

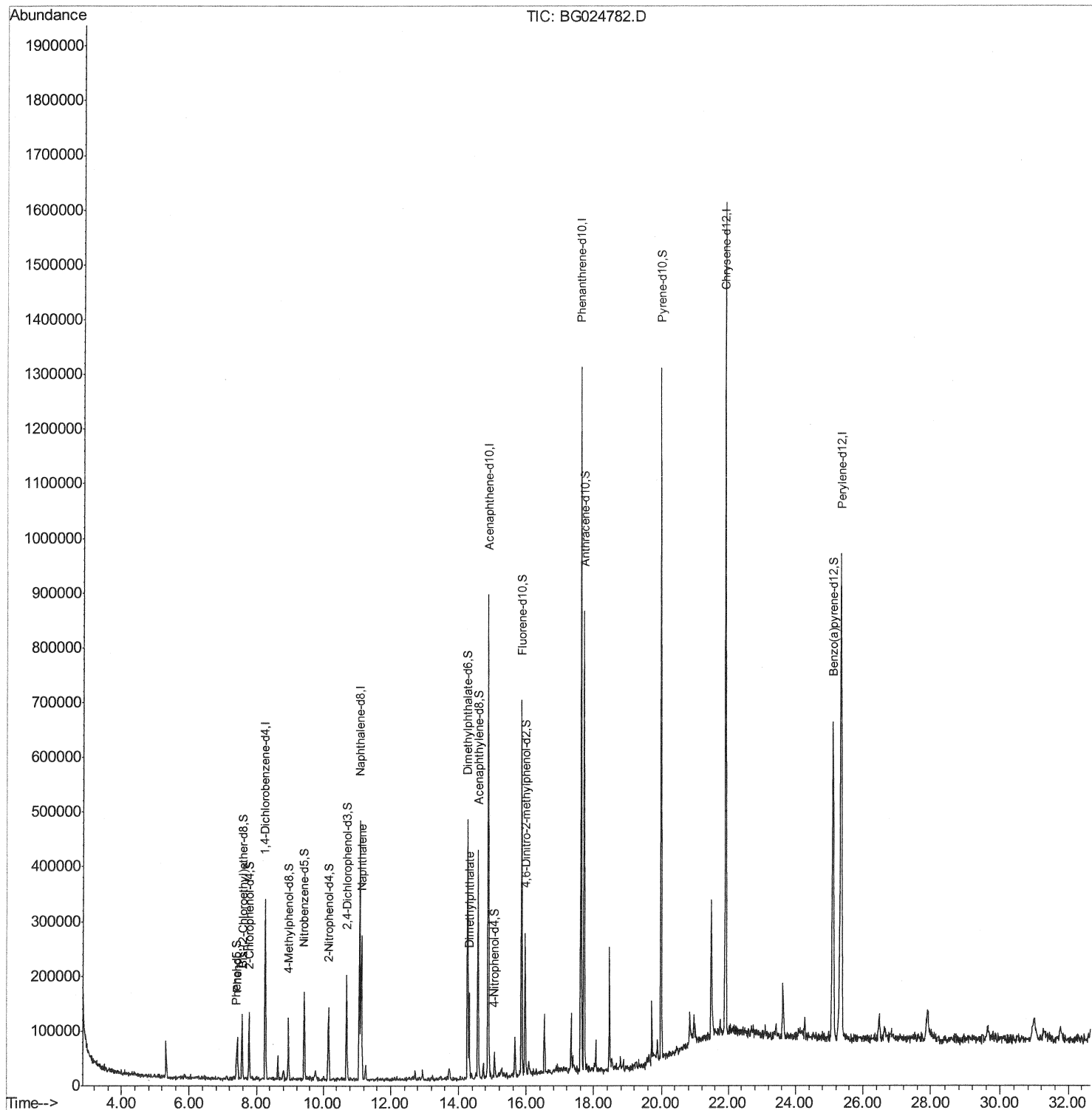
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111416\
Data File : BG024782.D
Acq On : 15 Nov 2016 3:13
Operator : UM/SJ
Sample : H5626-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleID :
F2J01

Manual Integrations
APPROVED

sohil
11/15/2016 2:58:09 PM

Quant Time: Nov 15 04:51:14 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 15 01:28:14 2016
Response via : Initial Calibration



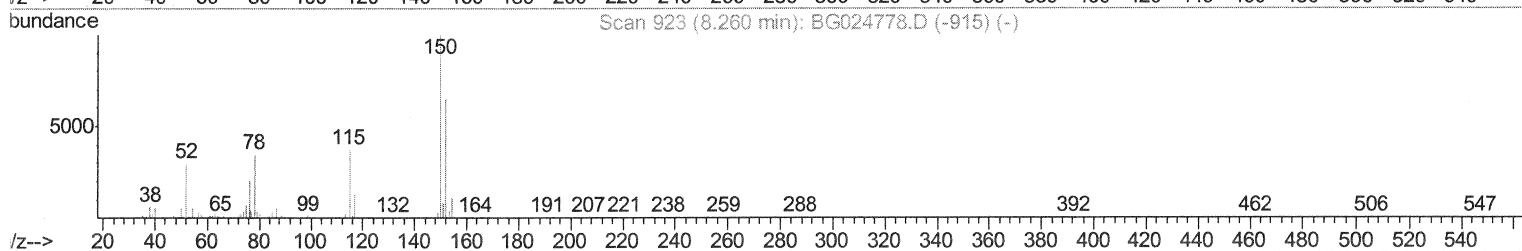
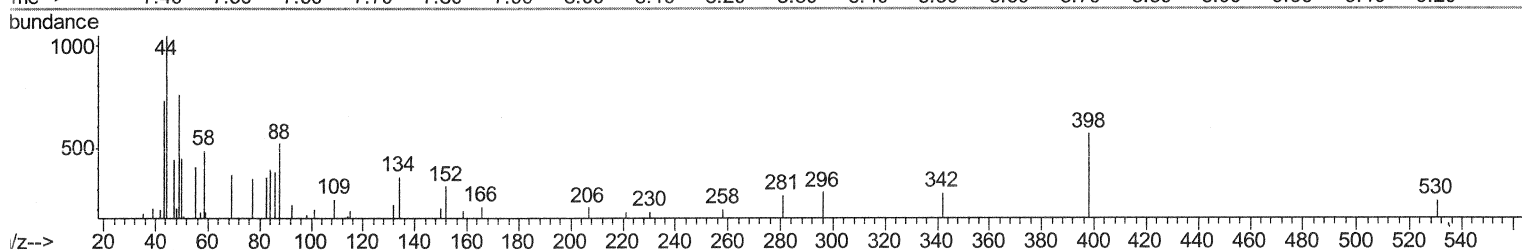
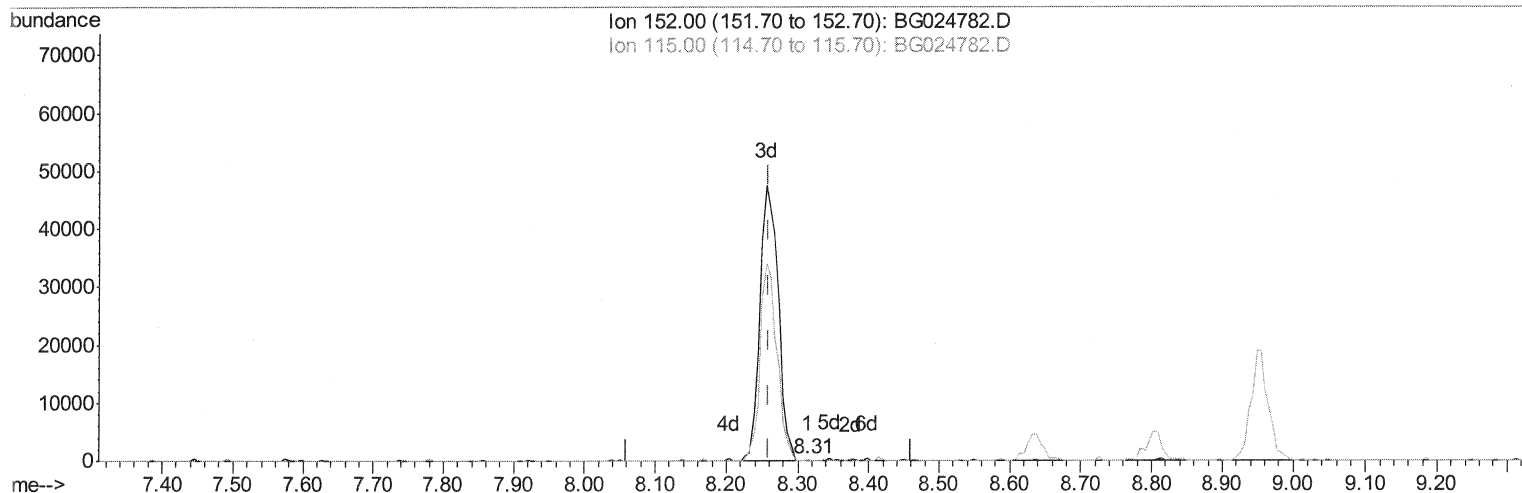
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111416\
Data File : BG024782.D
Acq On : 15 Nov 2016 3:13
Operator : UM/SJ
Sample : H5626-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F2J01

Manual Integrations
APPROVED

sohil
11/15/2016 2:58:09 PM

Quant Time: Nov 15 04:38:57 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 15 01:28:14 2016
Response via : Initial Calibration



TIC: BG024782.D

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

8.315min (+0.055) 20.00ng/ul

response 111

Ion	Exp%	Act%
152.00	100	100
115.00	57.40	60.83
0.00	0.00	0.00
0.00	0.00	0.00

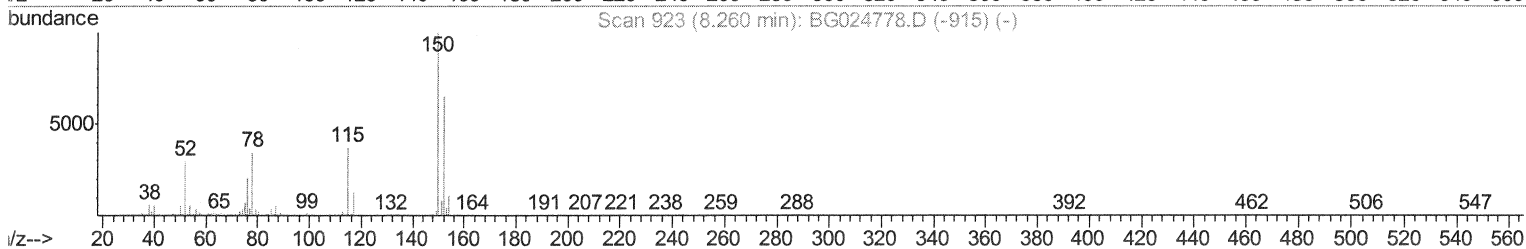
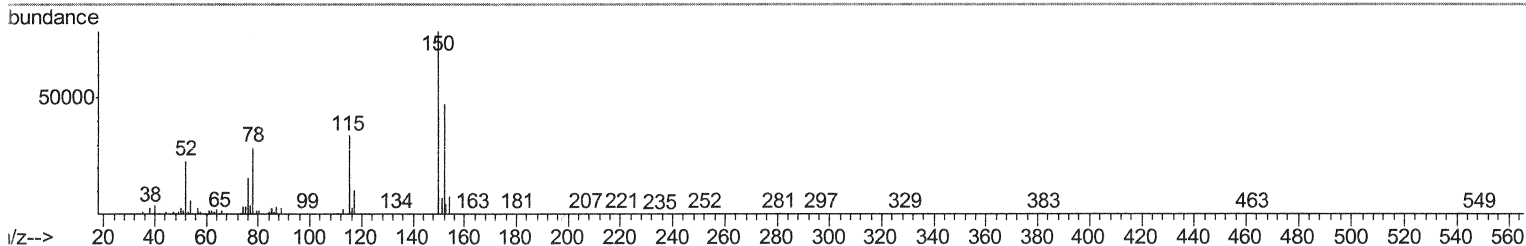
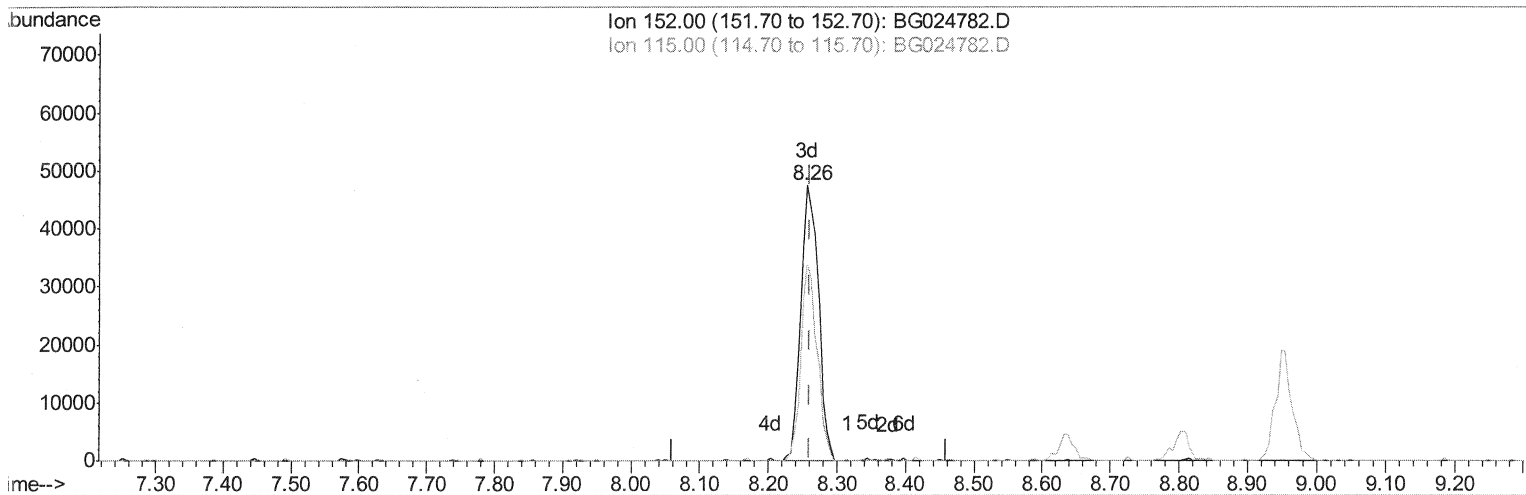
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111416\
Data File : BG024782.D
Acq On : 15 Nov 2016 3:13
Operator : UM/SJ
Sample : H5626-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F2J01

Manual Integrations
APPROVED

sohil
11/15/2016 2:58:09 PM

Quant Time: Nov 15 04:38:57 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 15 01:28:14 2016
Response via : Initial Calibration



TIC: BG024782.D

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

8.256min (-0.004) 20.00ng/ul m

response 84847

Ion	Exp%	Act%
152.00	100	100
115.00	57.40	71.37#
0.00	0.00	0.00
0.00	0.00	0.00

SJ 11/15/16

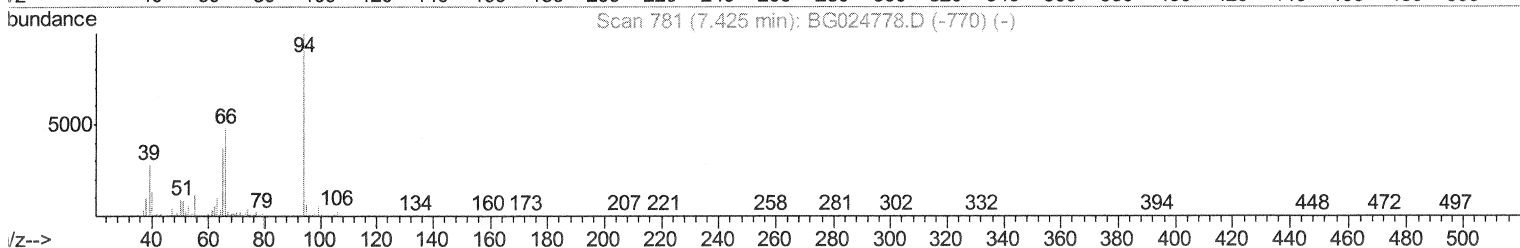
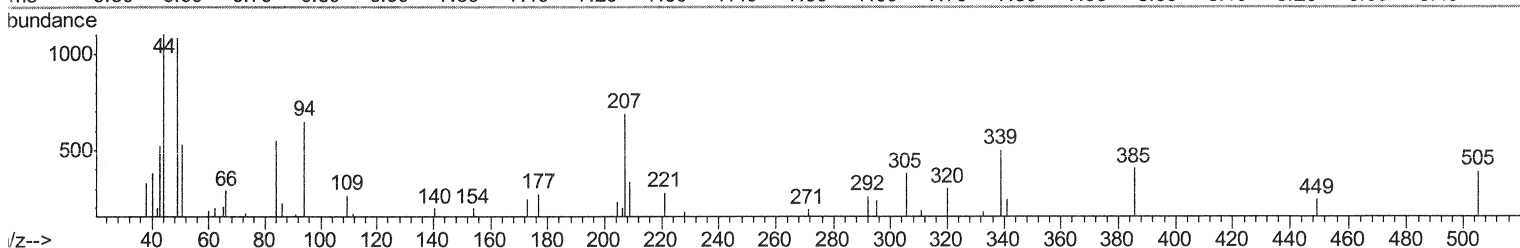
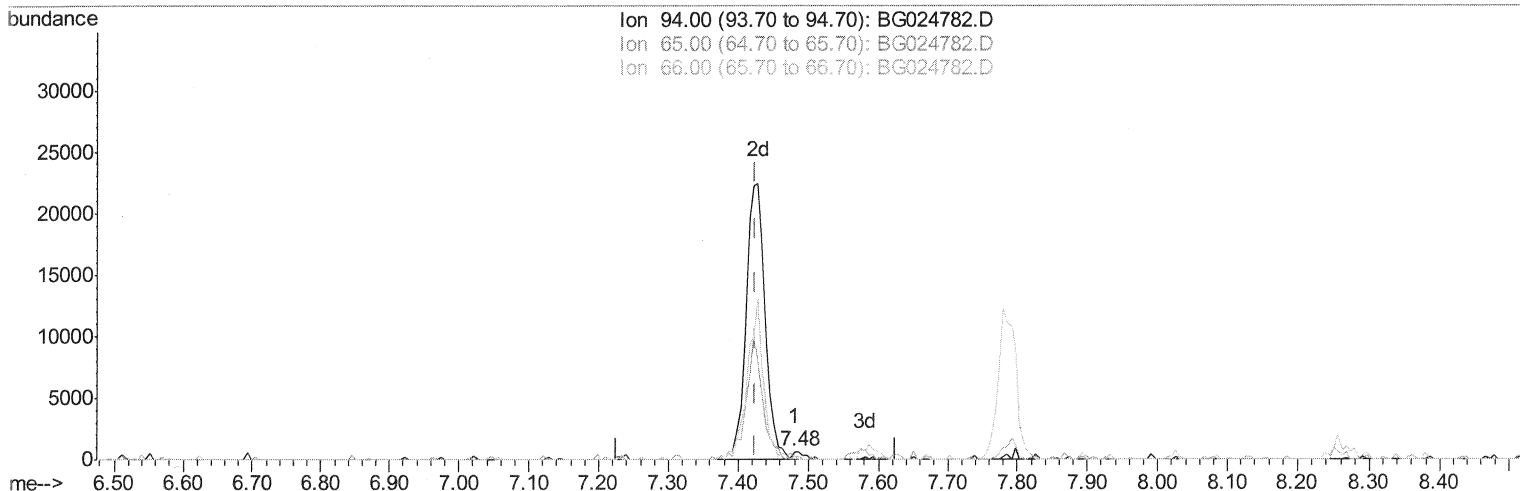
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111416\
Data File : BG024782.D
Acq On : 15 Nov 2016 3:13
Operator : UM/SJ
Sample : H5626-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F2J01

Manual Integrations
APPROVED

sohil
11/15/2016 2:58:09 PM

Quant Time: Nov 15 04:47:21 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 15 01:28:14 2016
Response via : Initial Calibration



TIC: BG024782.D

(6) Phenol

7.480min (+0.055) 0.10ng/ul

response 792

Ion	Exp%	Act%
94.00	100	100
65.00	33.50	31.70
66.00	55.50	44.56
0.00	0.00	0.00

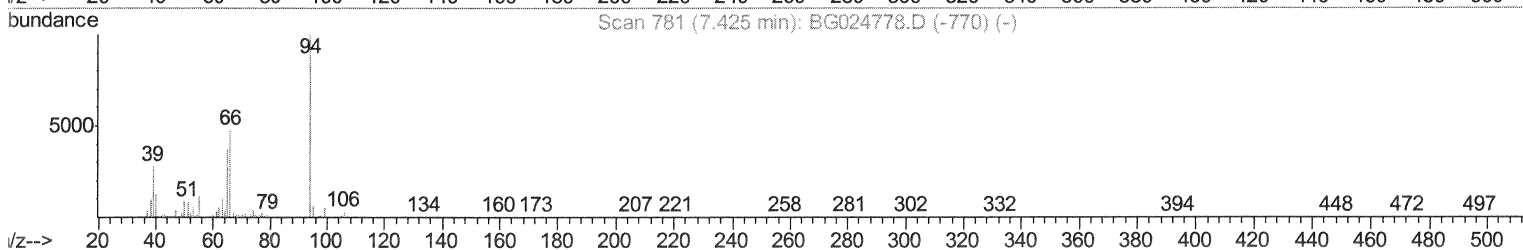
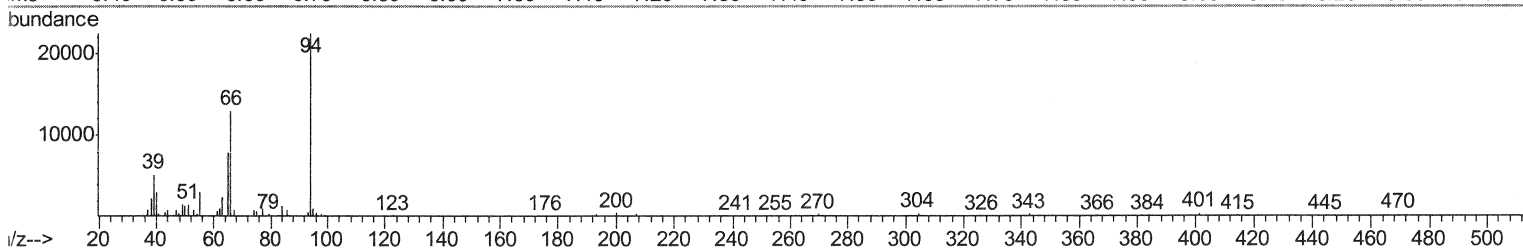
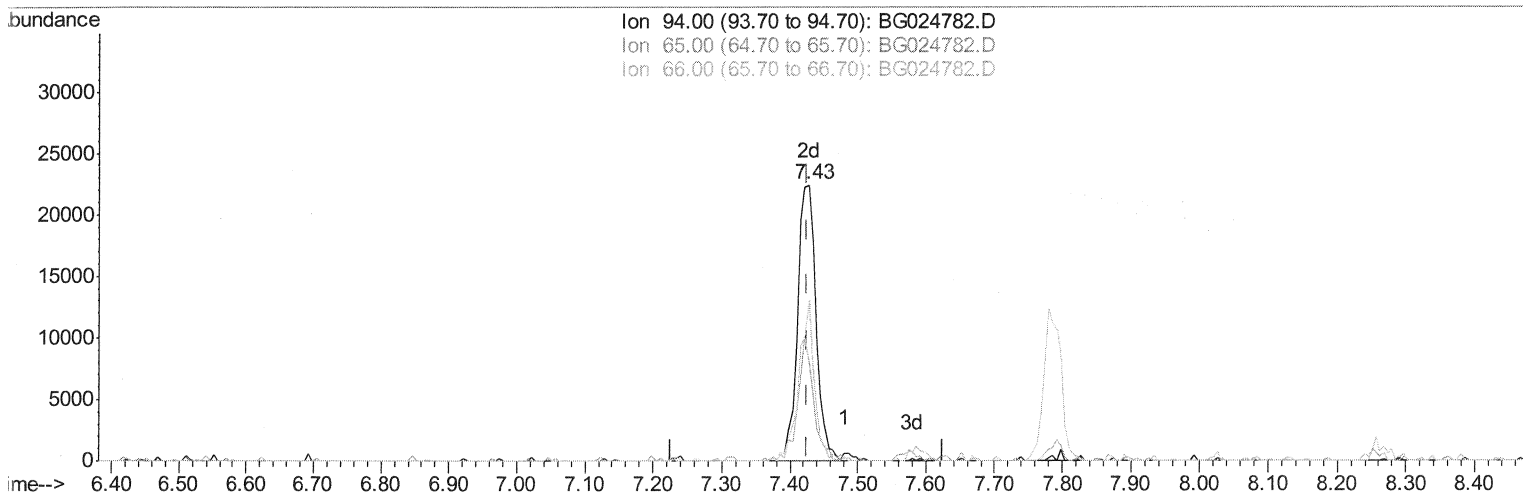
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111416\
Data File : BG024782.D
Acq On : 15 Nov 2016 3:13
Operator : UM/SJ
Sample : H5626-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F2J01

Manual Integrations
APPROVED

sohil
11/15/2016 2:58:09 PM

Quant Time: Nov 15 04:47:21 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 15 01:28:14 2016
Response via : Initial Calibration



TIC: BG024782.D

(6) Phenol

7.427min (+0.002) 5.56ng/ul m

52 11/15/16

response 42183

Ion	Exp%	Act%
94.00	100	100
65.00	33.50	35.65
66.00	55.50	58.11
0.00	0.00	0.00

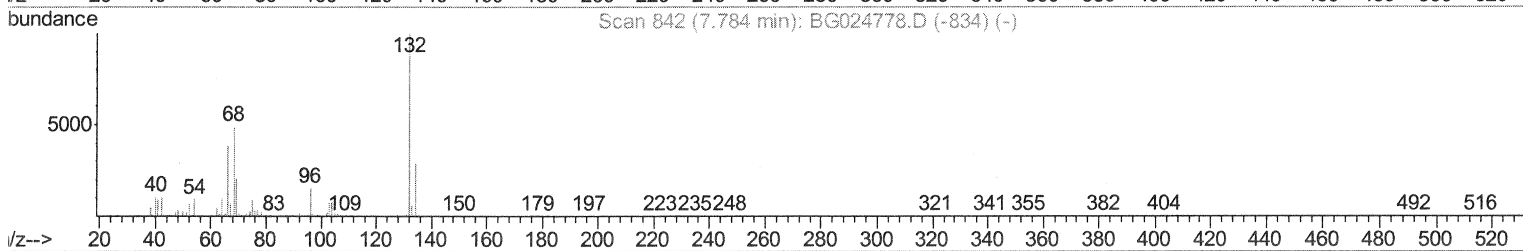
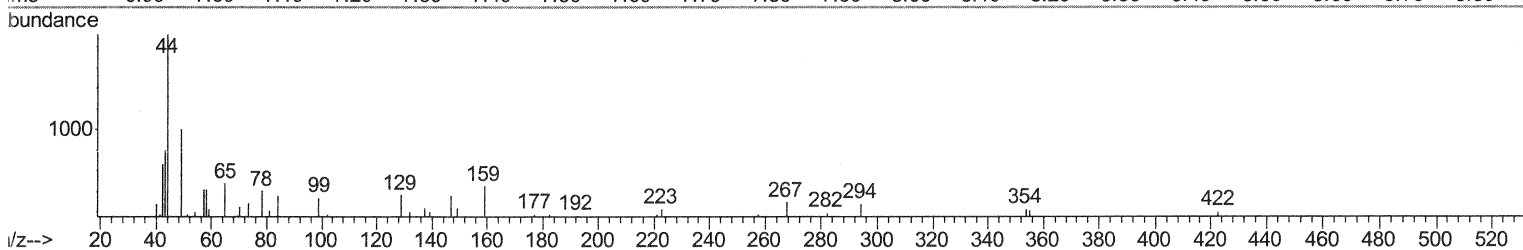
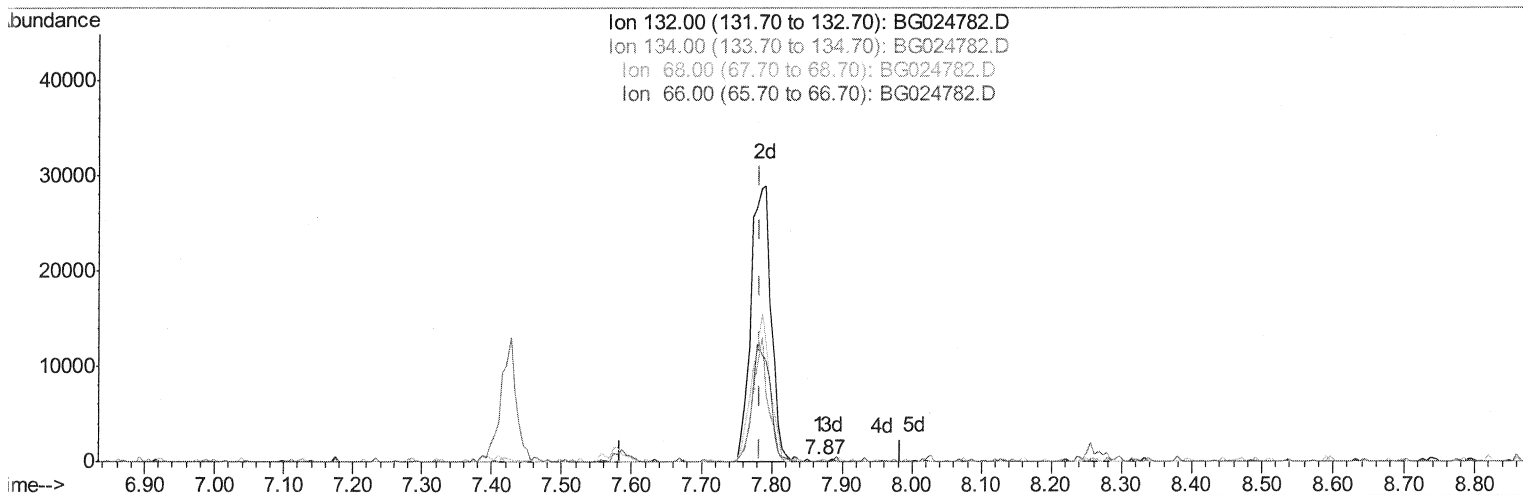
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111416\
Data File : BG024782.D
Acq On : 15 Nov 2016 3:13
Operator : UM/SJ
Sample : H5626-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F2J01

Manual Integrations
APPROVED

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11/15/2016 2:58:09 PM

Quant Time: Nov 15 04:47:21 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration



TIC: BG024782.D

(9) 2-Chlorophenol-d4 (S)

7.868min (+0.084) 0.01ng/ul

response 69

Ion	Exp%	Act%
132.00	100	100
134.00	38.90	0.00#
68.00	51.70	81.63#
66.00	47.60	0.00#

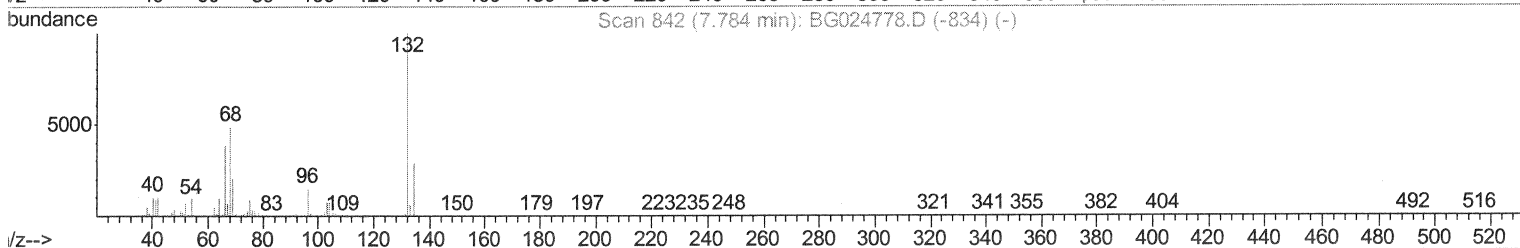
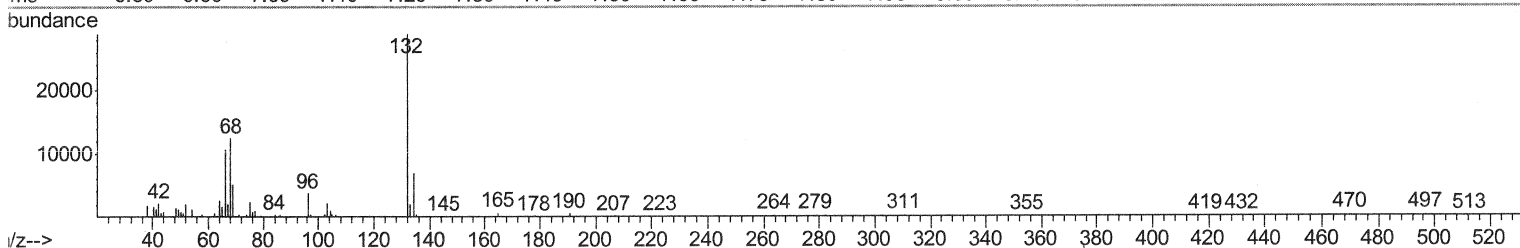
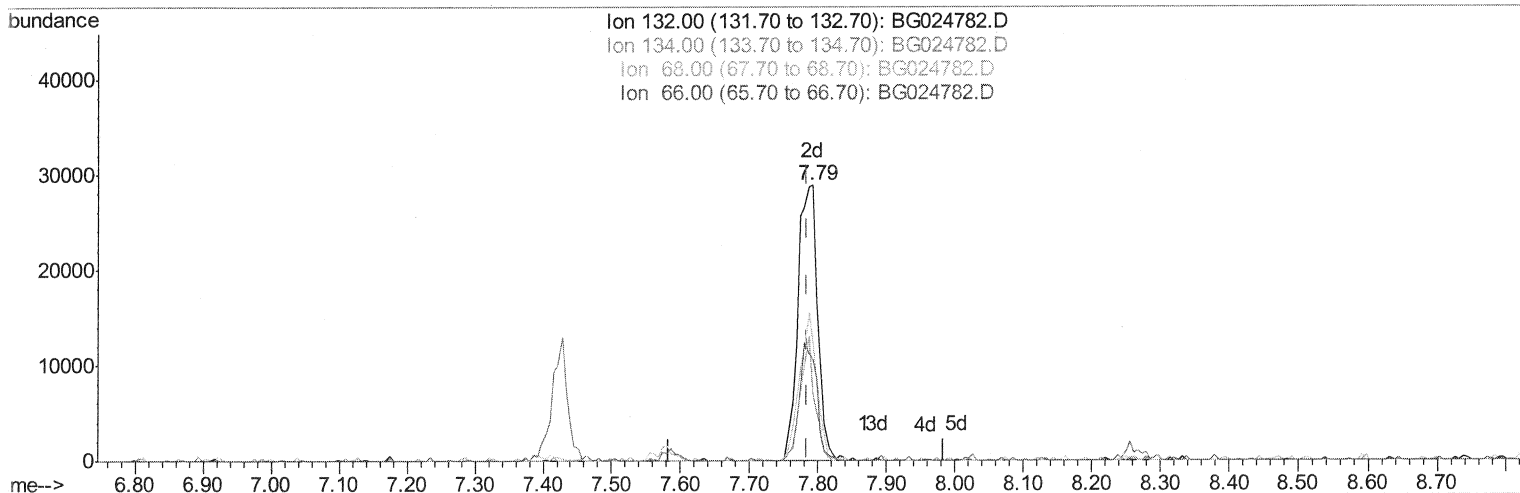
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111416\
Data File : BG024782.D
Acq On : 15 Nov 2016 3:13
Operator : UM/SJ
Sample : H5626-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F2J01

Manual Integrations
APPROVED

sohil
11/15/2016 2:58:09 PM

Quant Time: Nov 15 04:47:21 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 15 01:28:14 2016
Response via : Initial Calibration



TIC: BG024782.D

(9) 2-Chlorophenol-d4 (S)

7.792min (+0.008) 11.11ng/ul m

52 11/15/16

response 57932

Ion	Exp%	Act%
132.00	100	100
134.00	38.90	24.28#
68.00	51.70	43.33
66.00	47.60	37.02#

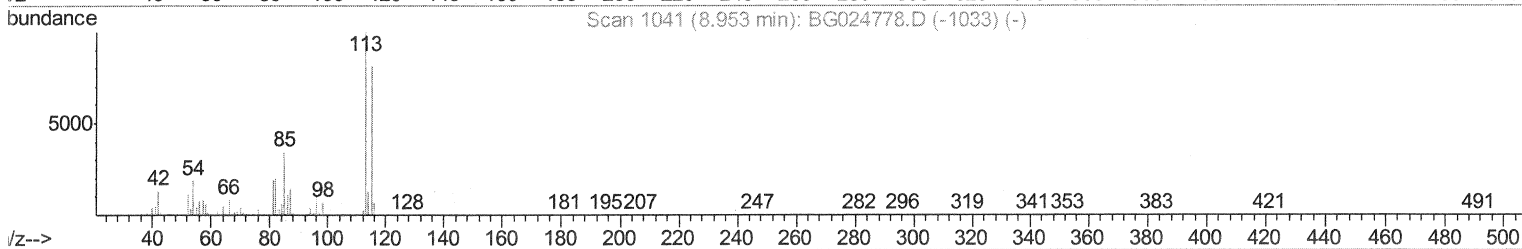
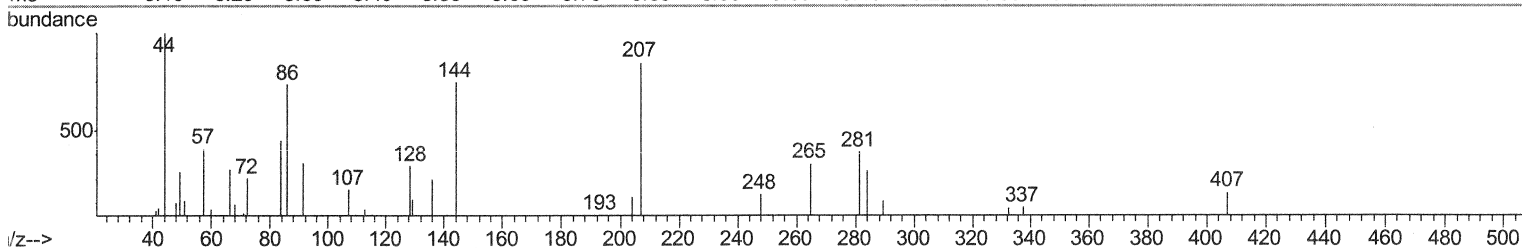
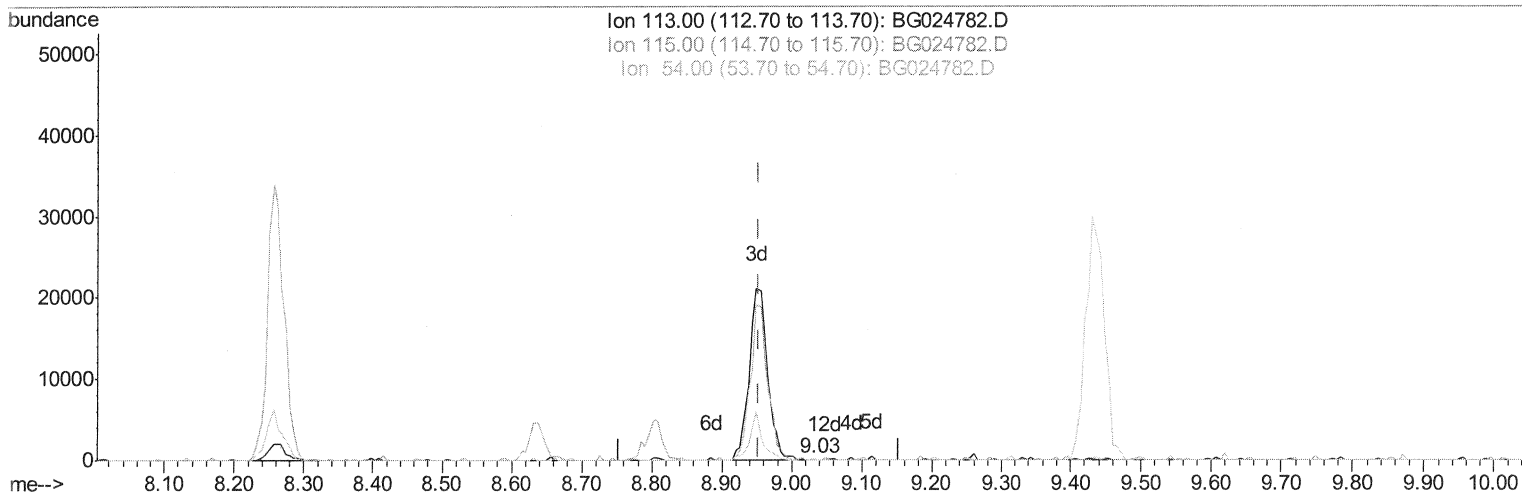
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111416\
Data File : BG024782.D
Acq On : 15 Nov 2016 3:13
Operator : UM/SJ
Sample : H5626-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
F2J01

Manual Integrations
APPROVED

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11/15/2016 2:58:09 PM

Quant Time: Nov 15 04:47:21 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 15 01:28:14 2016
Response via : Initial Calibration



TIC: BG024782.D

(13) 4-Methylphenol-d8 (S)

9.031min (+0.078) 0.01ng/ul

response 62

Ion	Exp%	Act%
113.00	100	100
115.00	87.60	86.93
54.00	17.10	0.00#
0.00	0.00	0.00

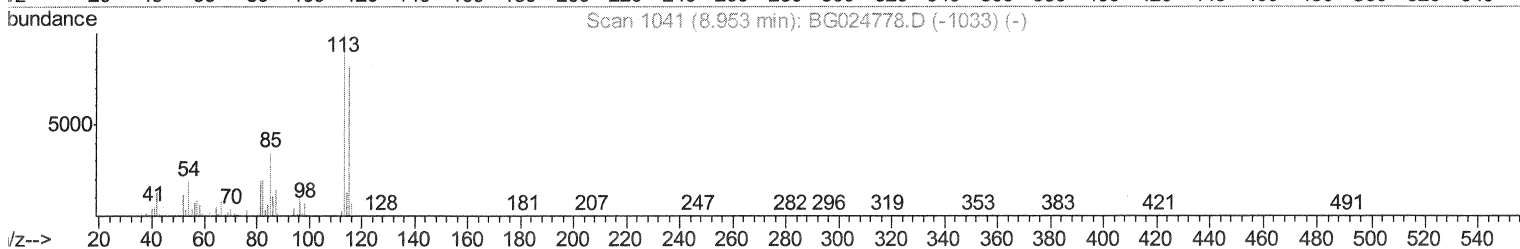
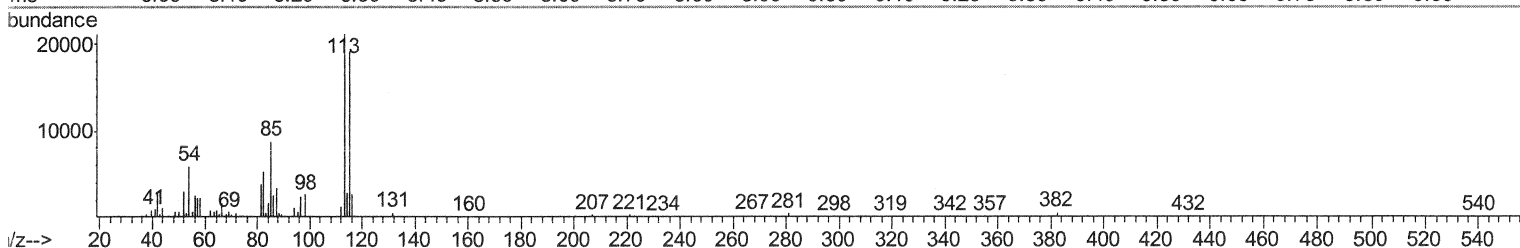
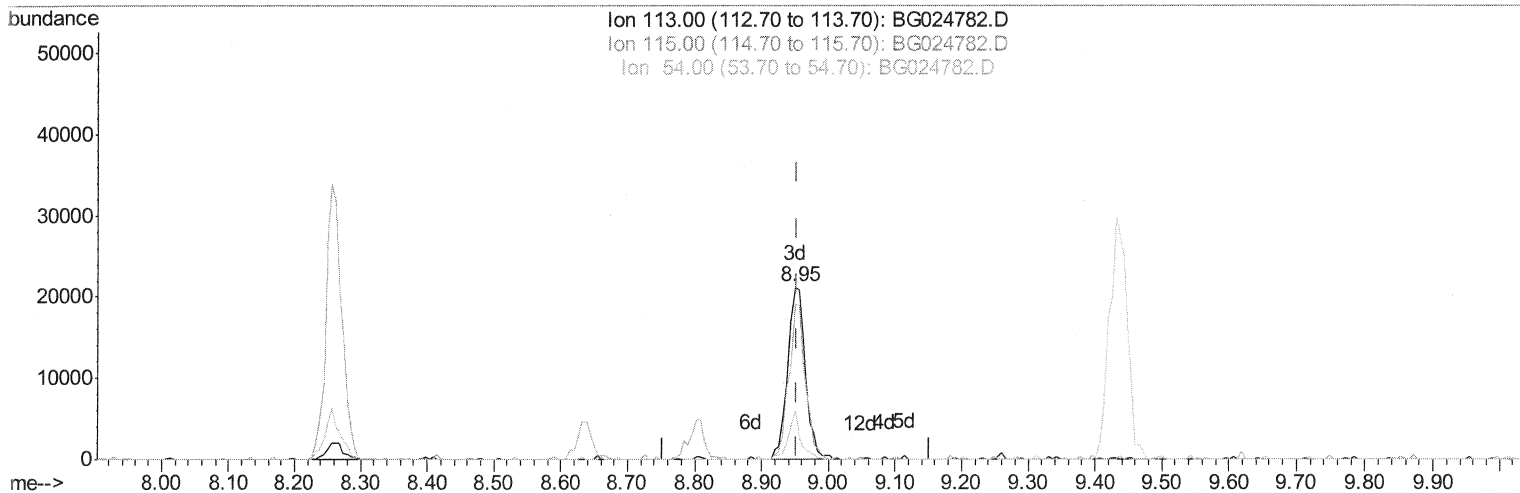
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111416\
Data File : BG024782.D
Acq On : 15 Nov 2016 3:13
Operator : UM/SJ
Sample : H5626-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F2J01

Manual Integrations
APPROVED

sohil
11/15/2016 2:58:09 PM

Quant Time: Nov 15 04:47:21 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 15 01:28:14 2016
Response via : Initial Calibration



TIC: BG024782.D

(13) 4-Methylphenol-d8 (S)

8.949min (-0.004) 6.40ng/ul m

52 11/15/16

response 39052

Ion	Exp%	Act%
113.00	100	100
115.00	87.60	90.47
54.00	17.10	28.17#
0.00	0.00	0.00

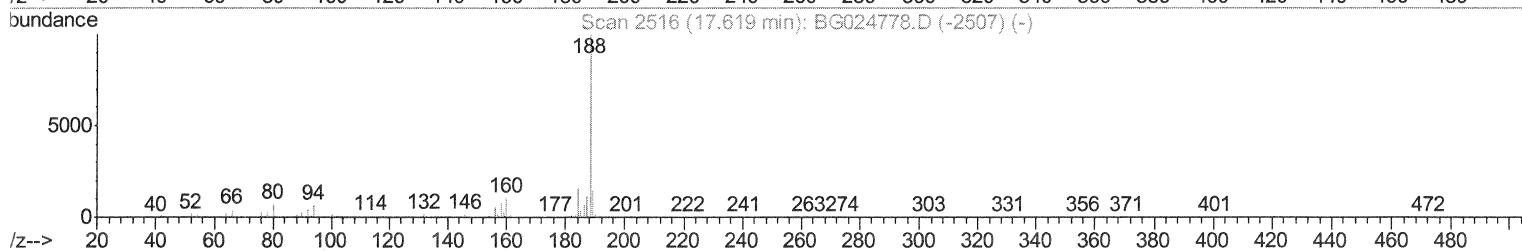
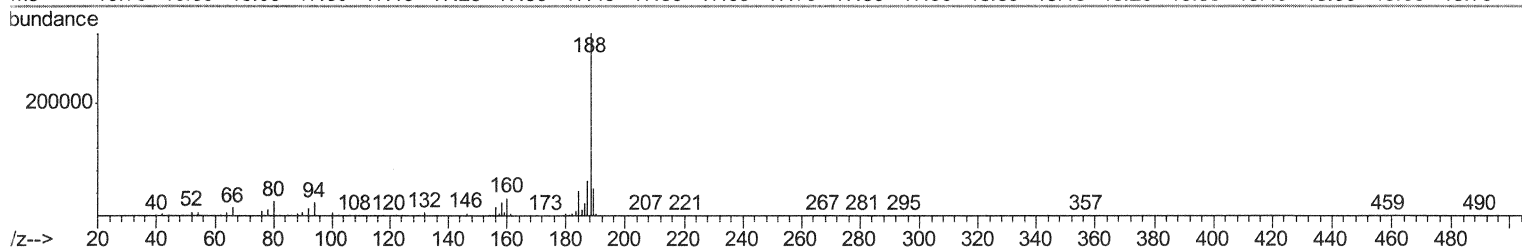
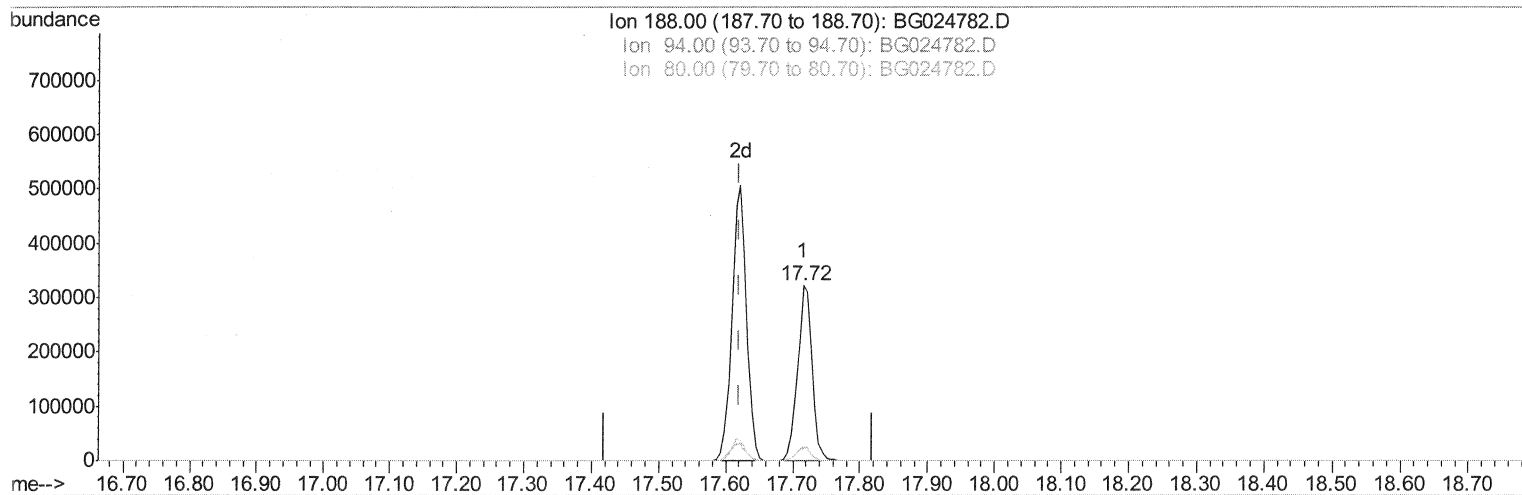
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111416\
Data File : BG024782.D
Acq On : 15 Nov 2016 3:13
Operator : UM/SJ
Sample : H5626-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F2J01

Manual Integrations
APPROVED

sohil
11/15/2016 2:58:09 PM

Quant Time: Nov 15 04:47:21 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
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TIC: BG024782.D

(61) Phenanthrene-d10 (I)

17.715min (+0.096) 20.00ng/ul

response 489754

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	7.41
80.00	9.50	8.01
0.00	0.00	0.00

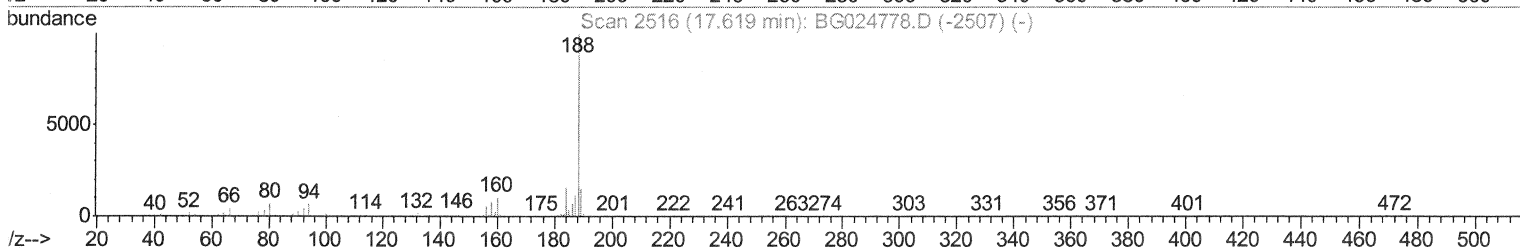
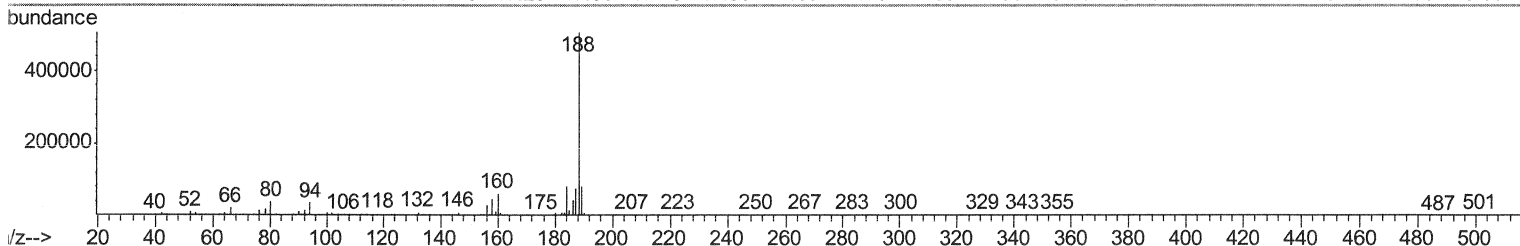
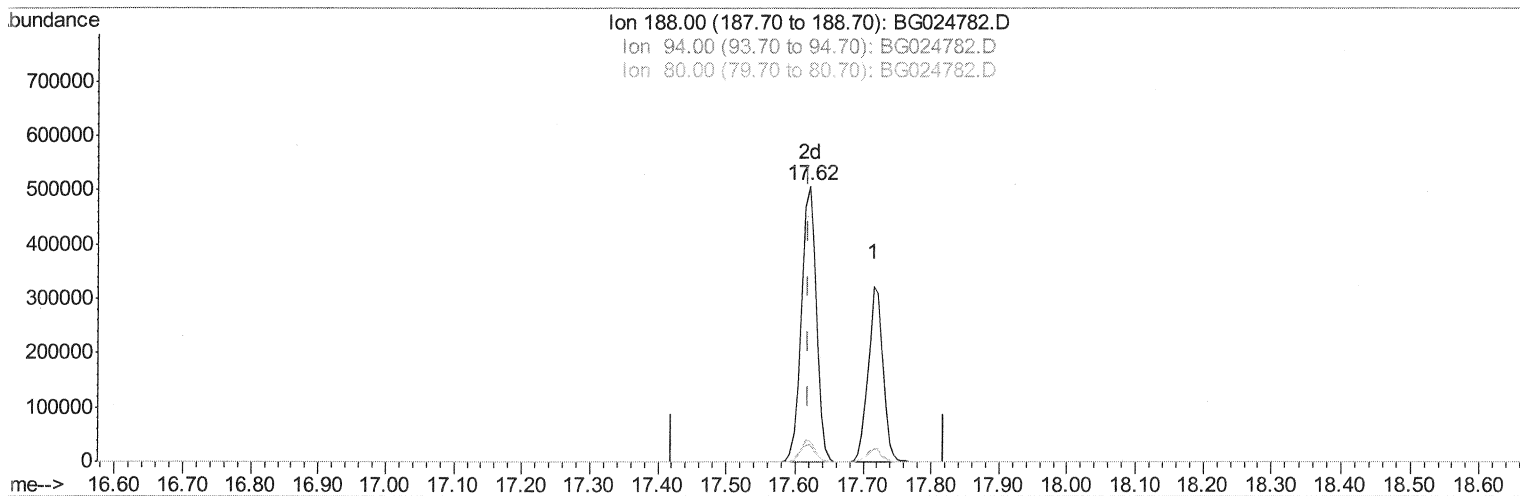
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111416\
Data File : BG024782.D
Acq On : 15 Nov 2016 3:13
Operator : UM/SJ
Sample : H5626-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F2J01

Manual Integrations
APPROVED

sohil
11/15/2016 2:58:09 PM

Quant Time: Nov 15 04:47:21 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 15 01:28:14 2016
Response via : Initial Calibration



TIC: BG024782.D

(61) Phenanthrene-d10 (I)

17.621min (+0.002) 20.00ng/ul m

SJ 11/15/16

response 775509

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	6.58#
80.00	9.50	7.25#
0.00	0.00	0.00

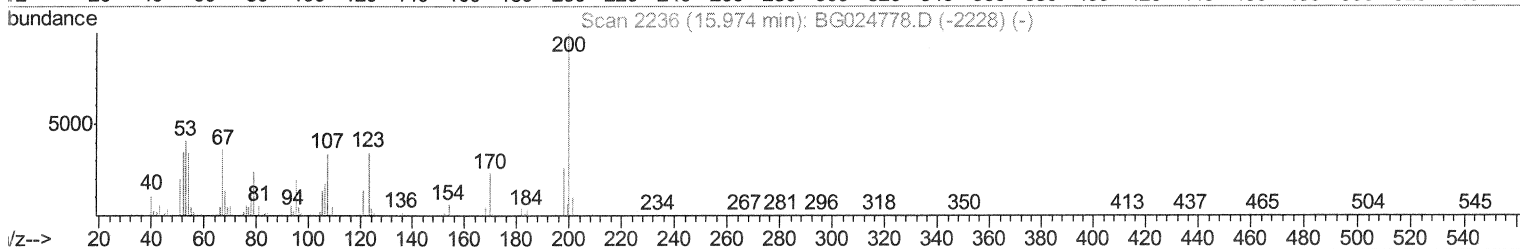
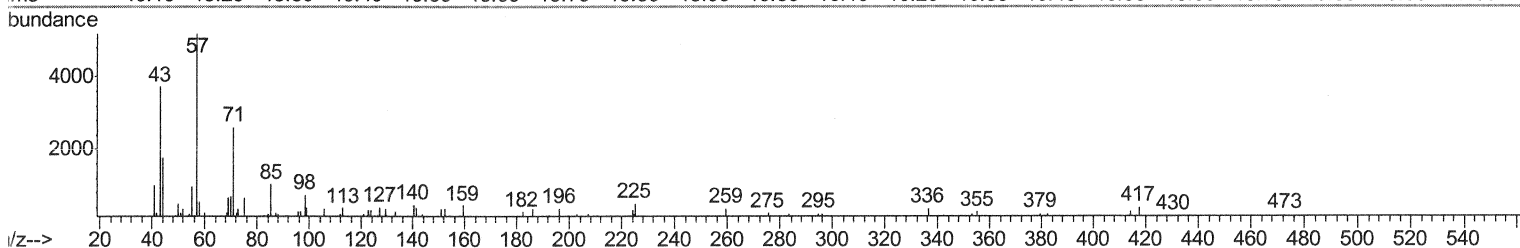
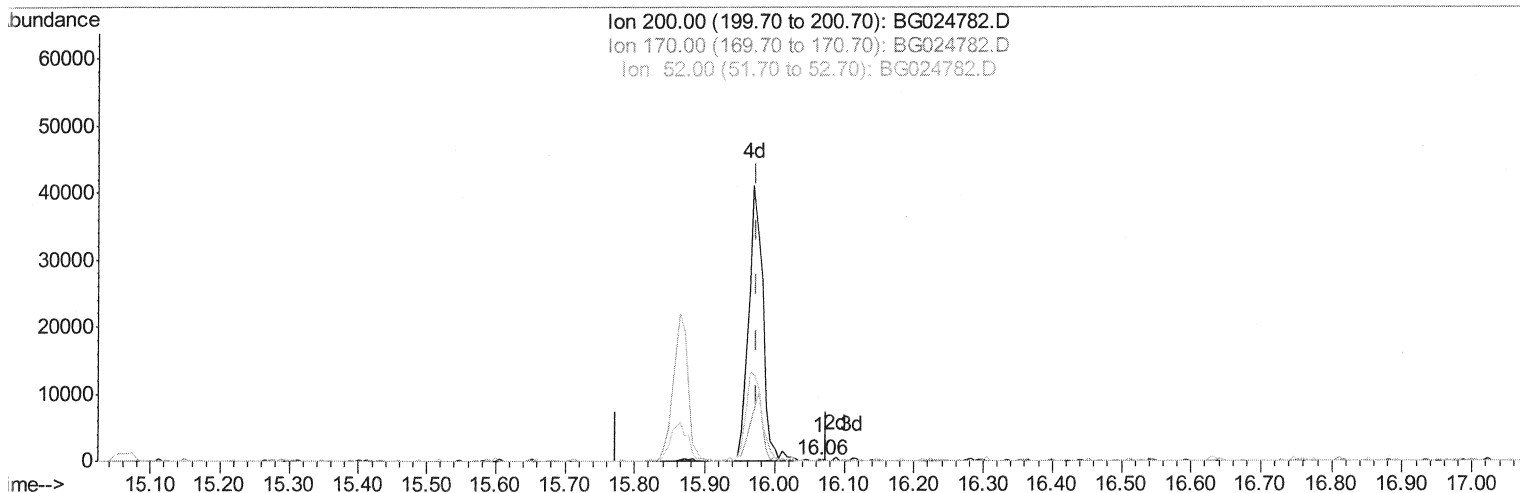
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111416\
Data File : BG024782.D
Acq On : 15 Nov 2016 3:13
Operator : UM/SJ
Sample : H5626-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F2J01

Manual Integrations
APPROVED

sohil
11/15/2016 2:58:09 PM

Quant Time: Nov 15 04:50:12 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 15 01:28:14 2016
Response via : Initial Calibration



TIC: BG024782.D

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

16.064min (+0.090) 0.02ng/ul

response 119

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	0.00#
52.00	47.20	189.07#
0.00	0.00	0.00

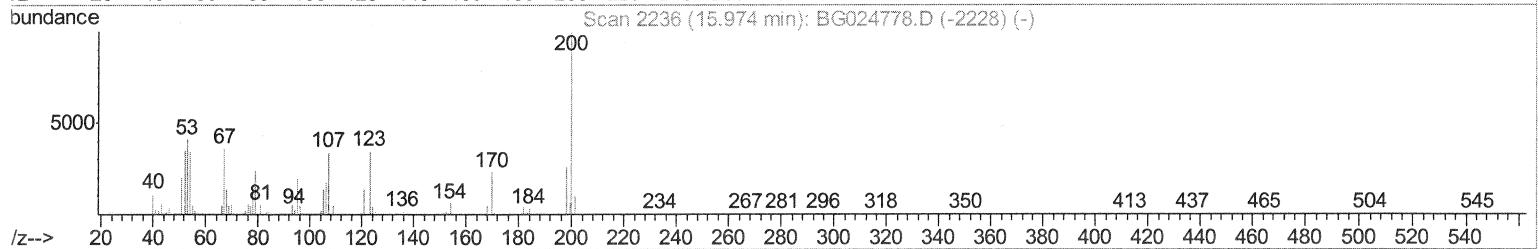
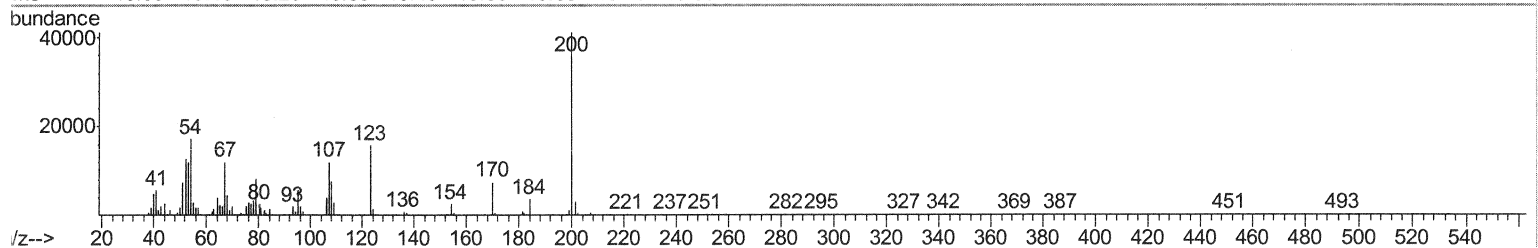
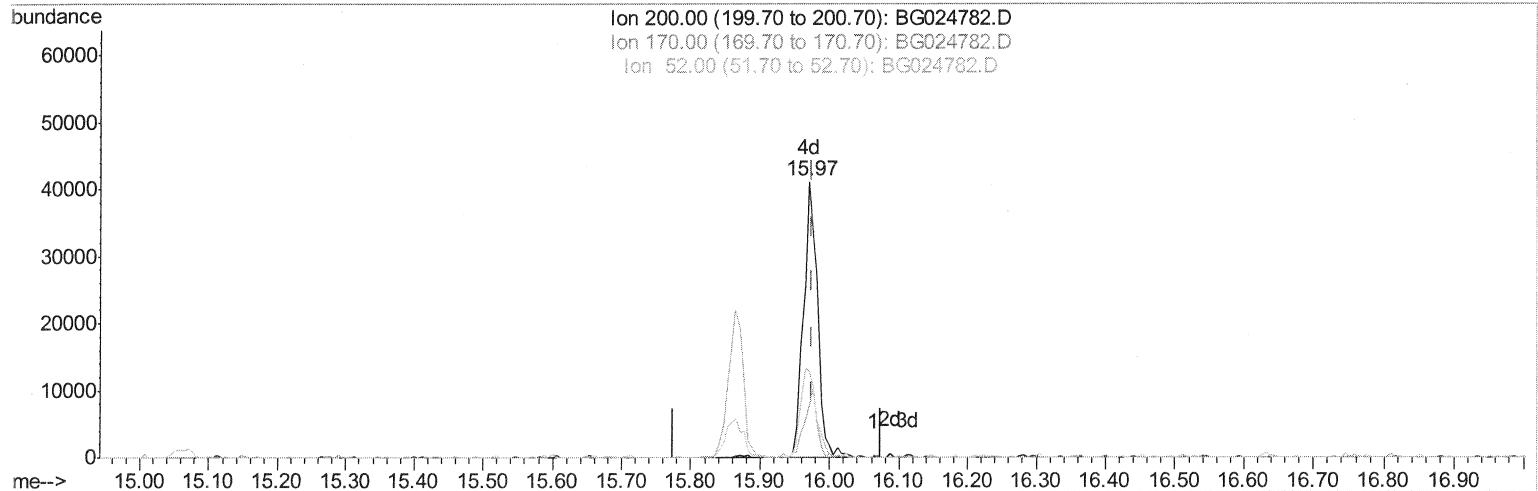
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111416\
Data File : BG024782.D
Acq On : 15 Nov 2016 3:13
Operator : UM/SJ
Sample : H5626-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F2J01

Manual Integrations
APPROVED

sohil
11/15/2016 2:58:09 PM

Quant Time: Nov 15 04:50:12 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 15 01:28:14 2016
Response via : Initial Calibration



TIC: BG024782.D

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

15.970min (-0.004) 10.72ng/ul m

52 11/15/16

response 57145

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	18.47#
52.00	47.20	31.30#
0.00	0.00	0.00

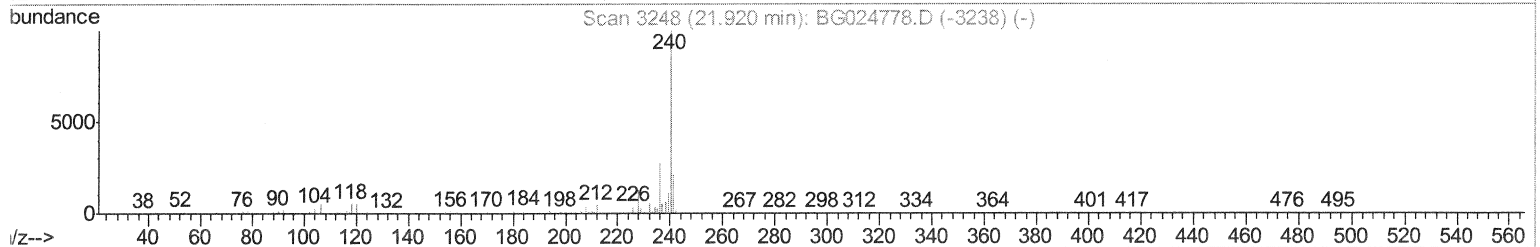
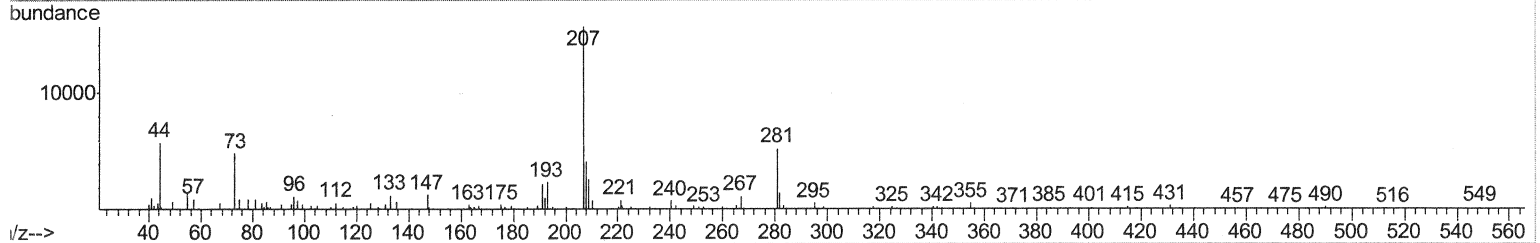
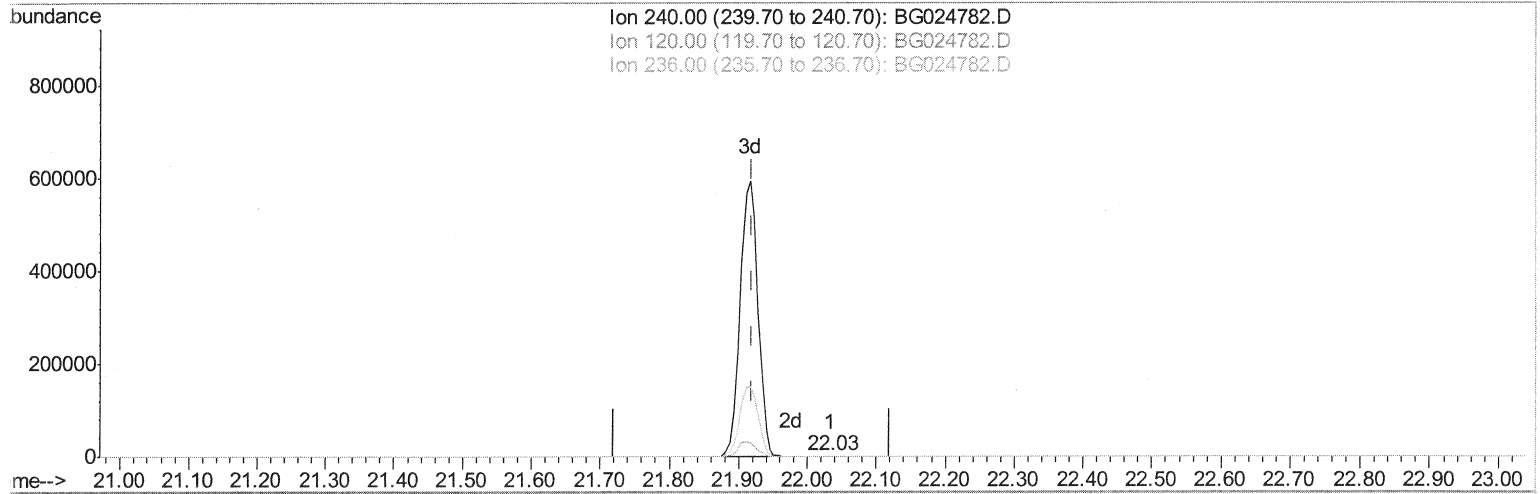
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111416\
Data File : BG024782.D
Acq On : 15 Nov 2016 3:13
Operator : UM/SJ
Sample : H5626-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F2J01

Manual Integrations
APPROVED

sohil
11/15/2016 2:58:09 PM

Quant Time: Nov 15 04:50:12 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 15 01:28:14 2016
Response via : Initial Calibration



TIC: BG024782.D

(75) Chrysene-d12 (I)

22.034min (+0.114) 20.00ng/ul

response 1084

Ion	Exp%	Act%
240.00	100	100
120.00	6.40	55.28#
236.00	27.90	0.00#
0.00	0.00	0.00

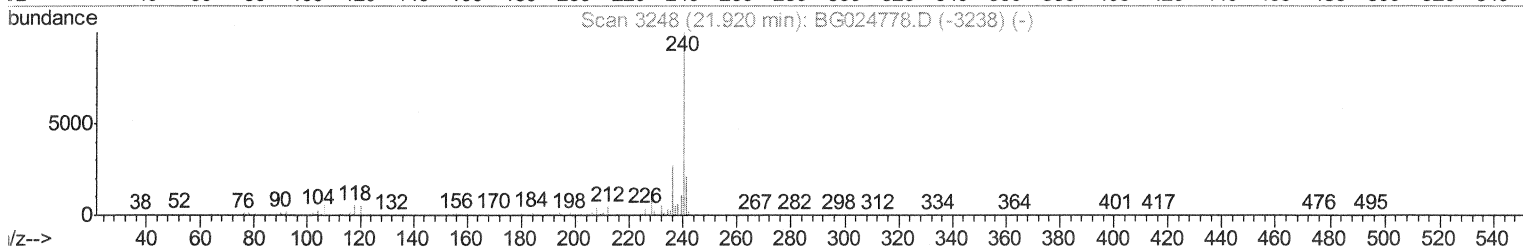
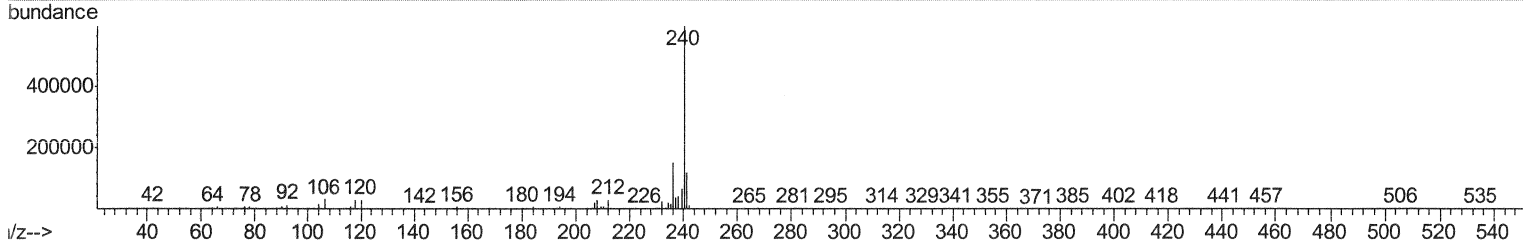
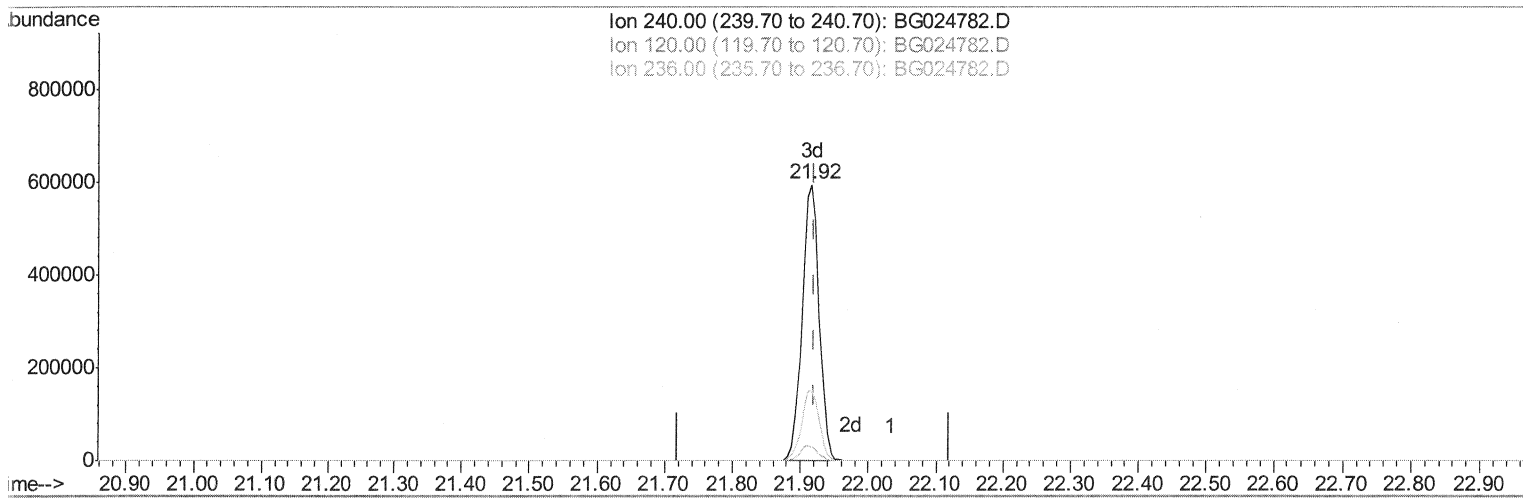
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111416\
Data File : BG024782.D
Acq On : 15 Nov 2016 3:13
Operator : UM/SJ
Sample : H5626-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
F2J01

Manual Integrations
APPROVED

sohil
11/15/2016 2:58:09 PM

Quant Time: Nov 15 04:50:12 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 15 01:28:14 2016
Response via : Initial Calibration



TIC: BG024782.D

(75) Chrysene-d12 (I)

21.916min (-0.004) 20.00ng/ul m

SJ 11/15/16

response 1057480

Ion	Exp%	Act%
240.00	100	100
120.00	6.40	4.98#
236.00	27.90	25.69
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111416\
 Data File : BG024782.D
 Acq On : 15 Nov 2016 3:13
 Operator : UM/SJ
 Sample : H5626-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F2J01

Manual Integrations
 APPROVED

sohil
 11/15/2016 2:58:09 PM

Quant Time: Nov 15 04:51:14 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 15 01:28:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	84847m	20.00	ng/ul	0.00
18) Naphthalene-d8	11.09	136	369785	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.88	164	312064	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.62	188	775509m	20.00	ng/ul	0.00
75) Chrysene-d12	21.92	240	1057480m	20.00	ng/ul	0.00
83) Perylene-d12	25.34	264	1125232	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.63	96	1470	0.90	ng/uL	0.00
5) Phenol-d5	7.39	99	21763	2.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.57	67	59753	13.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.79	132	57932m	11.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	39052m	6.40	ng/ul	0.00
19) Nitrobenzene-d5	9.43	128	34061	12.16	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	37618	11.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	72987	10.97	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	0.00
43) Dimethylphthalate-d6	14.27	166	319650	14.05	ng/ul	0.00
46) Acenaphthylene-d8	14.58	160	320039	12.91	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	9651	2.38	ng/ul	0.00
57) Fluorene-d10	15.86	176	284731	13.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	57145m	10.72	ng/ul	0.00
70) Anthracene-d10	17.72	188	488914	14.27	ng/ul	0.00
76) Pyrene-d10	19.99	212	700672	15.28	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.10	264	684581	13.90	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	7.43	94	42183m	5.56	ng/ul	
28) Naphthalene	11.14	128	213335	12.03	ng/ul	98
44) Dimethylphthalate	14.32	163	98167	4.50	ng/ul#	95

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