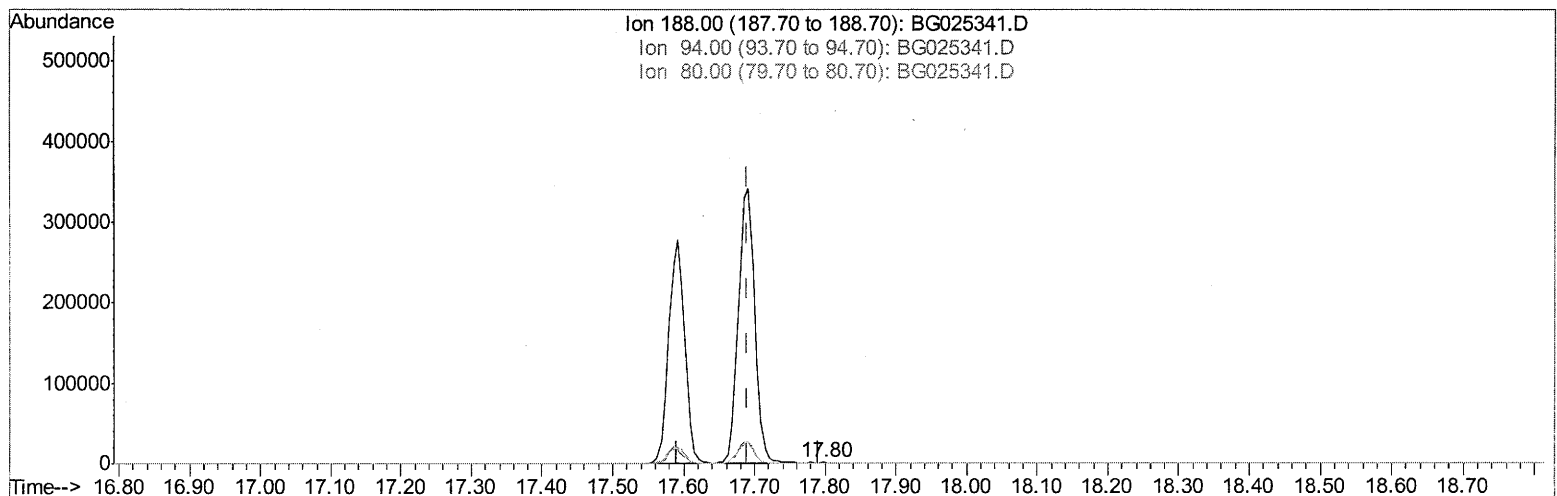
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025341.D
Acq On : 20 Dec 2016 6:12
Operator : UM/SJ
Sample : H6069-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA7J3

Manual Integrations
APPROVED

sohil
12/20/2016 6:29:59 PM

Quant Time: Dec 20 07:23:53 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 20 03:02:46 2016
Response via : Initial Calibration



(70) Anthracene-d10 (S)

17.797min (+0.107) 0.02ng/ul

response 452

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	23.14#
80.00	9.50	0.00#
0.00	0.00	0.00

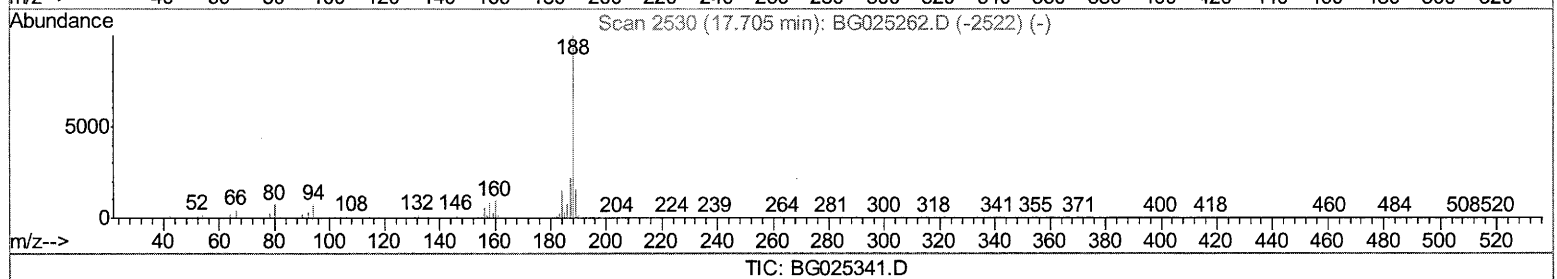
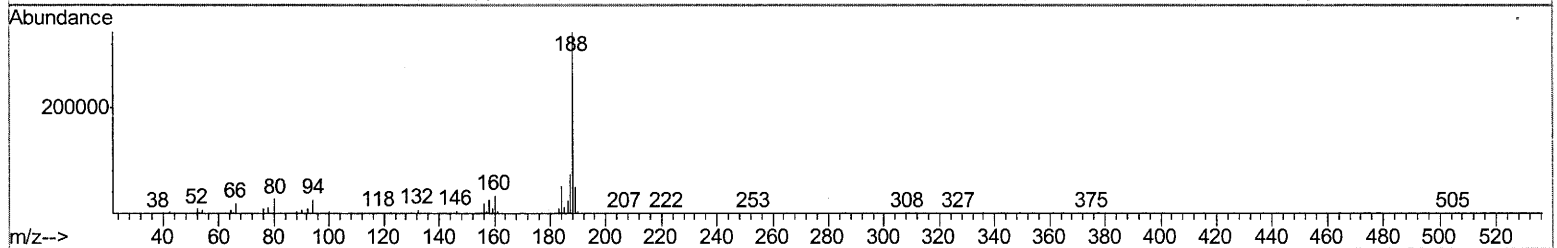
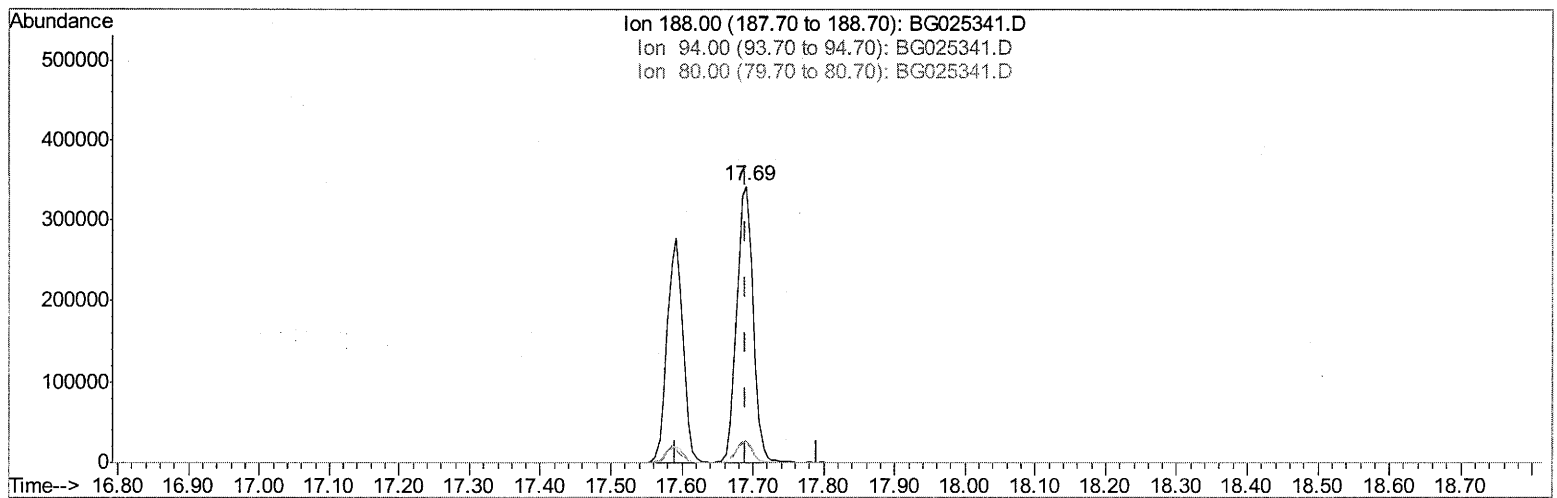
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025341.D
Acq On : 20 Dec 2016 6:12
Operator : UM/SJ
Sample : H6069-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA7J3

Manual Integrations
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Quant Time: Dec 20 07:23:53 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 20 03:02:46 2016
Response via : Initial Calibration



(70) Anthracene-d10 (S)

17.692min (+0.001) 30.08ng/ul m

response 550333

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	7.65
80.00	9.50	8.26
0.00	0.00	0.00

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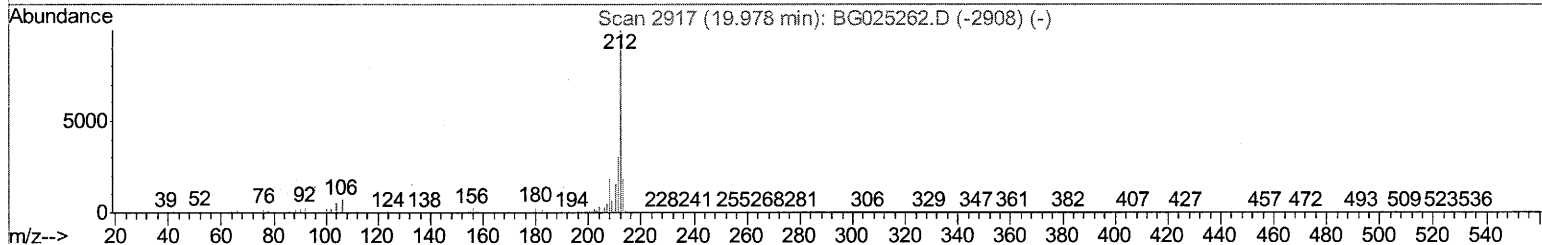
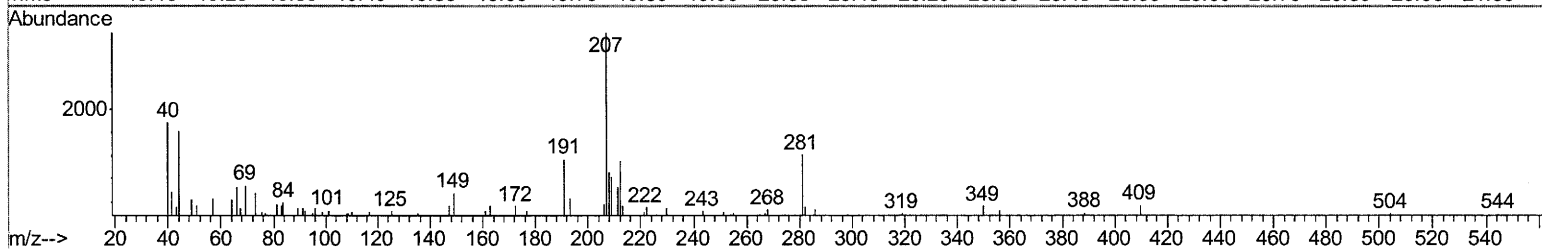
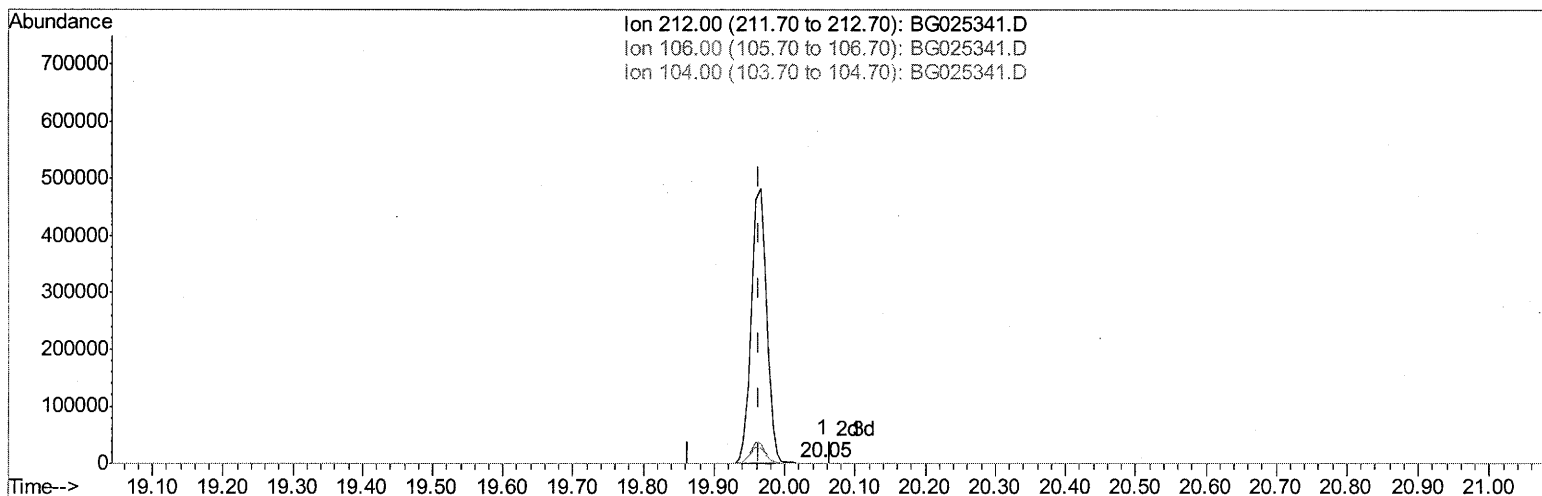
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025341.D
Acq On : 20 Dec 2016 6:12
Operator : UM/SJ
Sample : H6069-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA7J3

Manual Integrations
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Quant Time: Dec 20 07:23:53 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 20 03:02:46 2016
Response via : Initial Calibration



TIC: BG025341.D

(76) Pyrene-d10 (S)

20.054min (+0.089) 0.04ng/ul

response 901

Ion	Exp%	Act%
212.00	100	100
106.00	8.60	0.00#
104.00	6.10	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

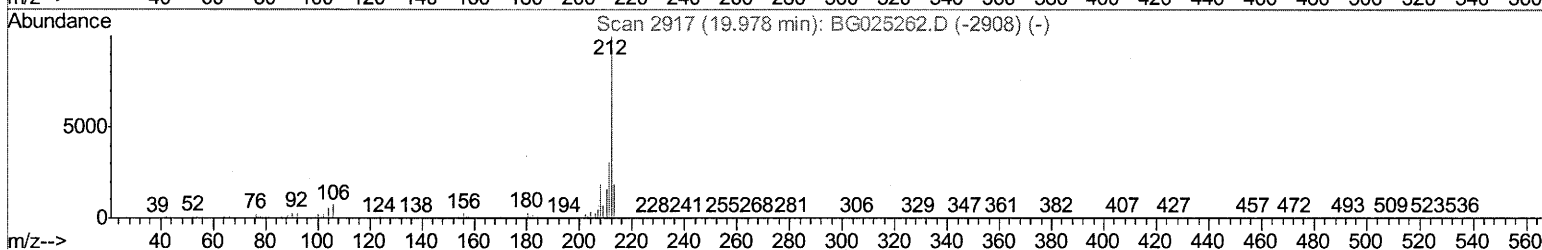
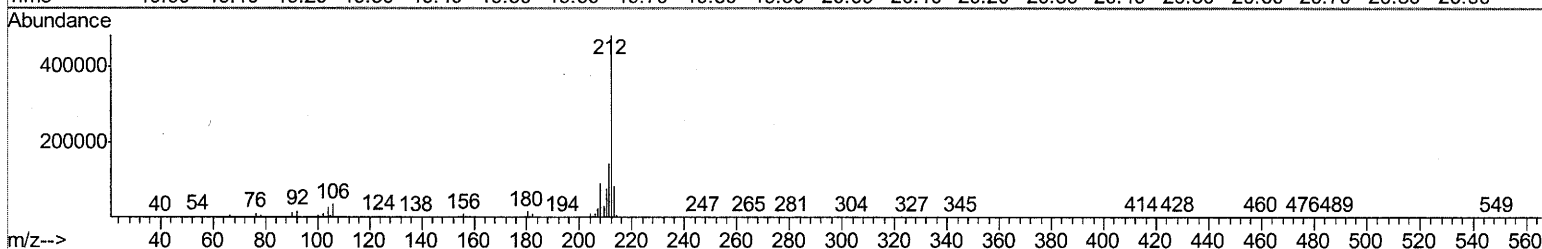
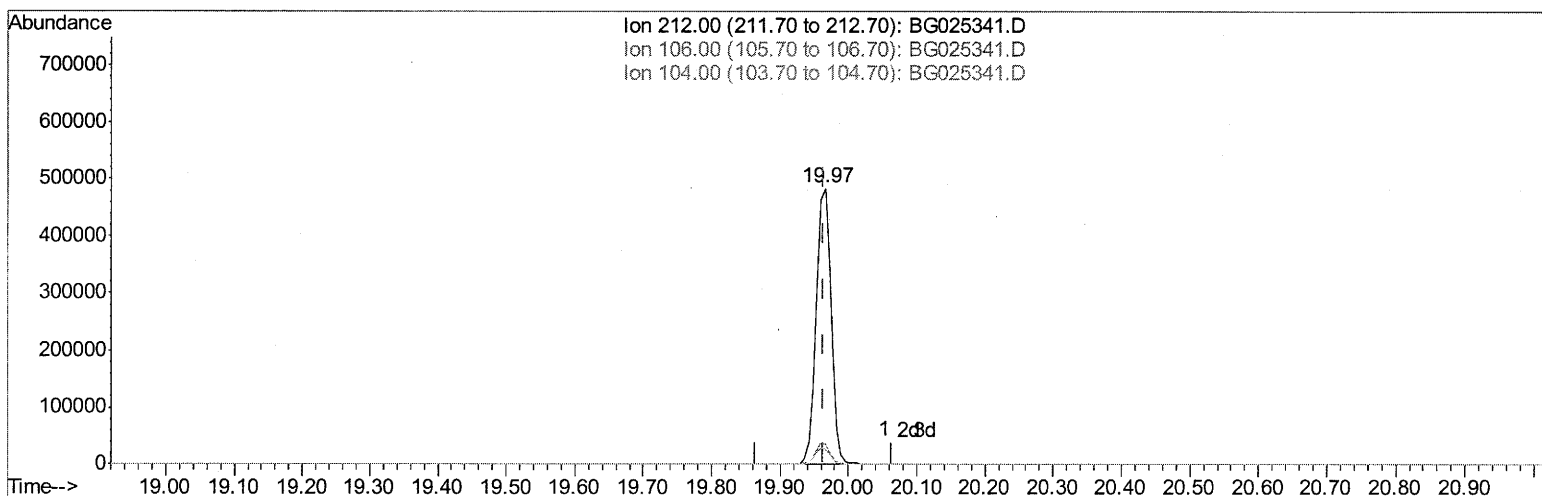
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
 Data File : BG025341.D
 Acq On : 20 Dec 2016 6:12
 Operator : UM/SJ
 Sample : H6069-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA7J3

Manual Integrations
 APPROVED

sohil
 12/20/2016 6:29:59 PM

Quant Time: Dec 20 07:26:16 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 20 03:02:46 2016
 Response via : Initial Calibration



TIC: BG025341.D

(76) Pyrene-d10 (S)

19.965min (+0.001) 30.80ng/ul m

response 727540

um
 12/20/16

Ion	Exp%	Act%
212.00	100	100
106.00	8.60	7.39
104.00	6.10	5.68
0.00	0.00	0.00

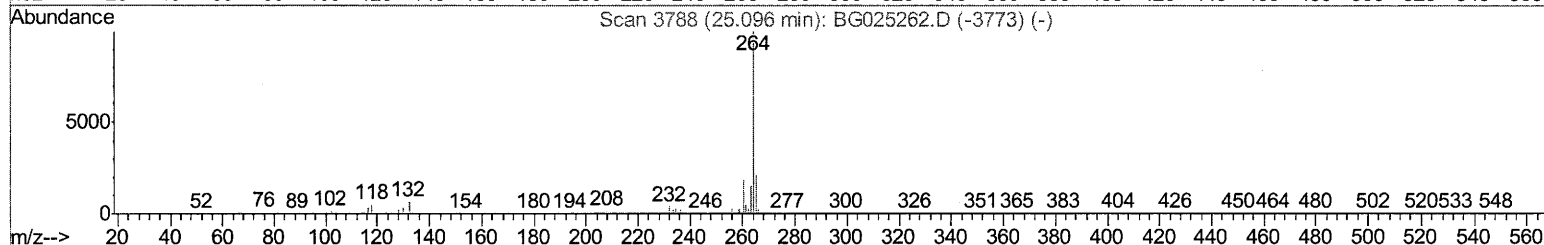
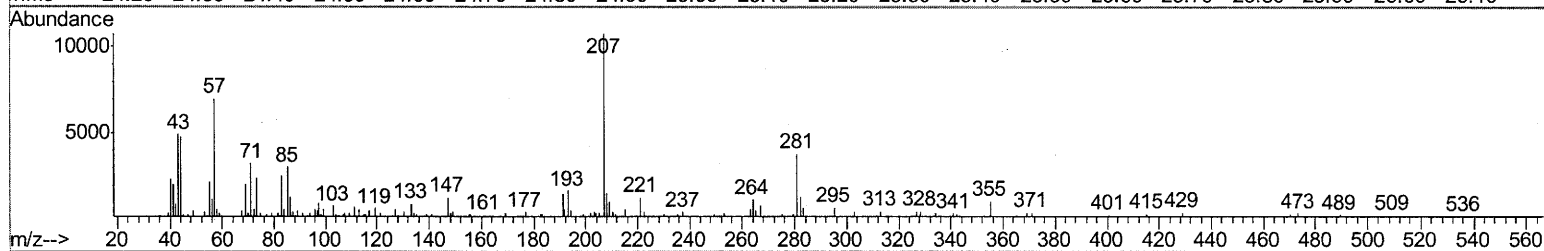
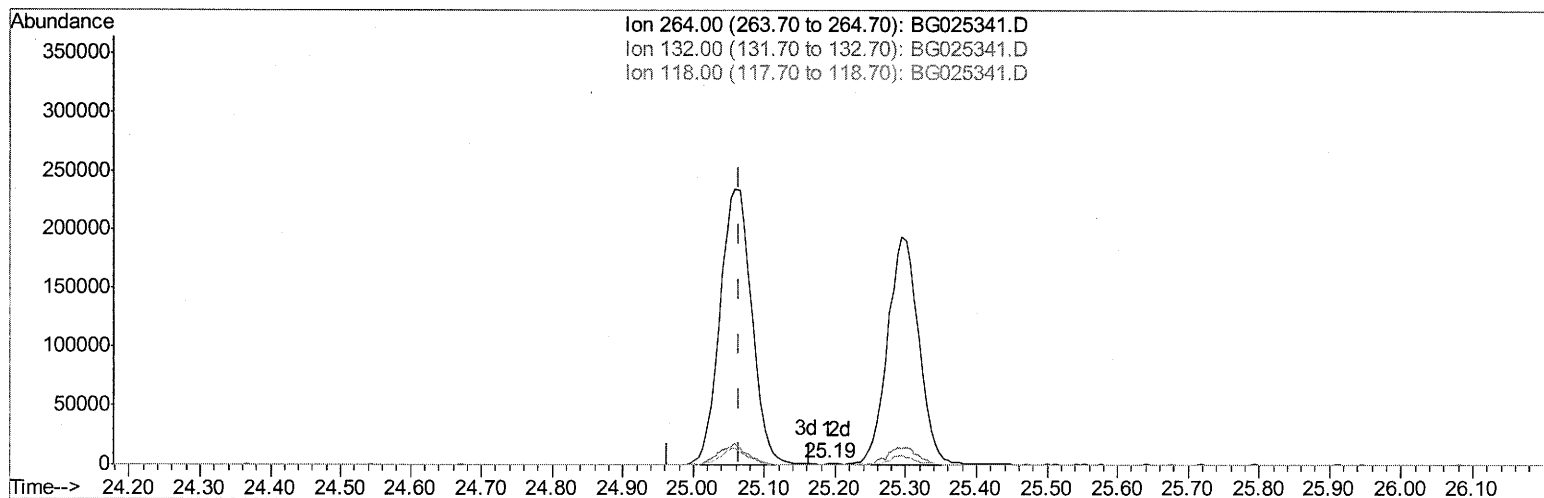
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025341.D
Acq On : 20 Dec 2016 6:12
Operator : UM/SJ
Sample : H6069-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA7J3

Manual Integrations
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Quant Time: Dec 20 07:26:16 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 20 03:02:46 2016
Response via : Initial Calibration



TIC: BG025341.D

(87) Benzo(a)pyrene-d12 (S)

25.189min (+0.125) 0.02ng/ul

response 500

Ion	Exp%	Act%
264.00	100	100
132.00	8.50	0.00#
118.00	6.00	0.00#
0.00	0.00	0.00

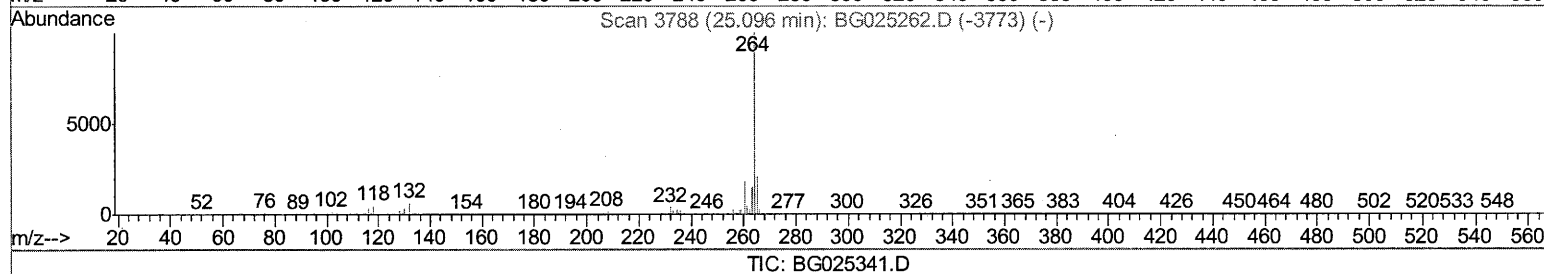
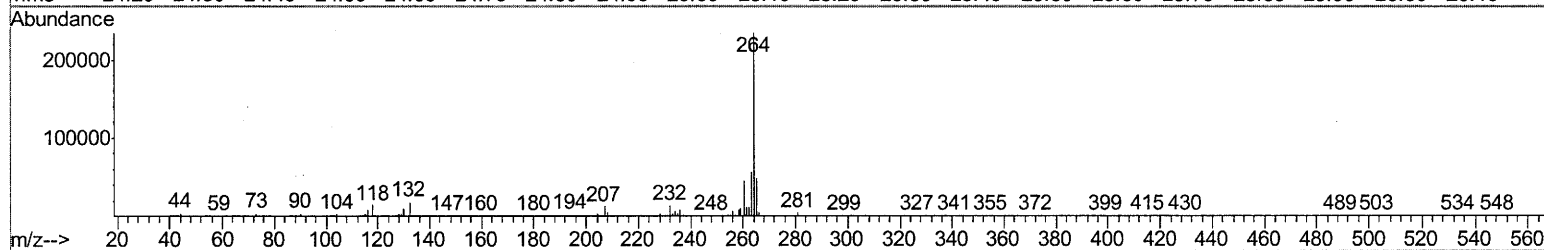
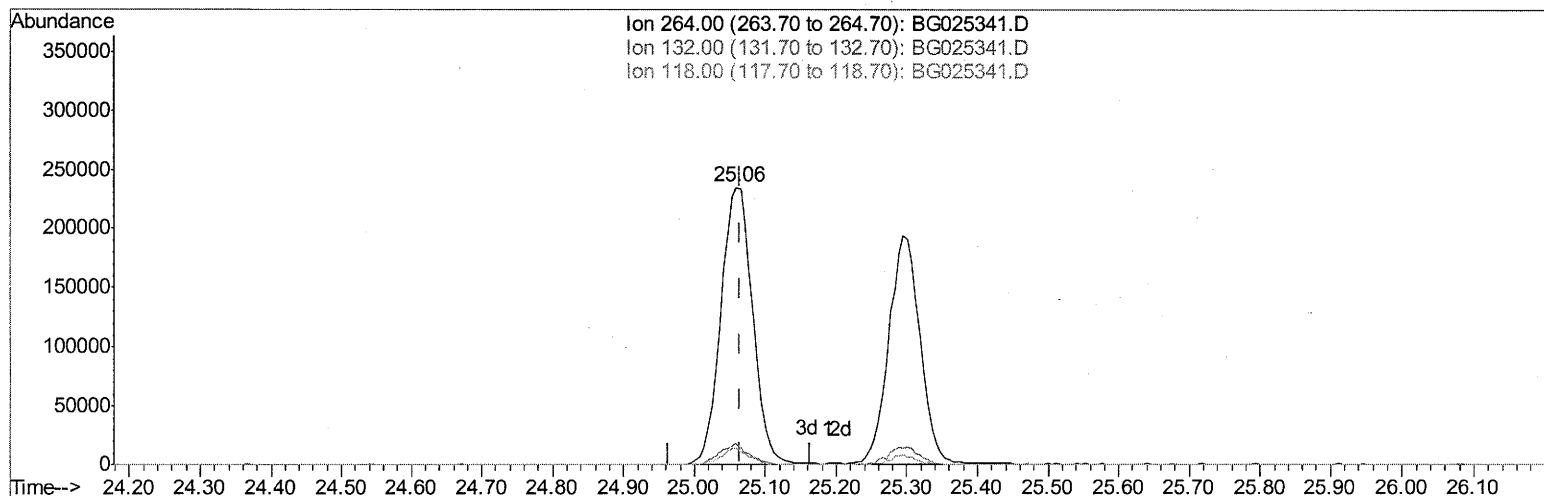
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025341.D
Acq On : 20 Dec 2016 6:12
Operator : UM/SJ
Sample : H6069-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA7J3

Manual Integrations
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Quant Time: Dec 20 07:26:16 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 20 03:02:46 2016
Response via : Initial Calibration



TIC: BG025341.D

(87) Benzo(a)pyrene-d12 (S)

25.059min (-0.005) 30.28ng/ul m

response 730770

um
12/20/16

Ion	Exp%	Act%
264.00	100	100
132.00	8.50	7.74
118.00	6.00	5.99
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
 Data File : BG025341.D
 Acq On : 20 Dec 2016 6:12
 Operator : UM/SJ
 Sample : H6069-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 DA7J3

Manual Integrations
 APPROVED

sohil
 12/20/2016 6:29:59 PM

Quant Time: Dec 20 07:27:28 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 20 03:02:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	48848m	20.00	ng/ul	-0.01
18) Naphthalene-d8	11.05	136	206187m	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.84	164	176239m	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.59	188	433501m	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	573474m	20.00	ng/ul	0.00
83) Perylene-d12	25.29	264	595585m	20.00	ng/ul	0.00

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System Monitoring Compounds

3) 1,4-Dioxane-d8	3.57	96	5126	5.42	ng/uL	0.00
5) Phenol-d5	7.39	99	101700	24.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.53	67	67451	25.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.75	132	67644m	22.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.93	113	85488	24.27	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	35672	24.43	ng/ul	0.00
22) 2-Nitrophenol-d4	10.13	143	42655m	23.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	84207	24.05	ng/ul	0.00
29) 4-Chloroaniline-d4	11.19	131	114866m	33.39	ng/ul	0.00
43) Dimethylphthalate-d6	14.24	166	367528m	30.32	ng/ul	0.00
46) Acenaphthylene-d8	14.54	160	392332m	29.55	ng/ul	0.00
51) 4-Nitrophenol-d4	15.10	143	12492m	6.00	ng/ul	0.03
57) Fluorene-d10	15.83	176	323324m	28.34	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	6861m	2.56	ng/ul	0.00
70) Anthracene-d10	17.69	188	550333m	30.08	ng/ul	0.00
76) Pyrene-d10	19.97	212	727540m	30.80	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.06	264	730770m	30.28	ng/ul	0.00

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 12/20/16

Target Compounds

Qvalue

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