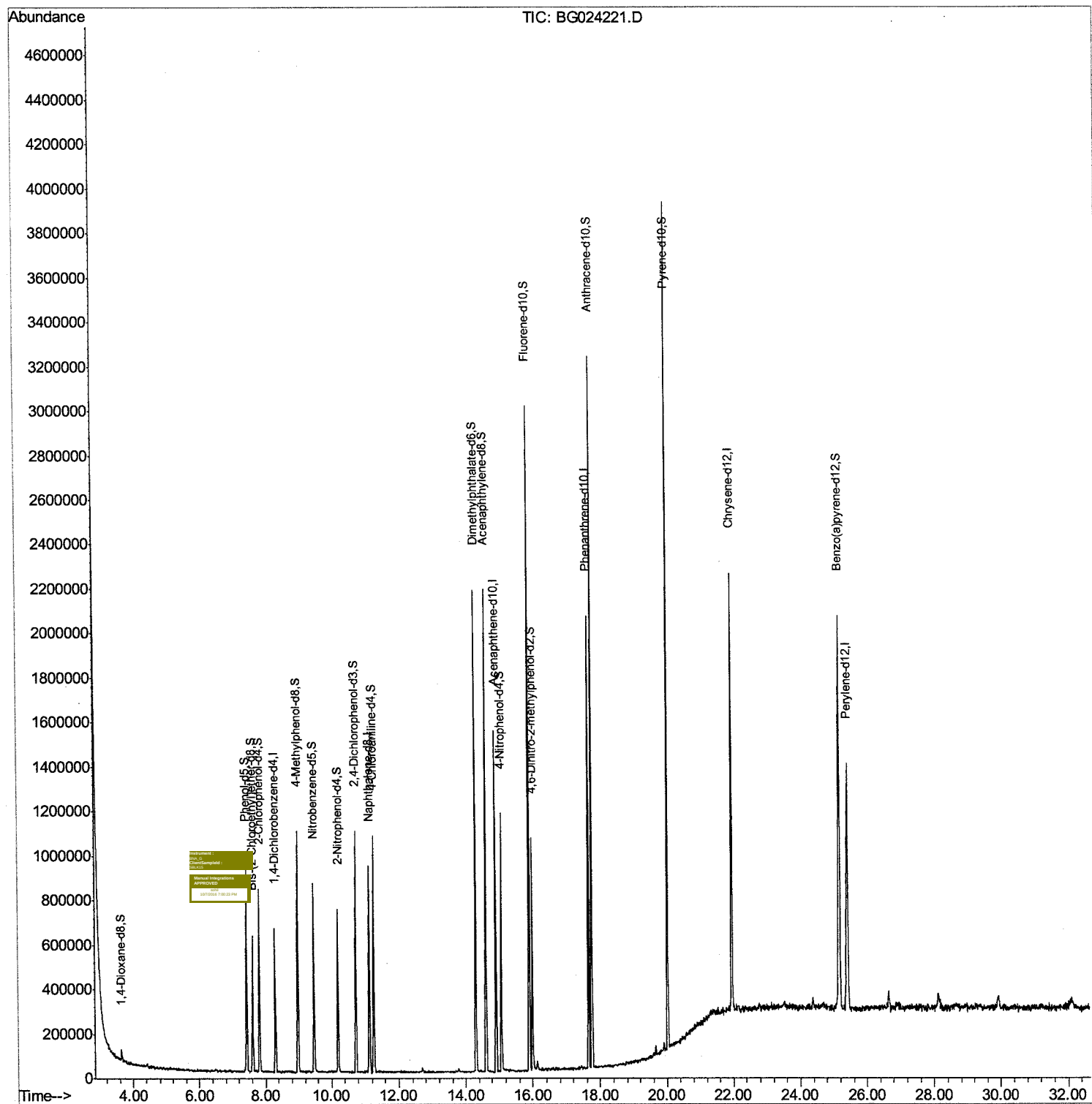


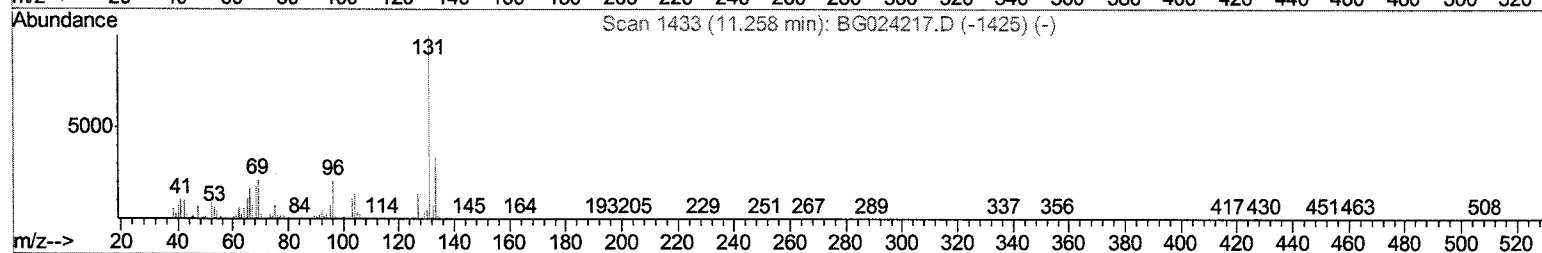
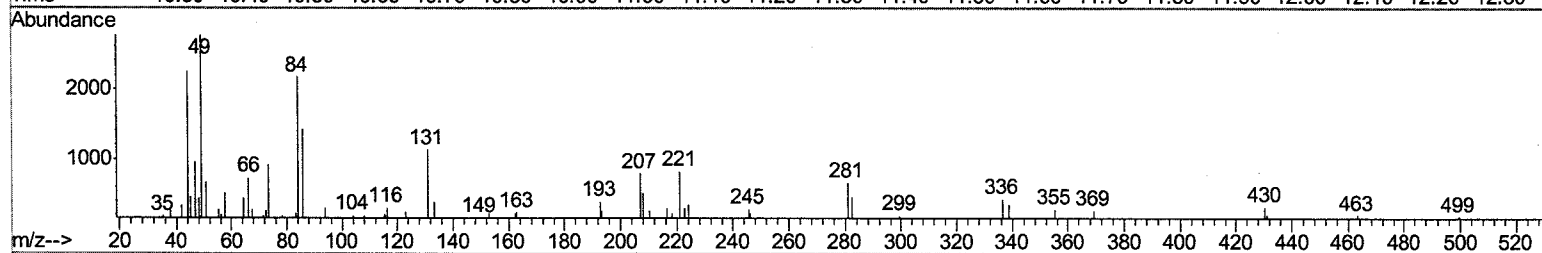
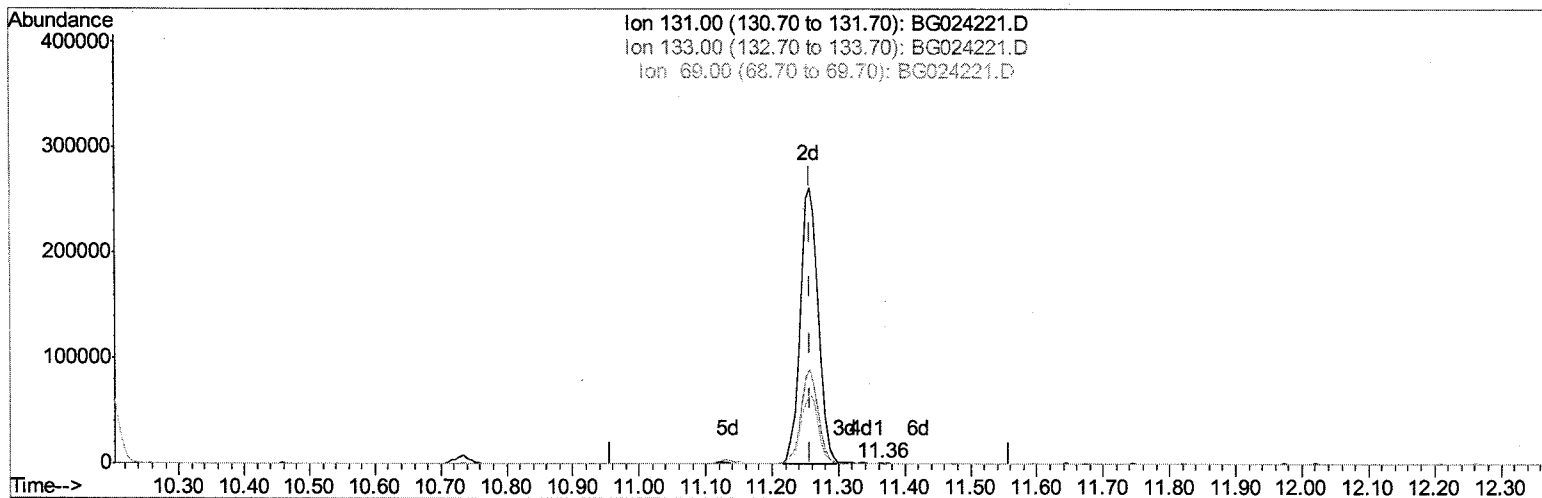
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100716\
Data File : BG024221.D
Acq On : 7 Oct 2016 5:25
Operator : UM/SJ
Sample : PB93815BL
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Oct 07 06:54:05 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 07 06:34:32 2016
Response via : Initial Calibration



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100716\
Data File : BG024221.D
Acq On : 7 Oct 2016 5:25
Operator : UM/SJ
Sample : PB93815BL
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Oct 07 06:36:00 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 07 06:34:32 2016
Response via : Initial Calibration



TIC: BG024221.D

(29) 4-Chloroaniline-d4 (S)

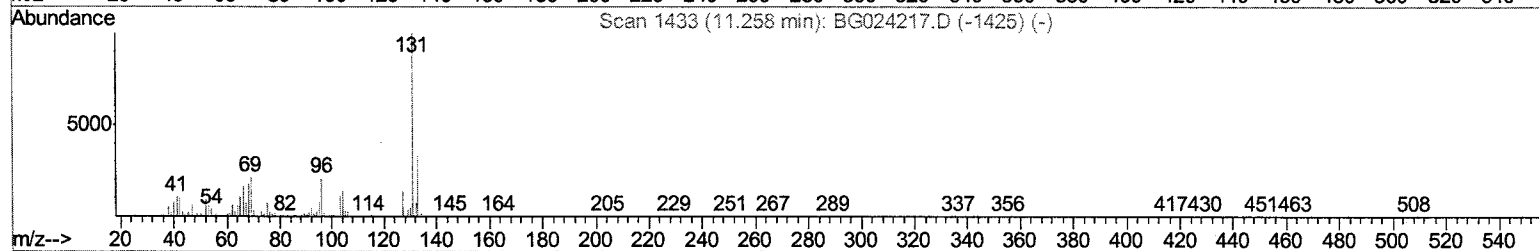
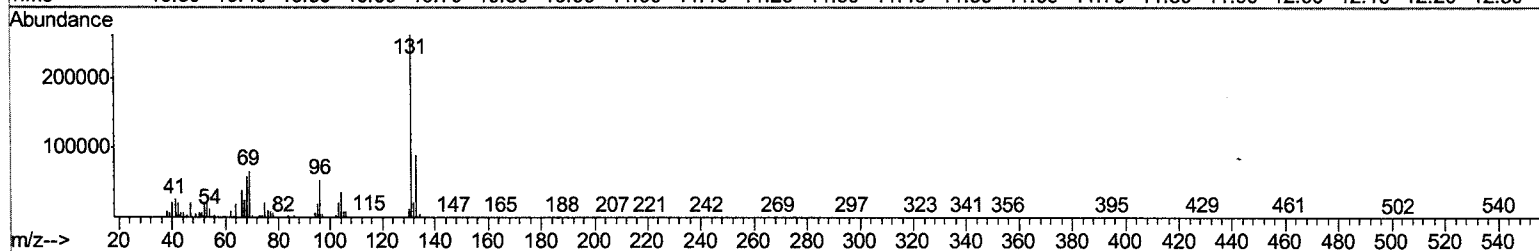
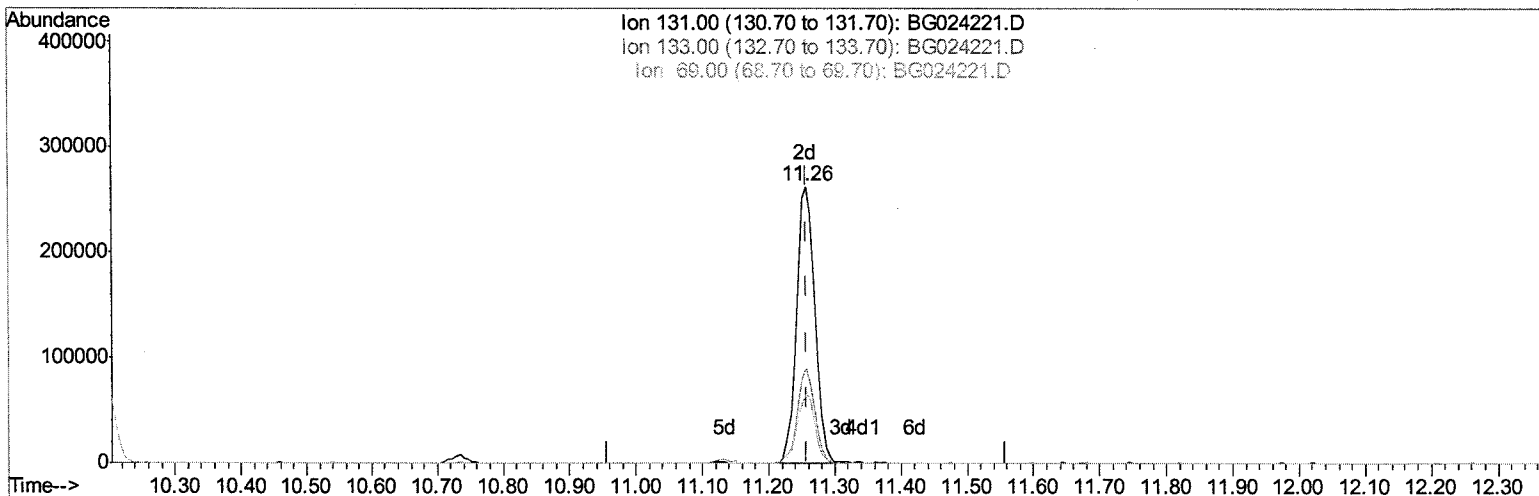
11.363min (+0.105) 0.05ng/ul

response 633

Ion	Exp%	Manual Integration
131.00	100	100
133.00	33.10	34.25
69.00	15.40	13.33
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100716\
Data File : BG024221.D
Acq On : 7 Oct 2016 5:25
Operator : UM/SJ
Sample : PB93815BL
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Oct 07 06:36:00 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 07 06:34:32 2016
Response via : Initial Calibration



TIC: BG024221.D

(29) 4-Chloroaniline-d4 (S)

11.257min (-0.001) 39.35ng/ul m

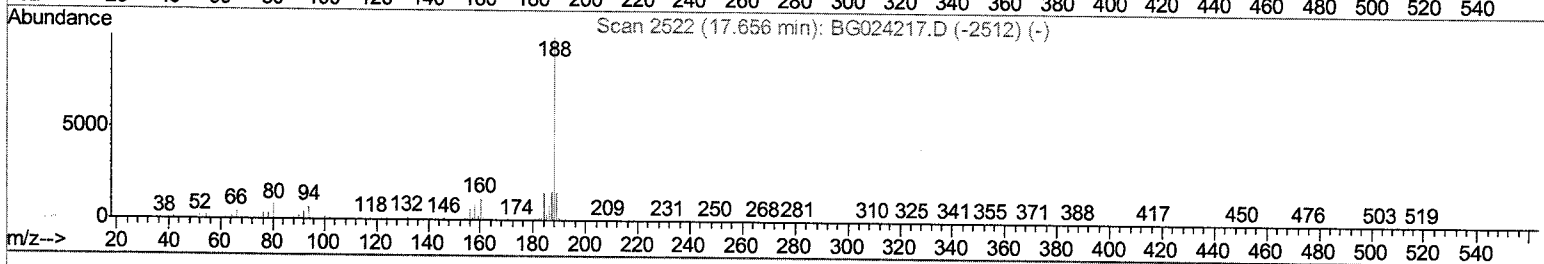
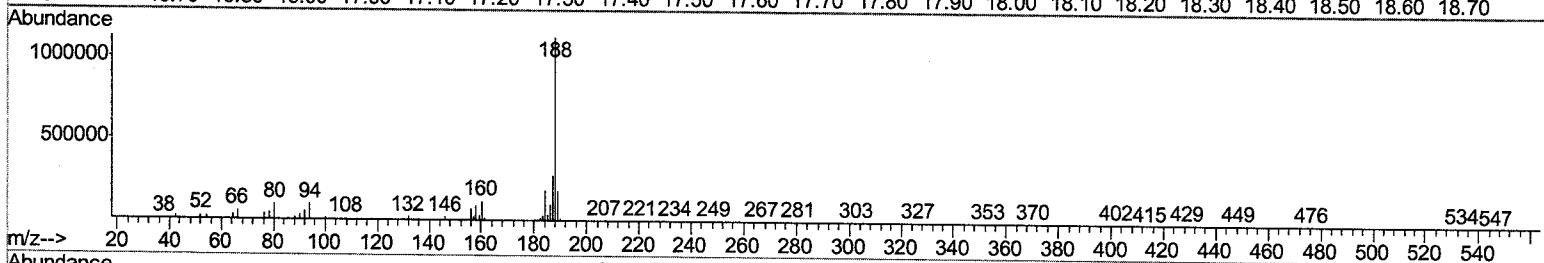
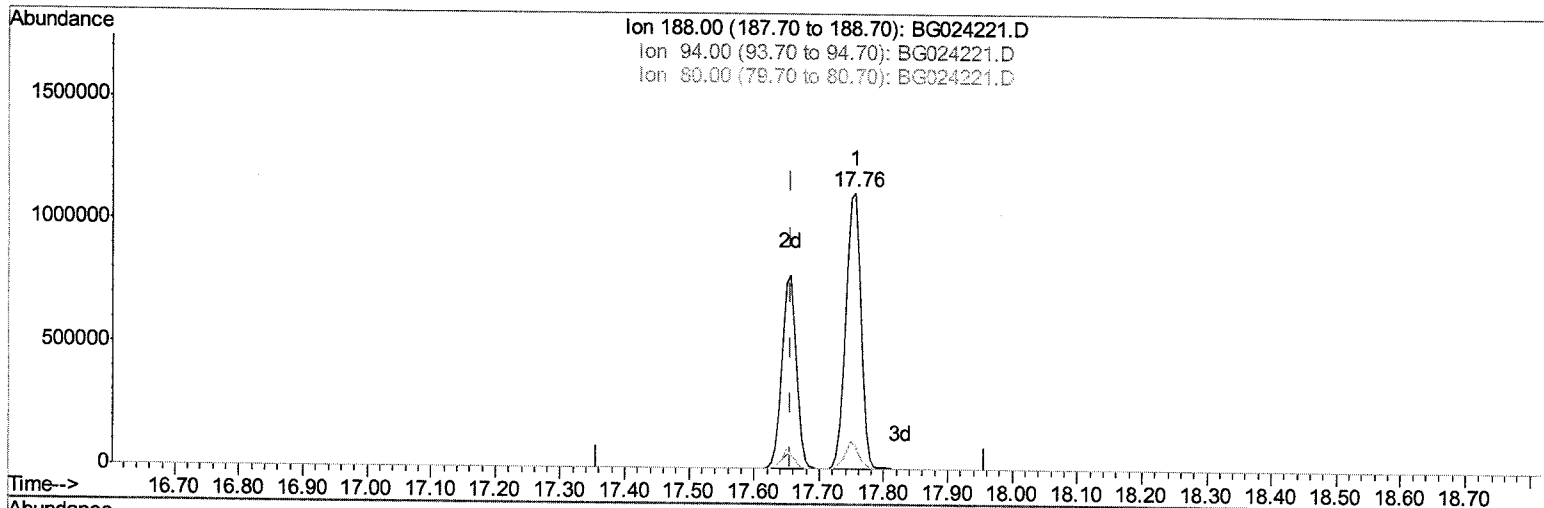
response 507518

Ion	Exp%	Manual Integration
131.00	100	100
133.00	33.10	34.07
69.00	15.40	25.47#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100716\
 Data File : BG024221.D
 Acq On : 7 Oct 2016 5:25
 Operator : UM/SJ
 Sample : PB93815BL
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Oct 07 06:36:00 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 07 06:34:32 2016
 Response via : Initial Calibration



TIC: BG024221.D

(61) Phenanthrene-d10 (I)

17.755min (+0.099) 20.00ng/ul

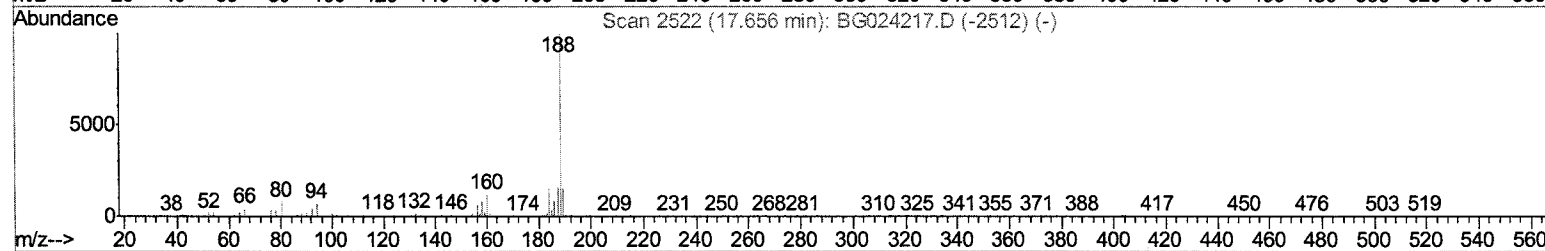
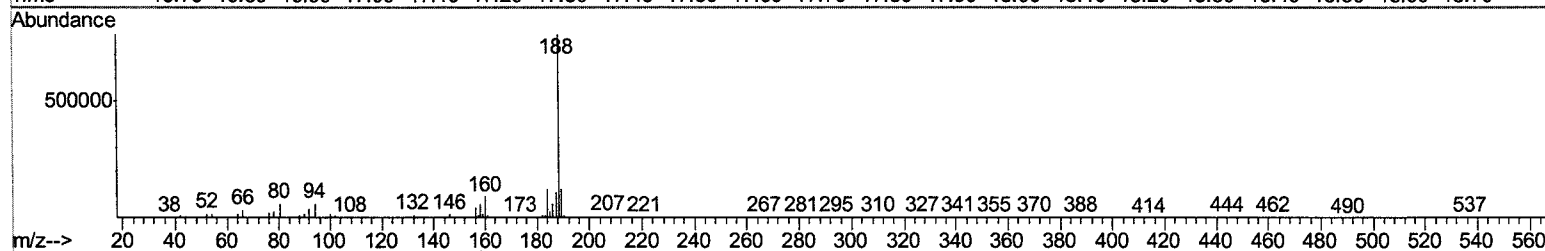
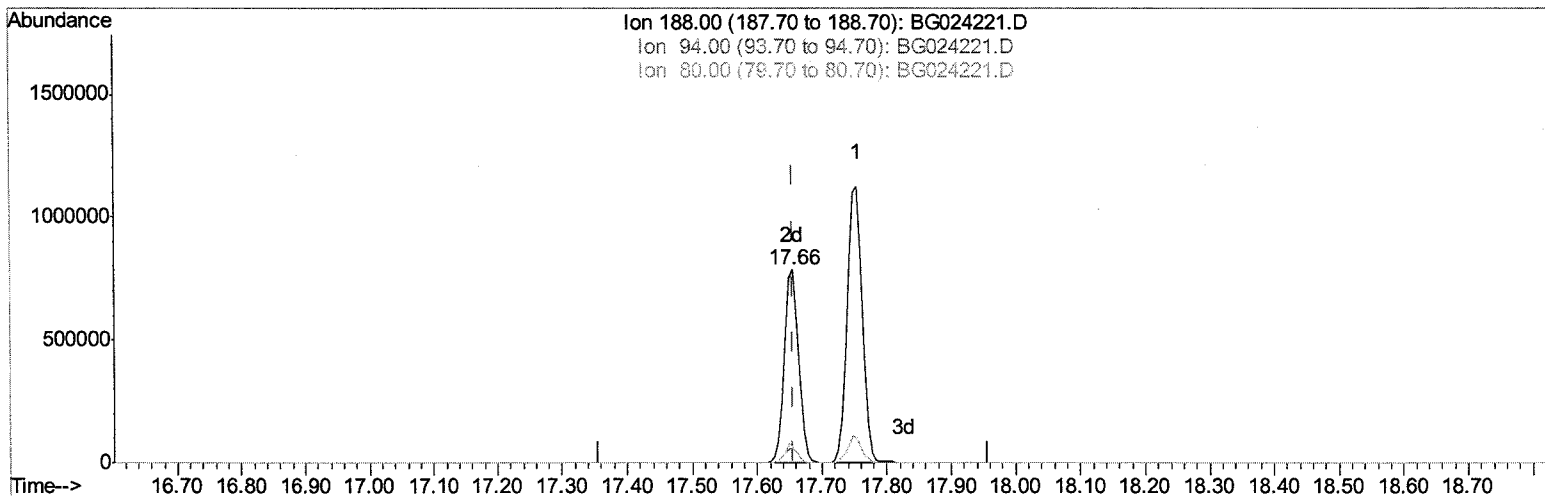
response 1842183

Ion	Exp%	100%
188.00	100	100
94.00	10.30	8.74
80.00	10.90	8.89
0.00	0.00	0.00



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100716\
Data File : BG024221.D
Acq On : 7 Oct 2016 5:25
Operator : UM/SJ
Sample : PB93815BL
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Oct 07 06:36:00 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 07 06:34:32 2016
Response via : Initial Calibration



TIC: BG024221.D

(61) Phenanthrene-d10 (I)

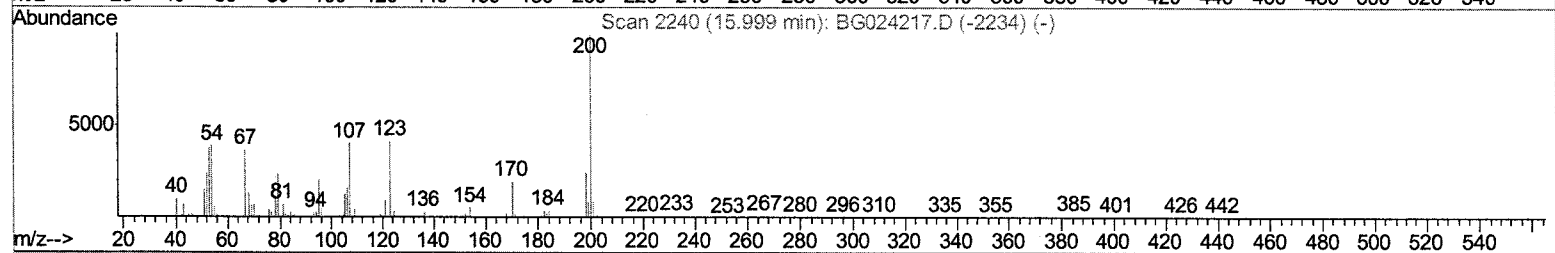
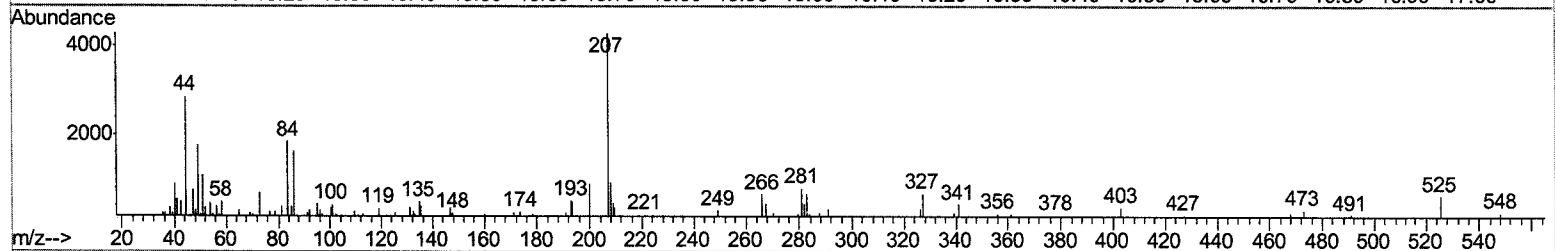
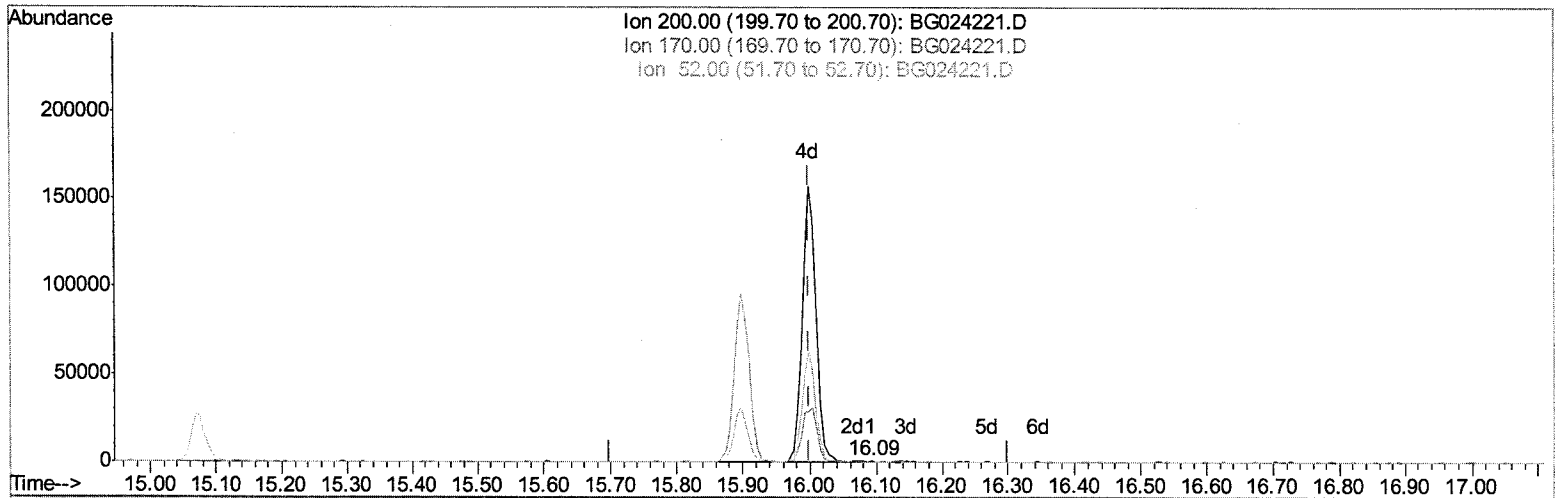
17.655min (-0.001) 20.00ng/ul m

response 1209366

Ion	Exp%	Manual Integration
188.00	100	100
94.00	10.30	7.66#
80.00	10.90	7.64#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100716\
Data File : BG024221.D
Acq On : 7 Oct 2016 5:25
Operator : UM/SJ
Sample : PB93815BL
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Oct 07 06:53:04 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 07 06:34:32 2016
Response via : Initial Calibration



TIC: BG024221.D

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

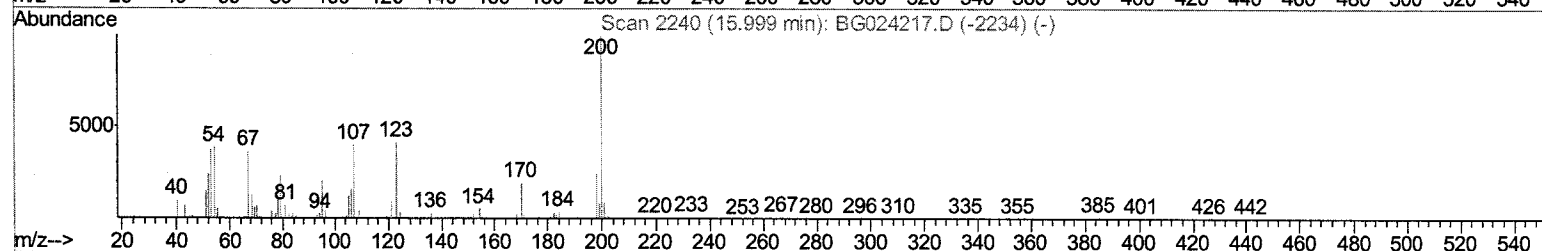
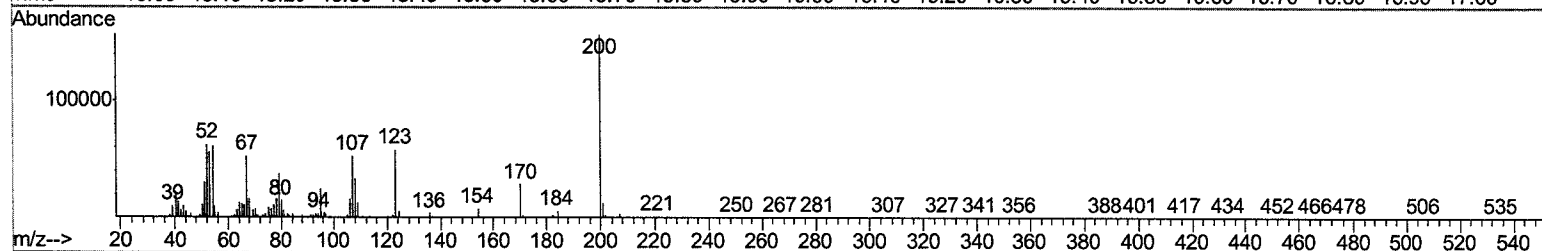
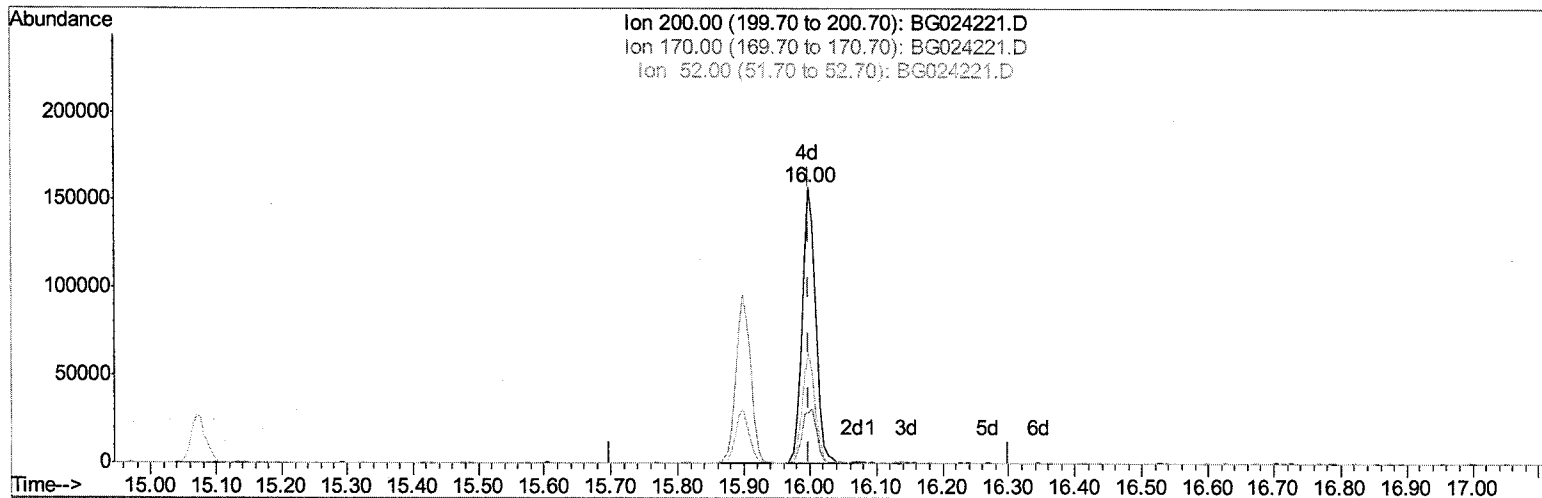
16.092min (+0.093) 0.06ng/ul

response 459

Ion	Exp%	Actual Integration percentage
200.00	100	100
170.00	15.20	0.00#
52.00	32.20	37.93
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100716\
Data File : BG024221.D
Acq On : 7 Oct 2016 5:25
Operator : UM/SJ
Sample : PB93815BL
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Oct 07 06:53:04 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 07 06:34:32 2016
Response via : Initial Calibration



TIC: BG024221.D

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

15.998min (-0.001) 31.28ng/ul m

UP

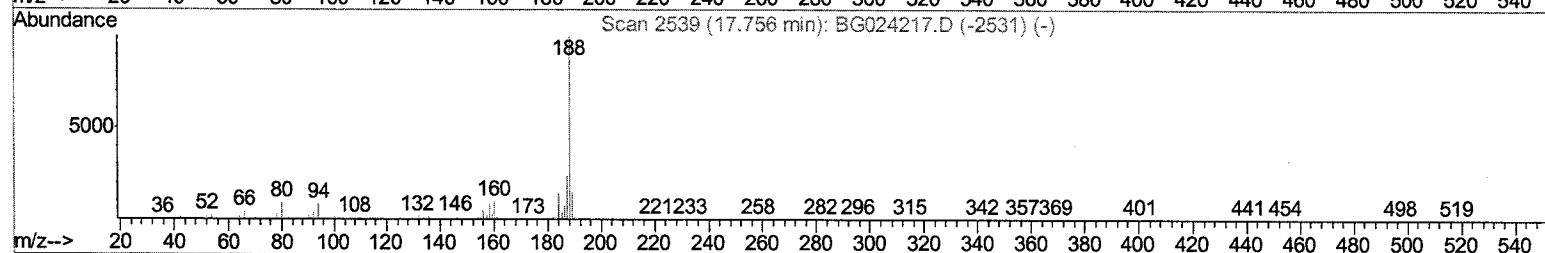
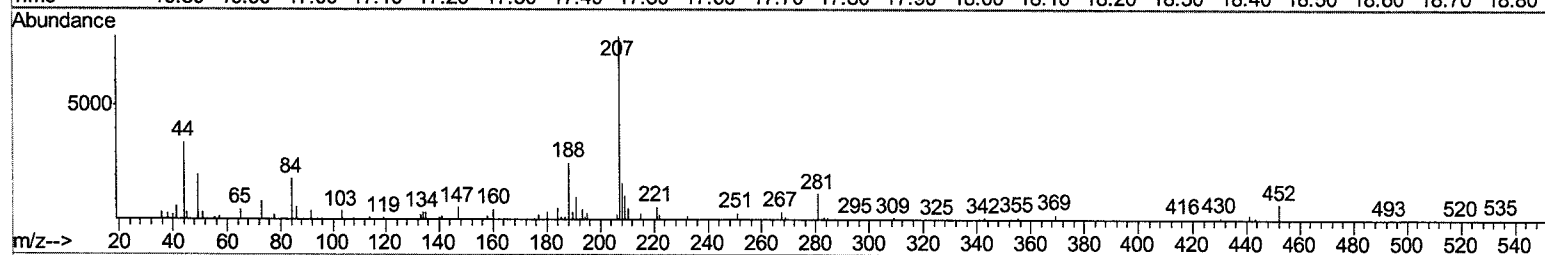
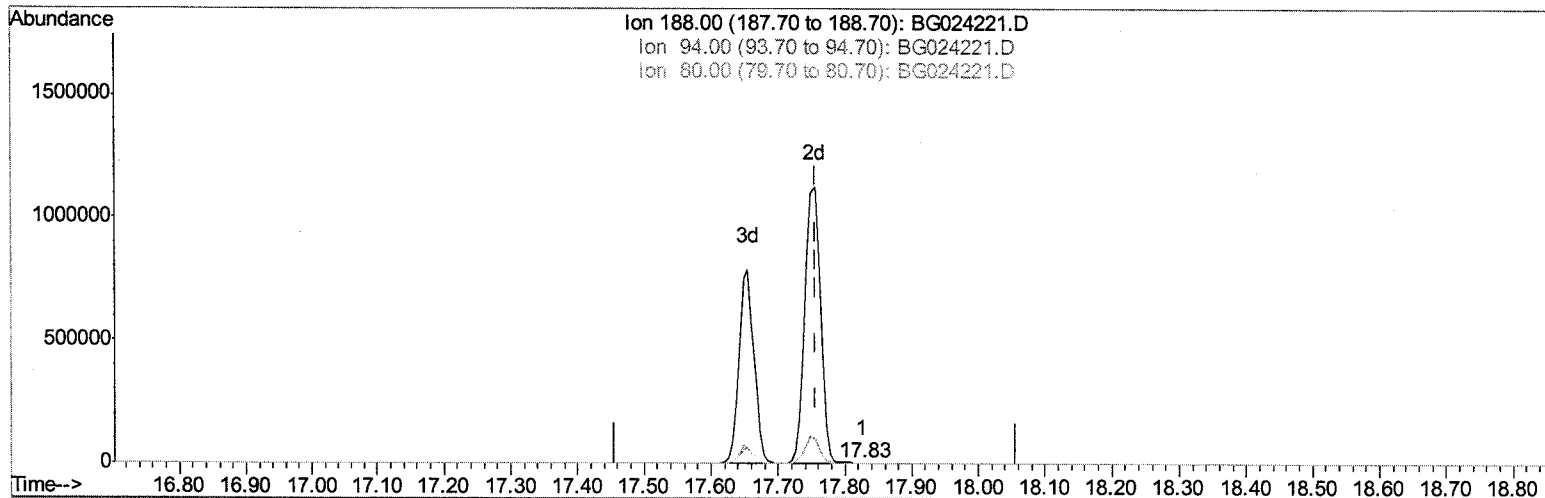
response 227312

10/07/16

Ion	Exp%	Actual Integration
200.00	100	100
170.00	15.20	18.40#
52.00	32.20	39.91#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100716\
Data File : BG024221.D
Acq On : 7 Oct 2016 5:25
Operator : UM/SJ
Sample : PB93815BL
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Oct 07 06:53:04 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 07 06:34:32 2016
Response via : Initial Calibration



TIC: BG024221.D

(70) Anthracene-d10 (S)

17.826min (+0.069) 0.04ng/ul

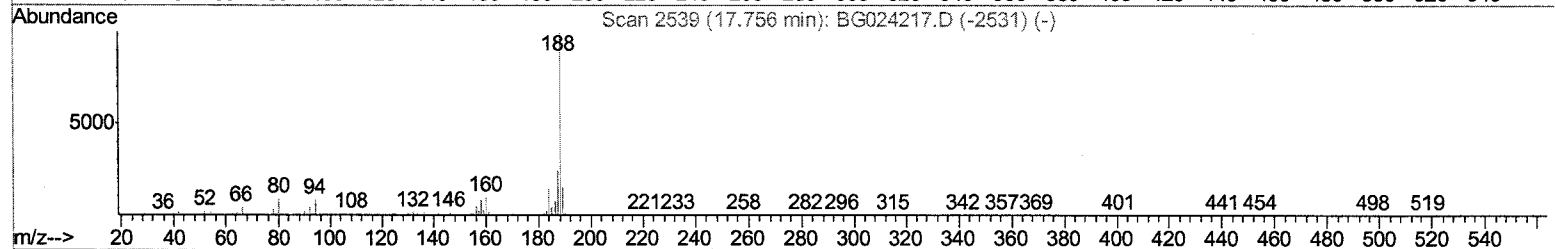
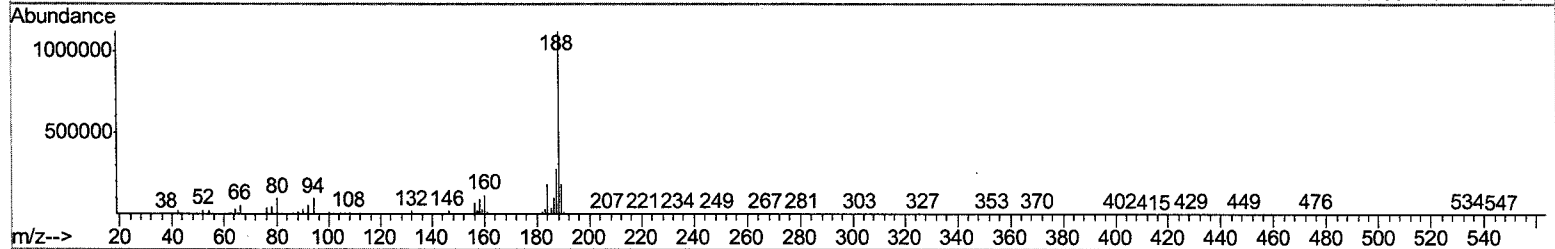
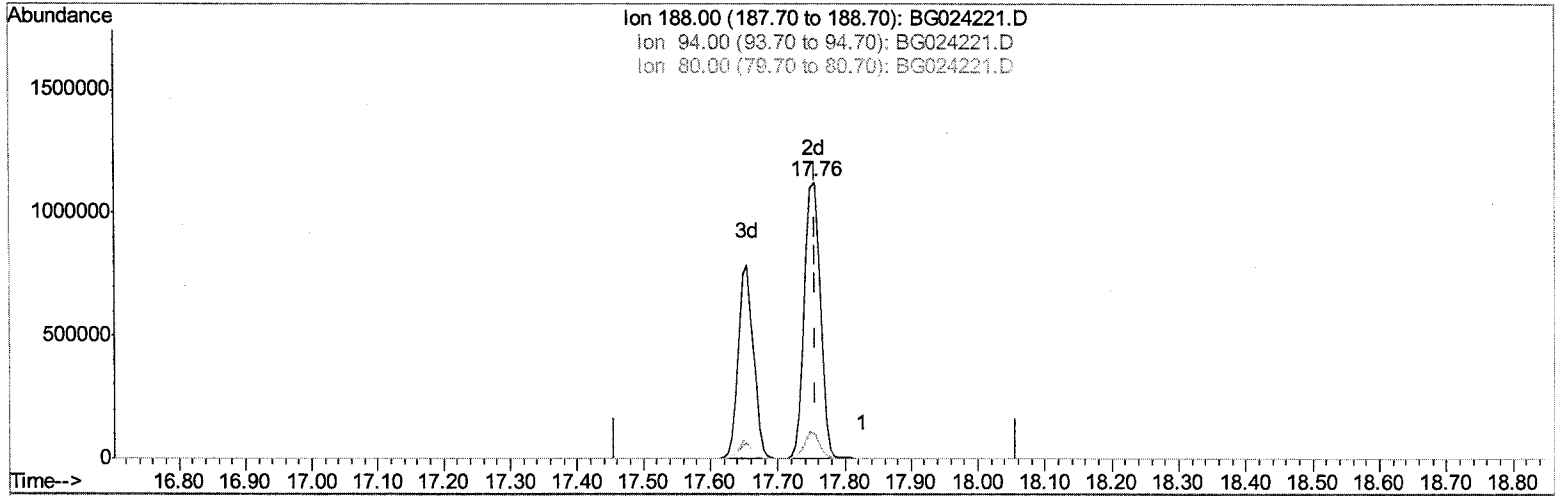
response 2236

Ion	Exp%	Actual
188.00	100	100
94.00	12.80	8.39#
80.00	11.90	8.58#
0.00	0.00	0.00



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100716\
Data File : BG024221.D
Acq On : 7 Oct 2016 5:25
Operator : UM/SJ
Sample : PB93815BL
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Oct 07 06:53:04 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 07 06:34:32 2016
Response via : Initial Calibration



TIC: BG024221.D

(70) Anthracene-d10 (S)

17.755min (-0.001) 33.76ng/ul m

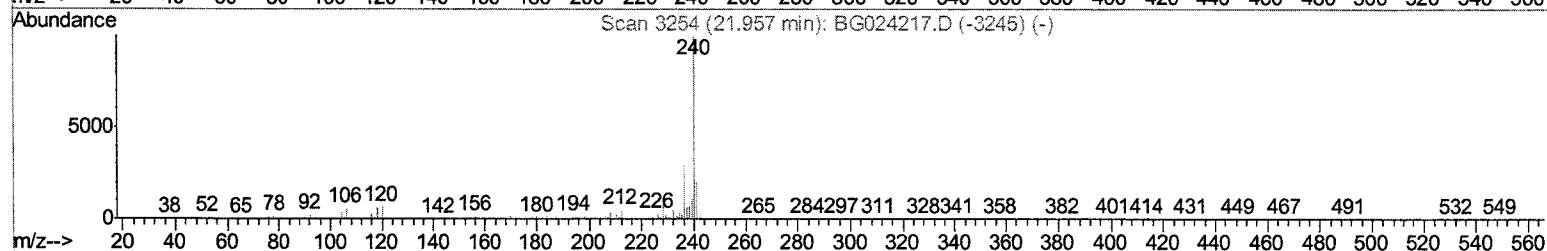
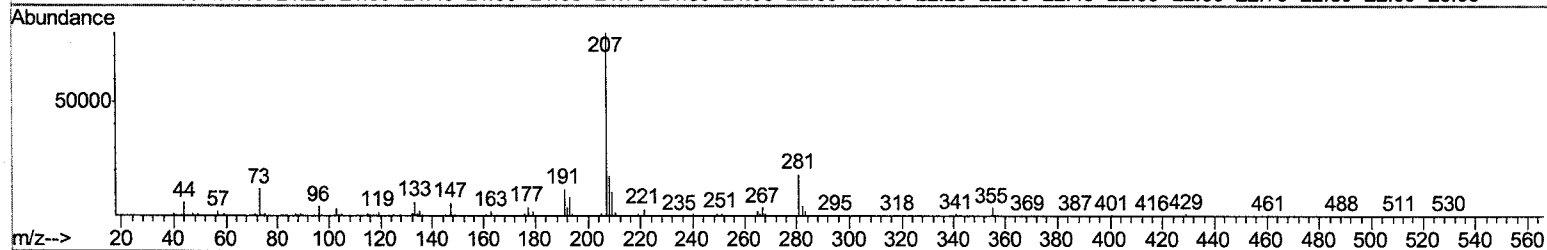
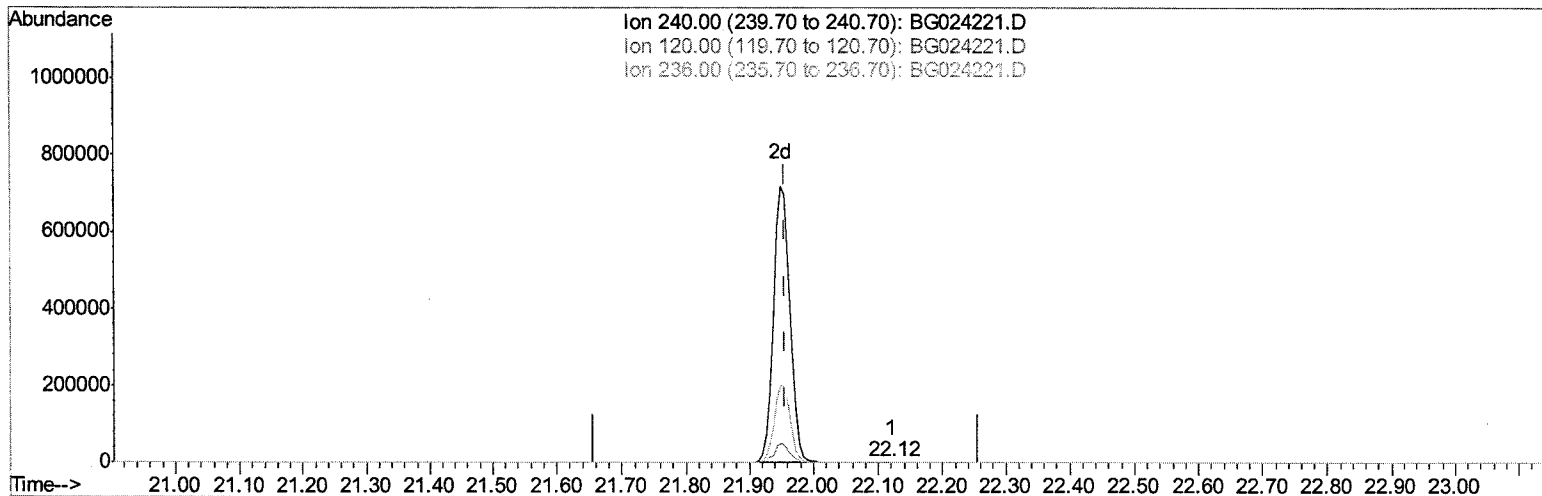
UM
10/03/16

response 1844240

Ion	Exp%	Actual%
188.00	100	100
94.00	12.80	8.74#
80.00	11.90	8.89#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100716\
Data File : BG024221.D
Acq On : 7 Oct 2016 5:25
Operator : UM/SJ
Sample : PB93815BL
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Oct 07 06:53:04 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 07 06:34:32 2016
Response via : Initial Calibration



TIC: BG024221.D

(75) Chrysene-d12 (I)

22.121min (+0.163) 20.00ng/ui

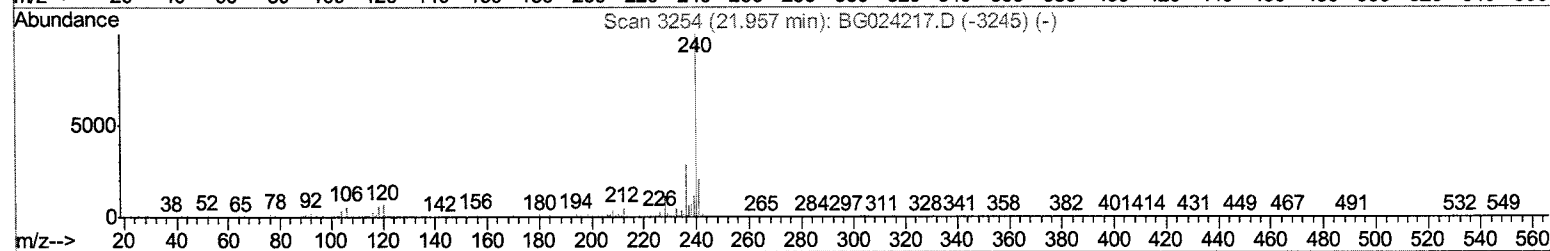
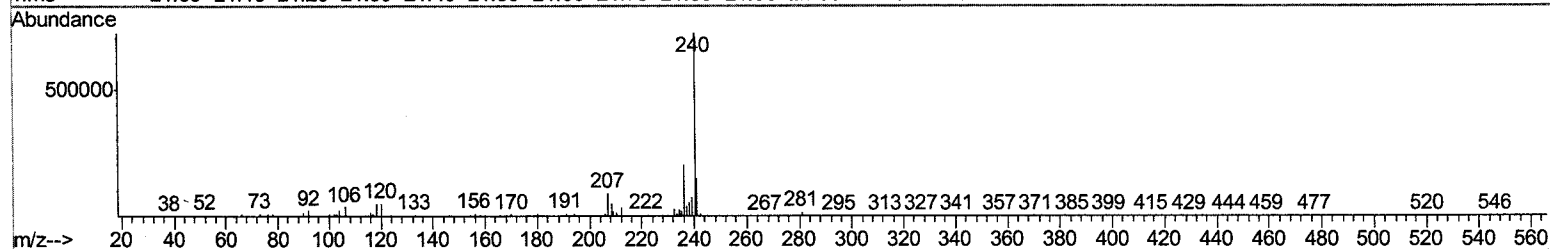
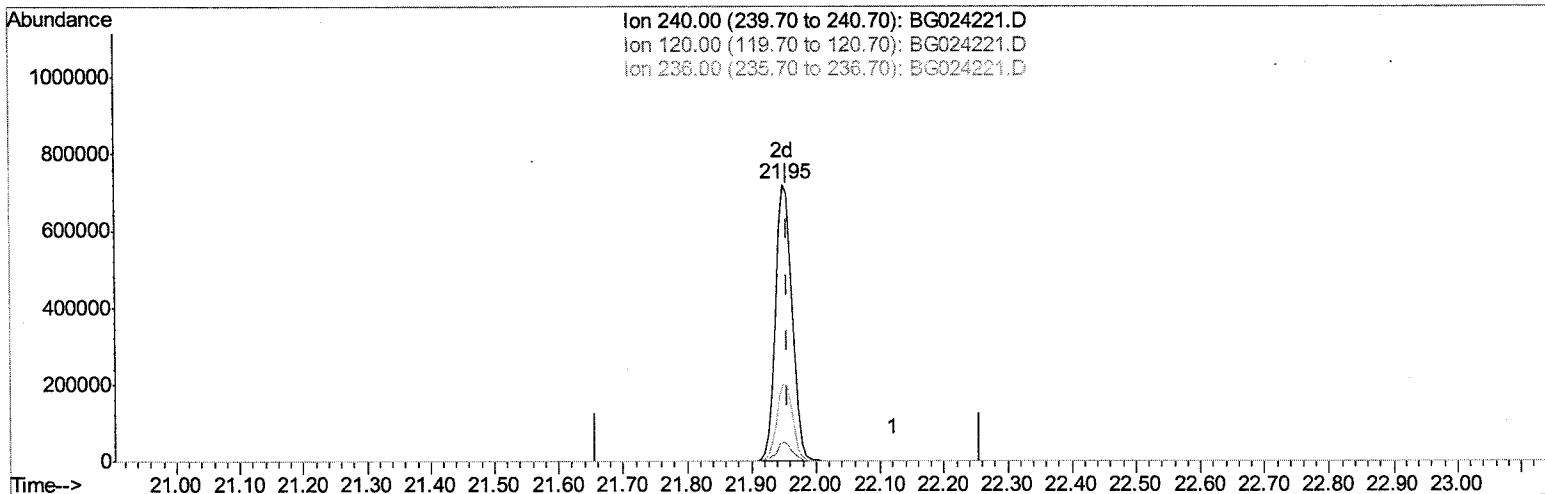
response 1934

Ion	Exp%	Actual
240.00	100	100
120.00	14.40	72.23#
236.00	26.10	15.12#
0.00	0.00	0.00



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100716\
Data File : BG024221.D
Acq On : 7 Oct 2016 5:25
Operator : UM/SJ
Sample : PB93815BL
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Oct 07 06:53:04 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 07 06:34:32 2016
Response via : Initial Calibration



TIC: BG024221.D

(75) Chrysene-d12 (I)

21.950min (-0.007) 20.00ng/ul m

UM

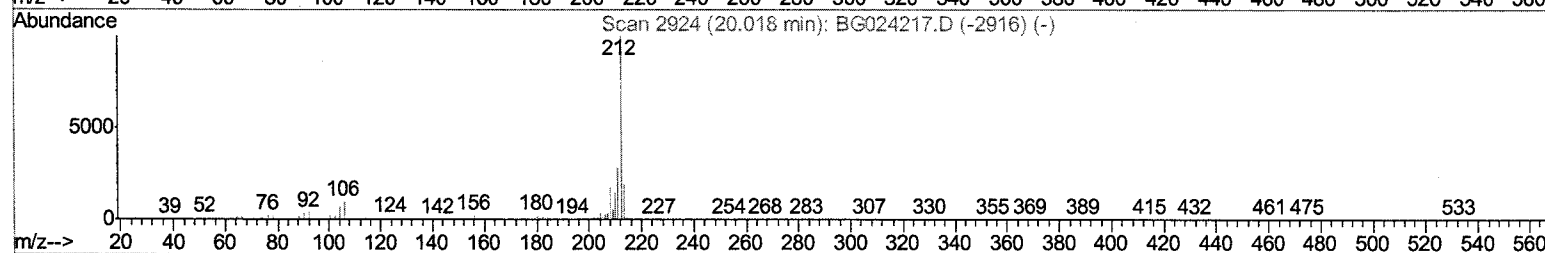
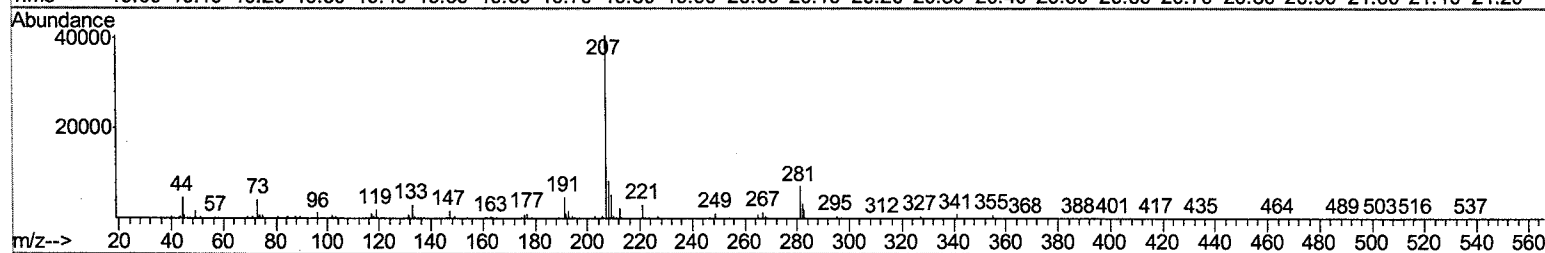
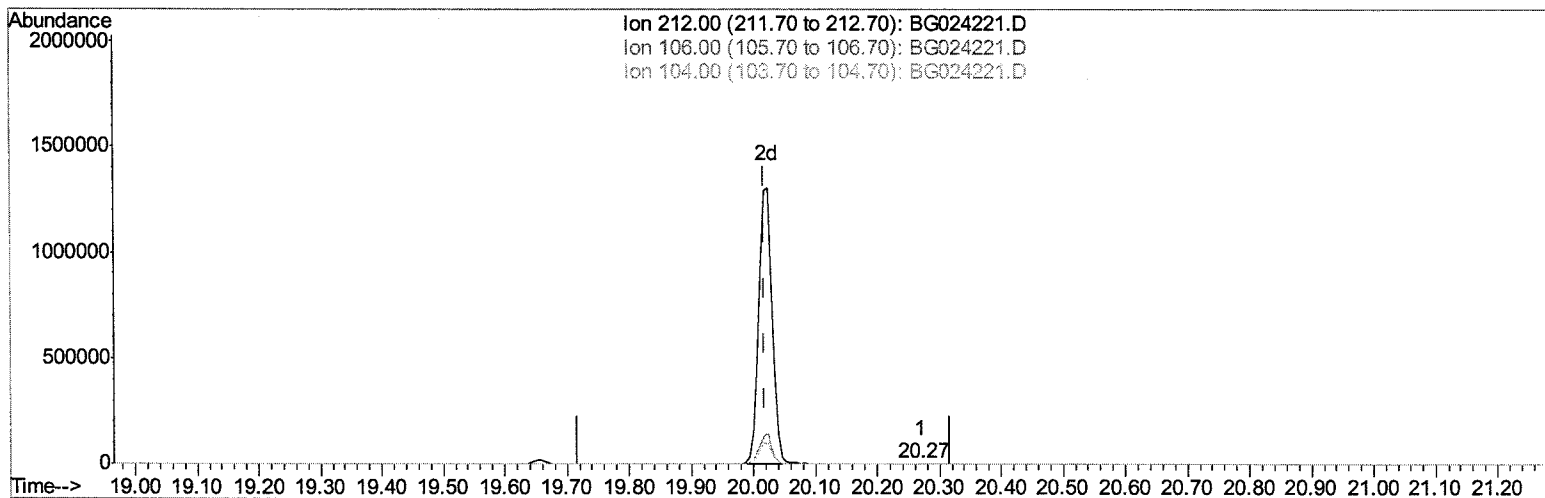
response 1293147

10/6/2016

Ion	Exp%	Manual Integration
240.00	100	100
120.00	14.40	7.05#
236.00	26.10	28.08
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100716\
Data File : BG024221.D
Acq On : 7 Oct 2016 5:25
Operator : UM/SJ
Sample : PB93815BL
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Oct 07 06:53:46 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 07 06:34:32 2016
Response via : Initial Calibration



TIC: BG024221.D

(76) Pyrene-d10 (S)

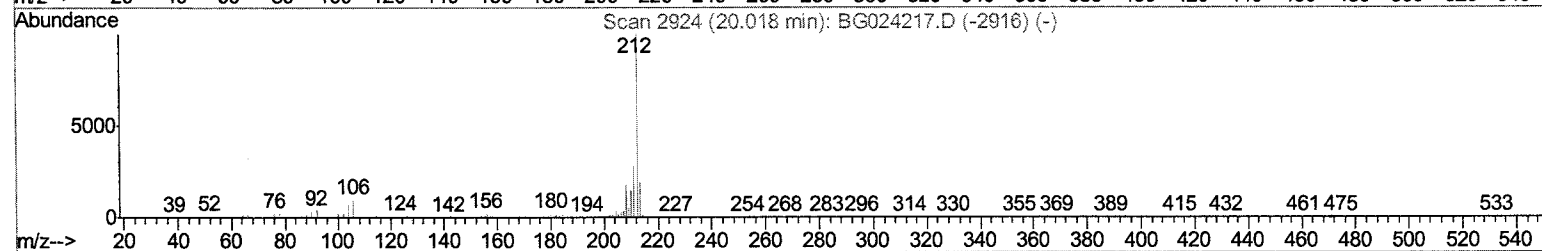
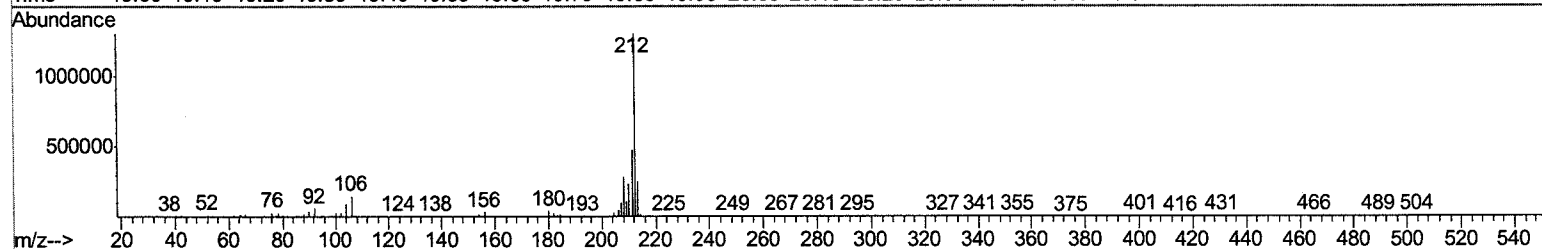
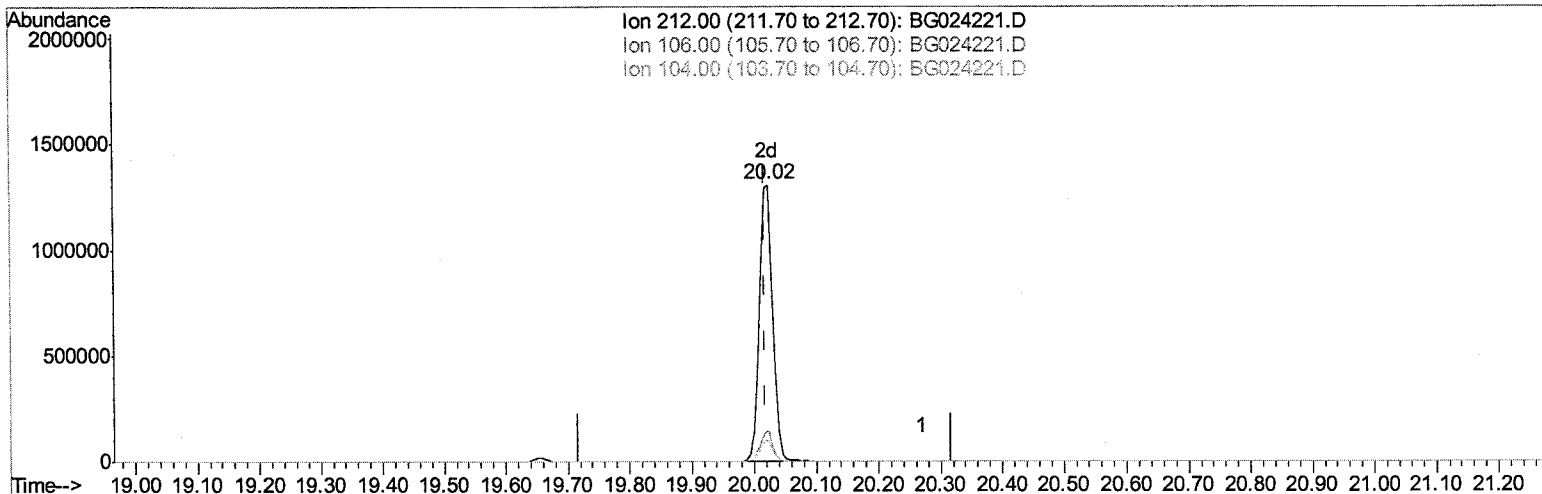
20.270min (+0.251) 0.05ng/ul

response 2788

Ion	Exp%	Manual Integration
212.00	100	100
106.00	18.40	0.00#
104.00	11.70	21.56#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100716\
Data File : BG024221.D
Acq On : 7 Oct 2016 5:25
Operator : UM/SJ
Sample : PB93815BL
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Oct 07 06:53:46 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 07 06:34:32 2016
Response via : Initial Calibration



TIC: BG024221.D

(76) Pyrene-d10 (S)

20.023min (+0.005) 33.73ng/ul m

response 2035772

Ion	Exp%	100
212.00	100	100
106.00	18.40	11.03#
104.00	11.70	7.13#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100716\
 Data File : BG024221.D
 Acq On : 7 Oct 2016 5:25
 Operator : UM/SJ
 Sample : PB93815BL
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Oct 07 06:54:05 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 07 06:34:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	159797	20.00	ng/ul	0.00
18) Naphthalene-d8	11.13	136	709883	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.92	164	569554	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.66	188	1209366m	20.00	ng/ul	0.00
75) Chrysene-d12	21.95	240	1293147m	20.00	ng/ul	0.00
83) Perylene-d12	25.41	264	1283037	20.00	ng/ul	0.00

3 um
10/07/16

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.65	96	23002	6.84	ng/uL	0.00
5) Phenol-d5	7.43	99	459378	30.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.61	67	317523	31.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.82	132	334769	32.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.98	113	387376	32.14	ng/ul	0.00
19) Nitrobenzene-d5	9.47	128	169884	33.72	ng/ul	0.00
22) 2-Nitrophenol-d4	10.20	143	201371	35.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.73	165	373733	30.44	ng/ul	0.00
29) 4-Chloroaniline-d4	11.26	131	507518m	39.35	ng/ul	0.00
43) Dimethylphthalate-d6	14.31	166	1321411	33.23	ng/ul	0.00
46) Acenaphthylene-d8	14.61	160	1525775	33.49	ng/ul	0.00
51) 4-Nitrophenol-d4	15.08	143	224998	31.91	ng/ul	0.00
57) Fluorene-d10	15.90	176	1224573	32.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.00	200	227312m	31.28	ng/ul	0.00
70) Anthracene-d10	17.76	188	1844249m	33.76	ng/ul	0.00
76) Pyrene-d10	20.02	212	2035773m	33.73	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.17	264	1991551	34.50	ng/ul	0.00

um
10/07/16

Target Compounds Qvalue

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

