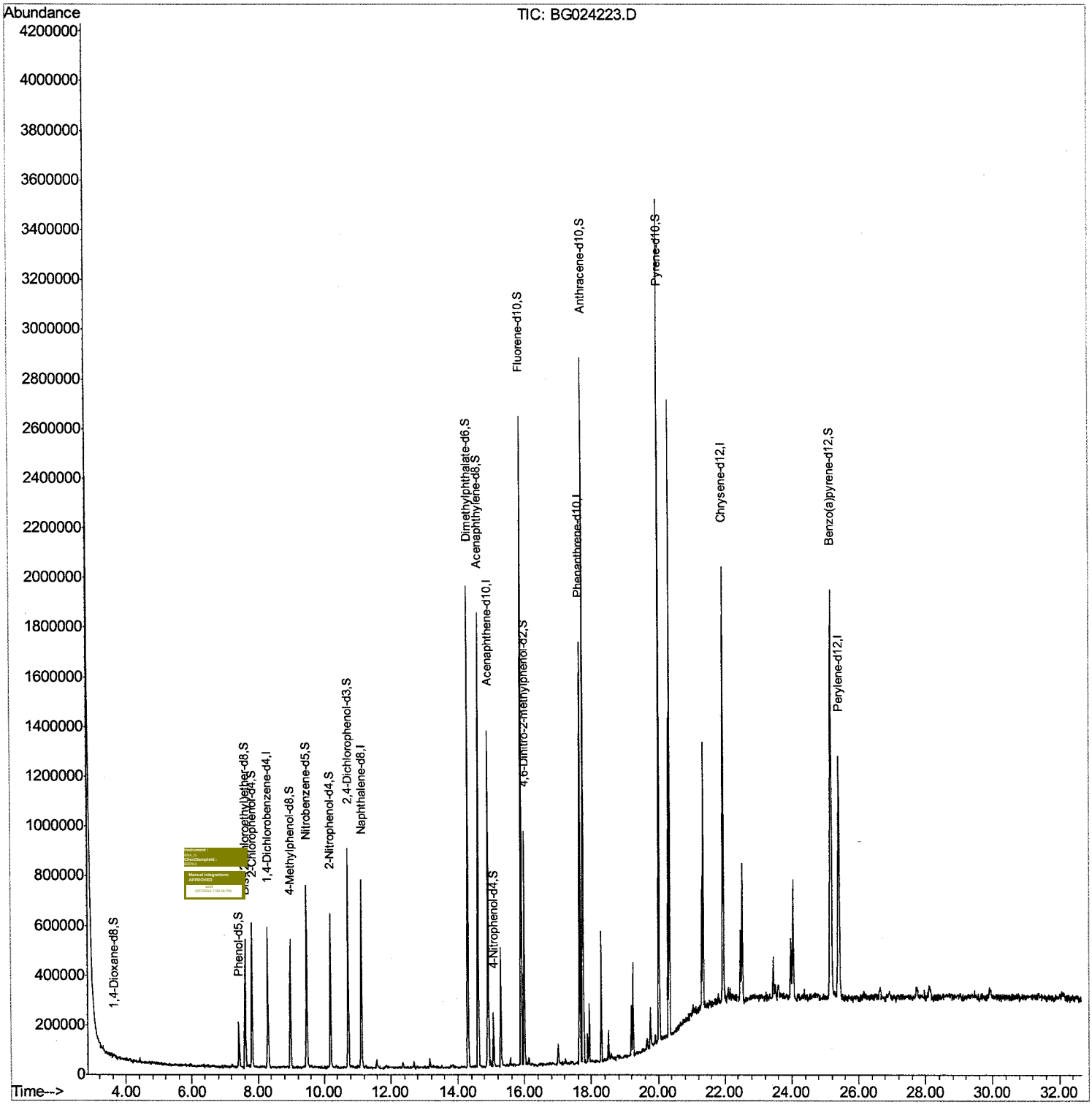
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG100716\
Data File : BG024223.D
Acq On : 7 Oct 2016 6:42
Operator : UM/SJ
Sample : H5082-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

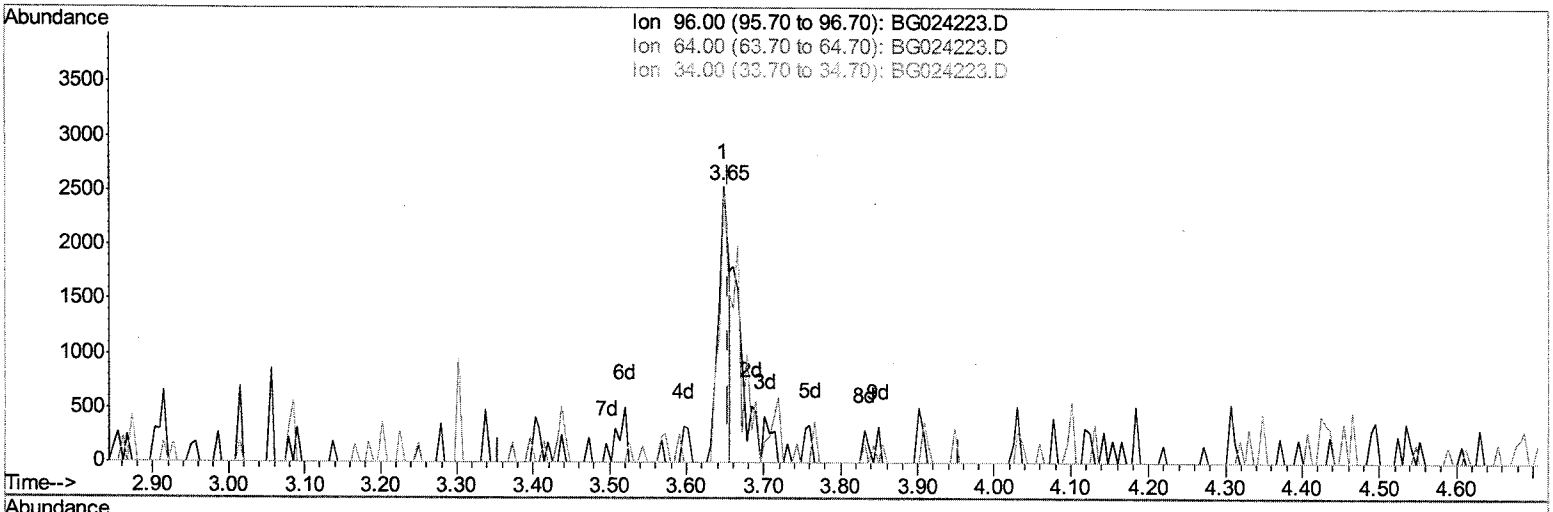
Quant Time: Oct 07 11:58:47 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 07 06:34:32 2016
Response via : Initial Calibration

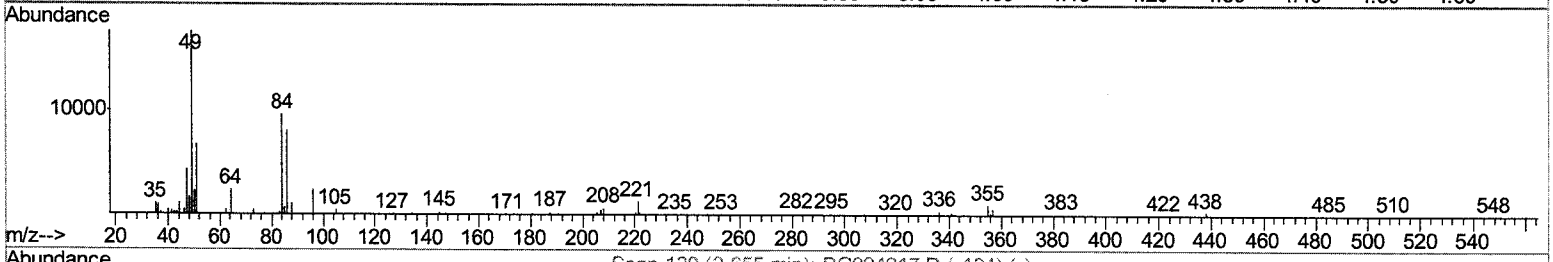


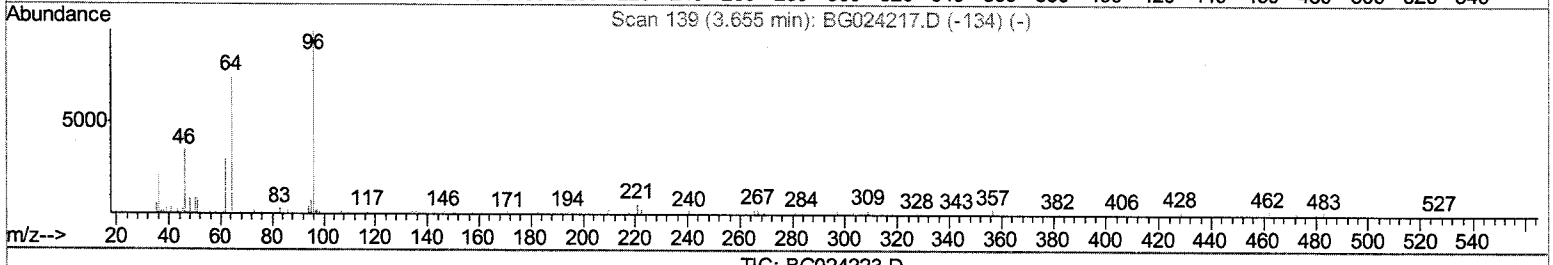
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG100716\
Data File : BG024223.D
Acq On : 7 Oct 2016 6:42
Operator : UM/SJ
Sample : H5082-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Oct 07 11:54:28 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: BG024223.D

(3) 1,4-Dioxane-d8 (S)

3.649min (-0.006) 0.83ng/uL

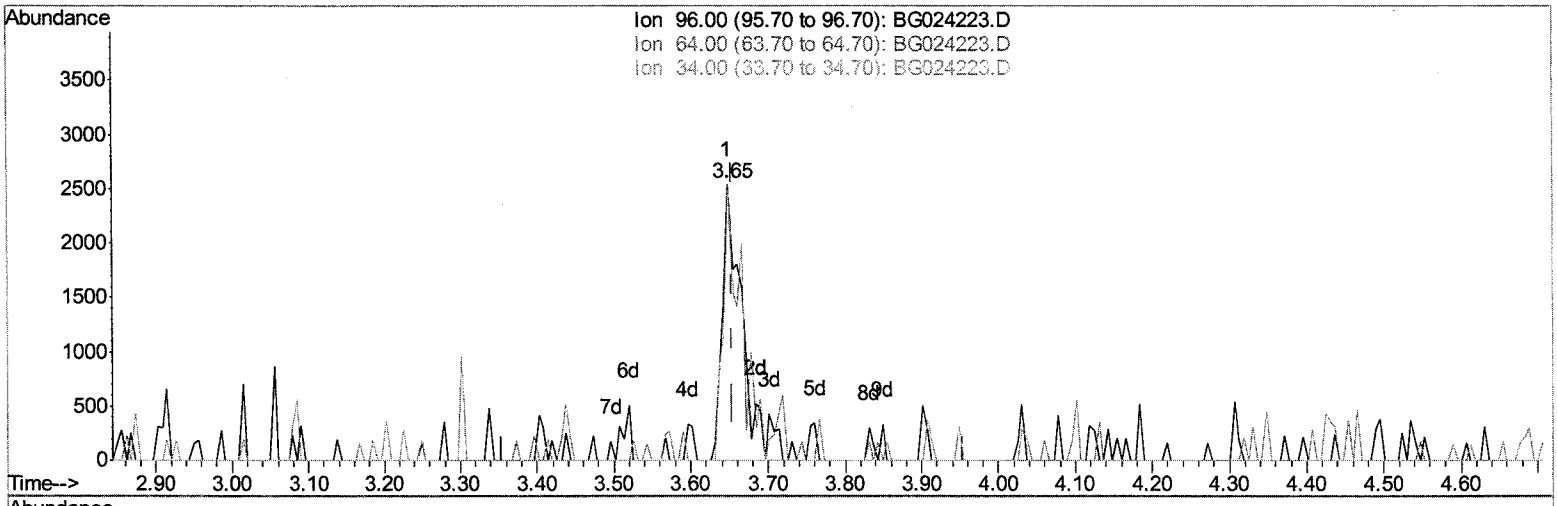
response 2378

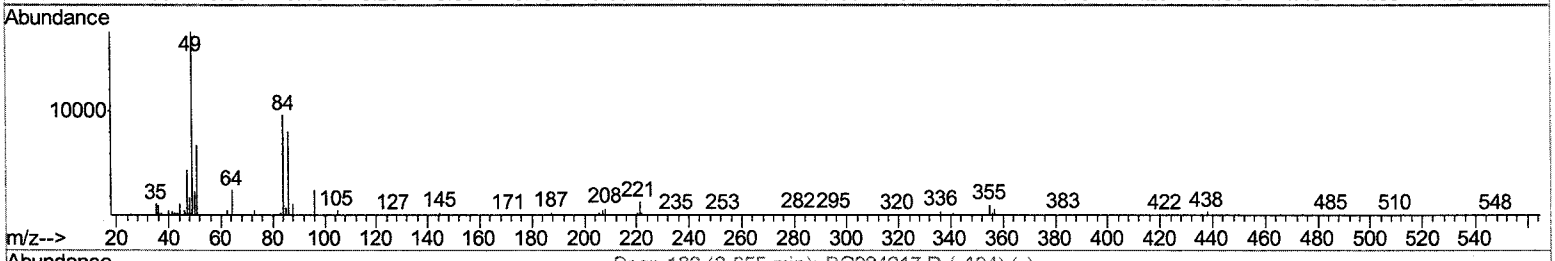
Ion	Exp%	
96.00	100	100
64.00	65.00	97.64#
34.00	0.00	0.00
0.00	0.00	0.00

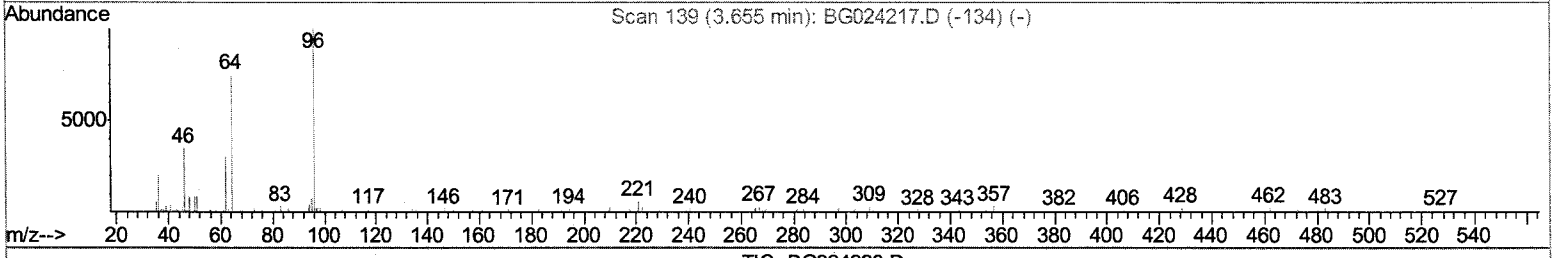
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG100716\
Data File : BG024223.D
Acq On : 7 Oct 2016 6:42
Operator : UM/SJ
Sample : H5082-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Oct 07 11:54:28 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: BG024223.D

(3) 1,4-Dioxane-d8 (S)

3.649min (-0.006) 1.52ng/uL m

response 4338

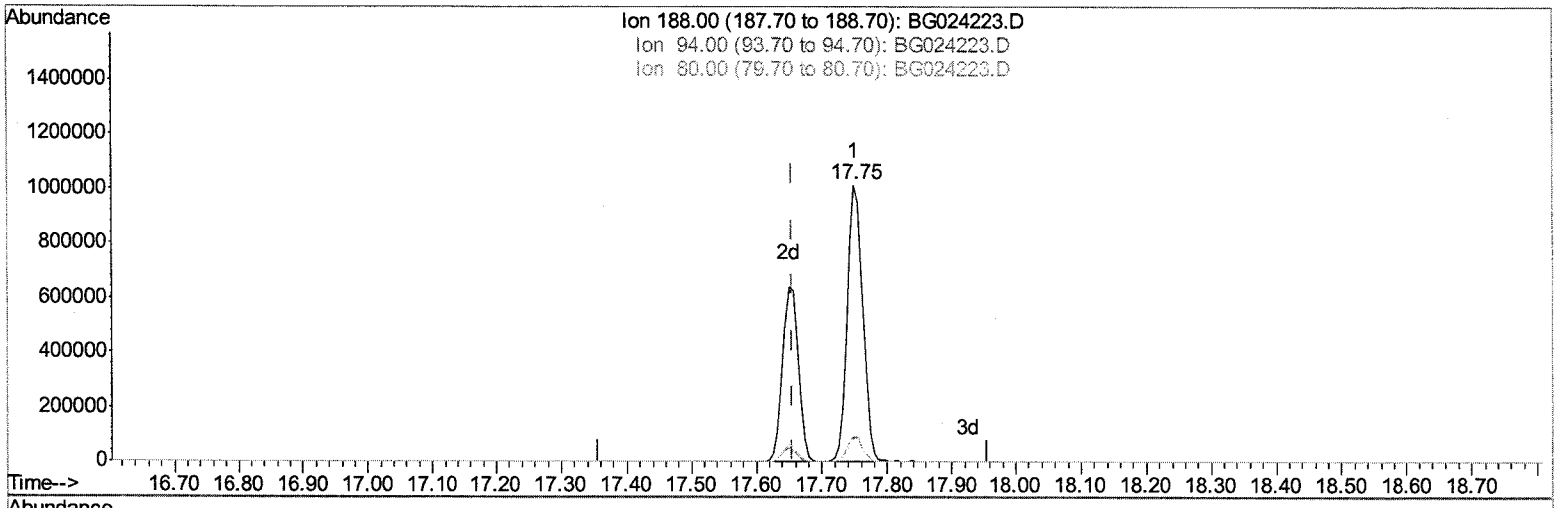
Ion	Exp%	
96.00	100	100
64.00	65.00	97.64#
34.00	0.00	0.00
0.00	0.00	0.00

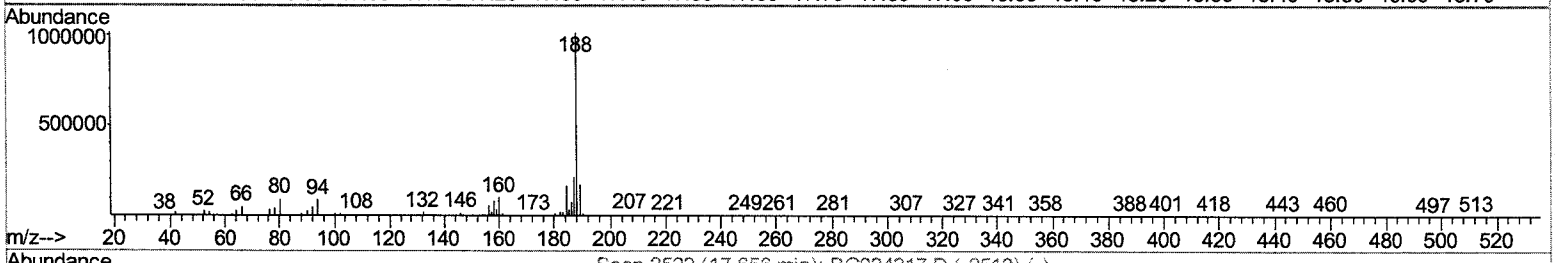
UM
10/07/16

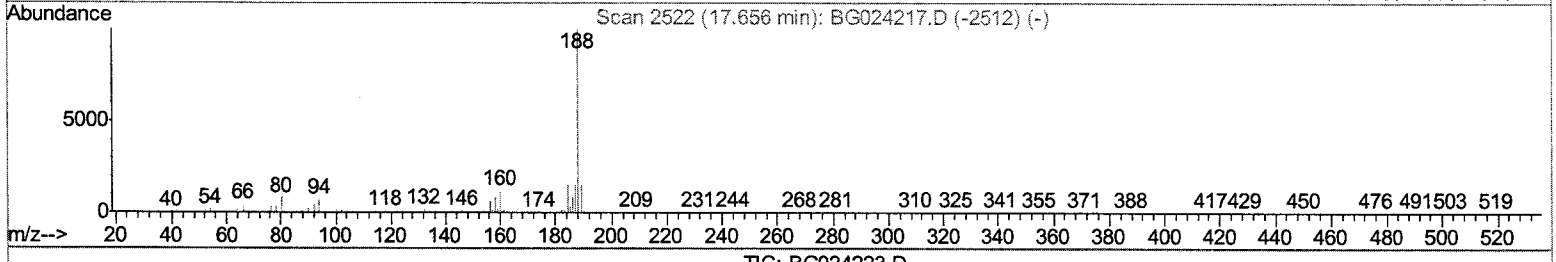
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG100716\
Data File : BG024223.D
Acq On : 7 Oct 2016 6:42
Operator : UM/SJ
Sample : H5082-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Oct 07 11:54:28 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: BG024223.D

(61) Phenanthrene-d10 (I)

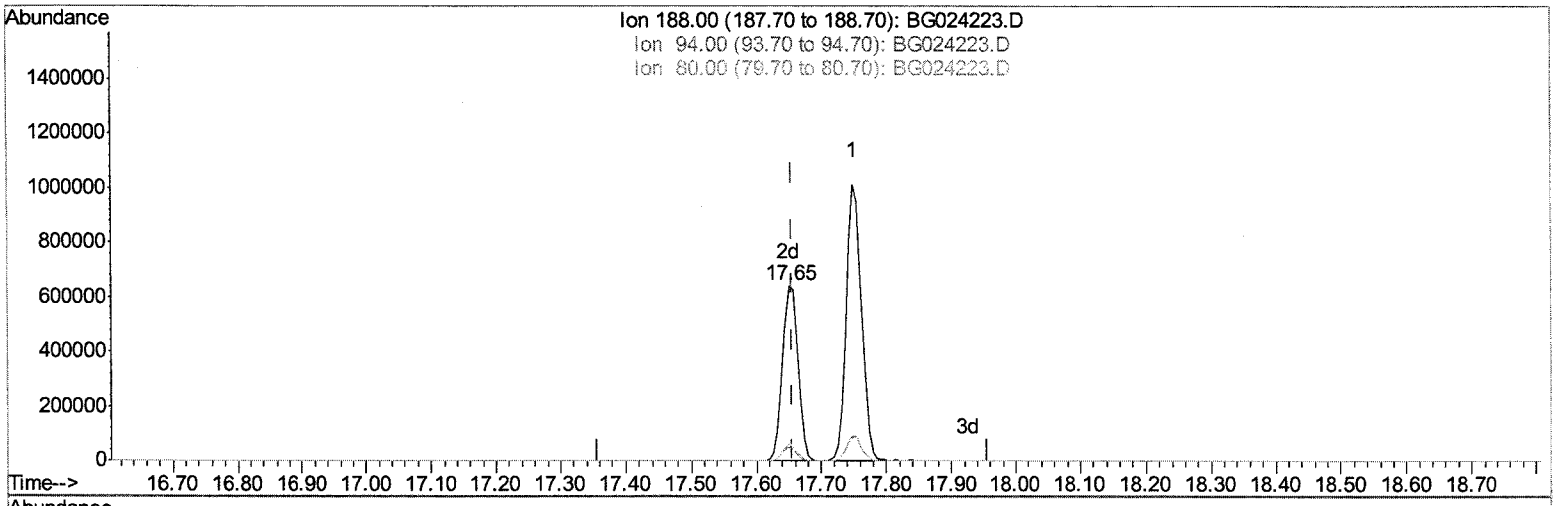
17.750min (+0.094) 20.00ng/ul

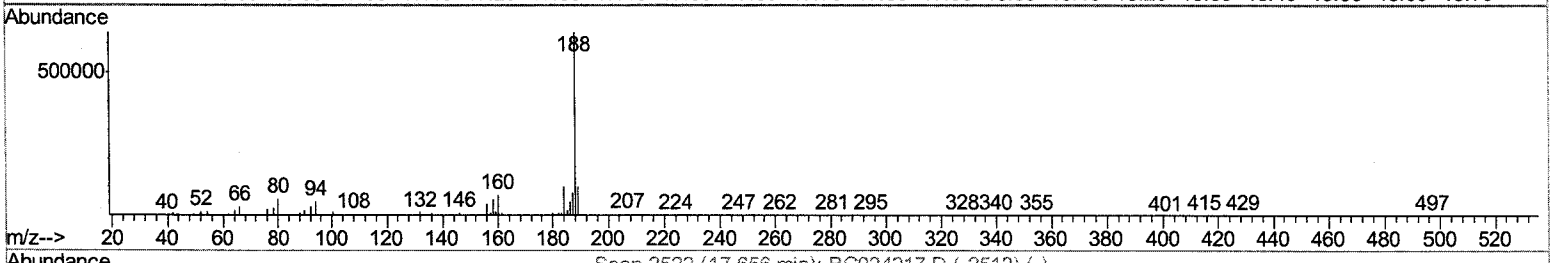
response 1631990

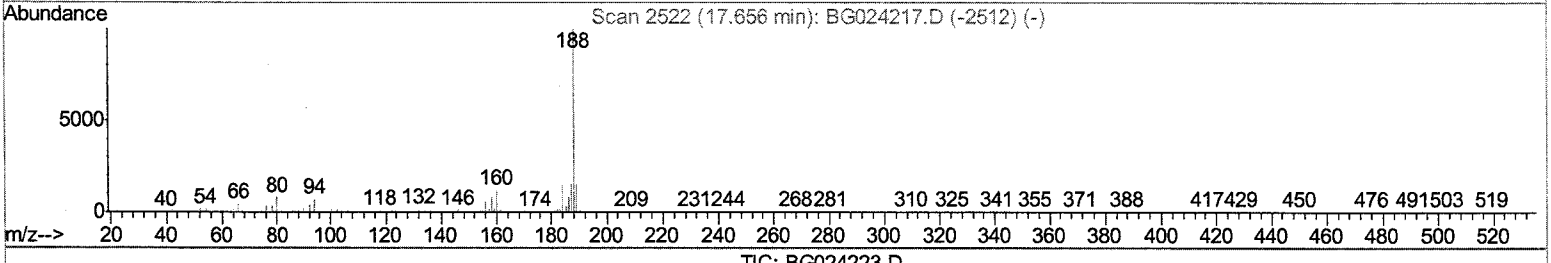
Ion	Exp%	
188.00	100	100
94.00	10.30	8.83
80.00	10.90	9.10
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG100716\
Data File : BG024223.D
Acq On : 7 Oct 2016 6:42
Operator : UM/SJ
Sample : H5082-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Oct 07 11:54:28 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: BG024223.D

(61) Phenanthrene-d10 (I)

17.650min (-0.006) 20.00ng/ul m

UM
10/07/16

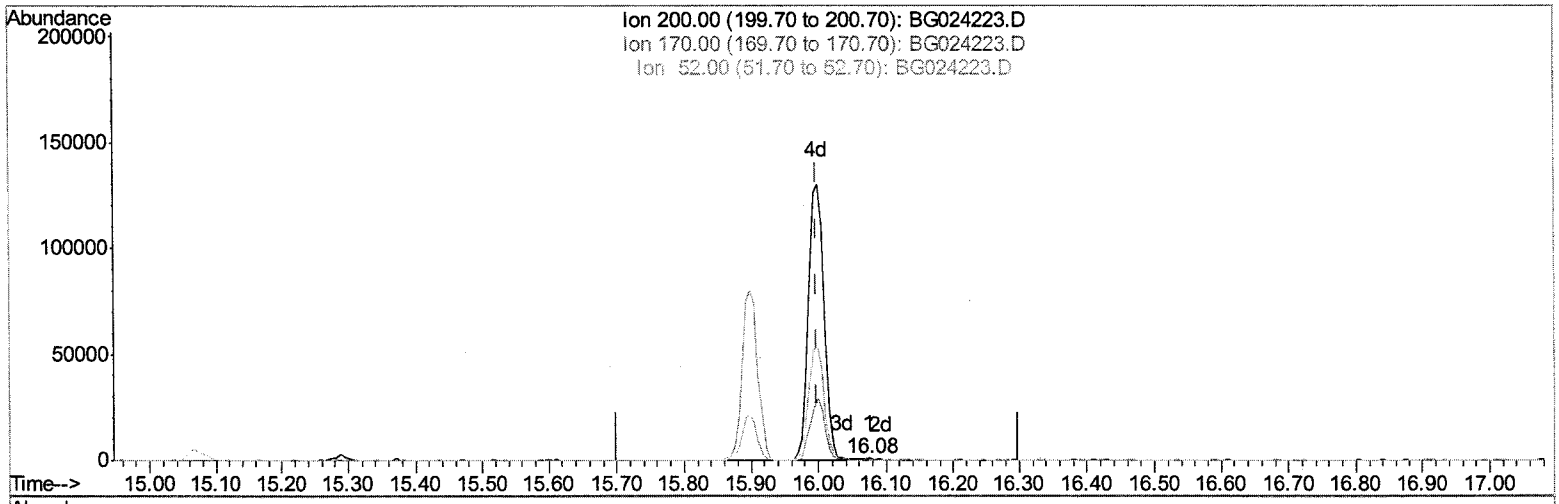
response 1033390

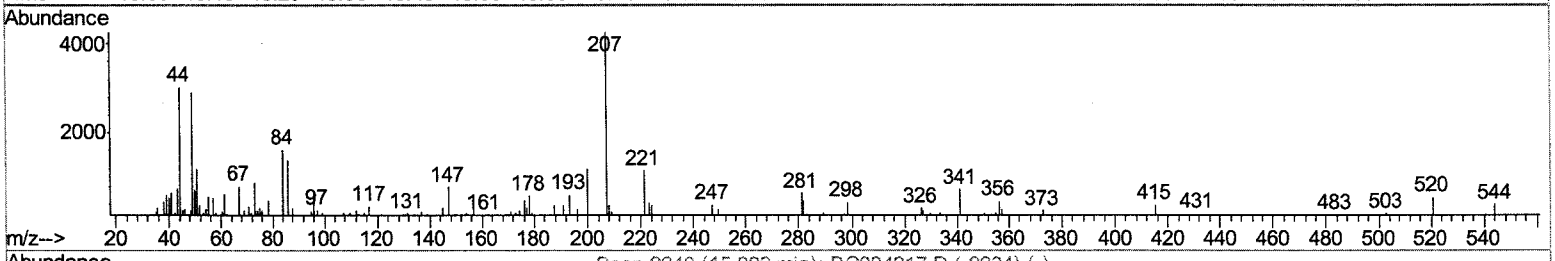
Ion	Exp%	
188.00	100	100
94.00	10.30	7.89#
80.00	10.90	9.23
0.00	0.00	0.00

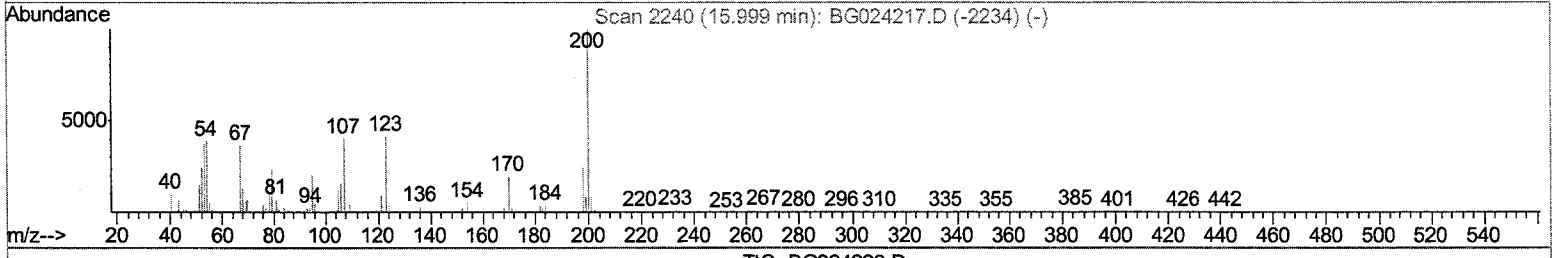
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG100716\
Data File : BG024223.D
Acq On : 7 Oct 2016 6:42
Operator : UM/SJ
Sample : H5082-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Oct 07 11:57:01 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: BG024223.D

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

16.076min (+0.076) 0.12ng/ul

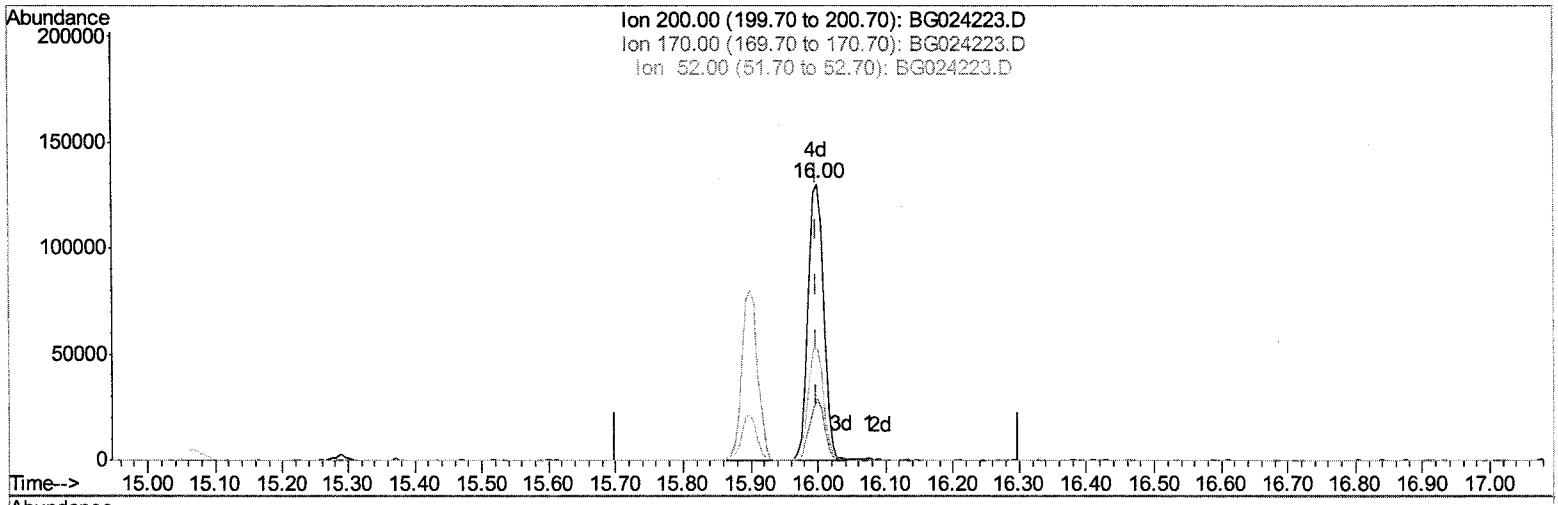
response 752

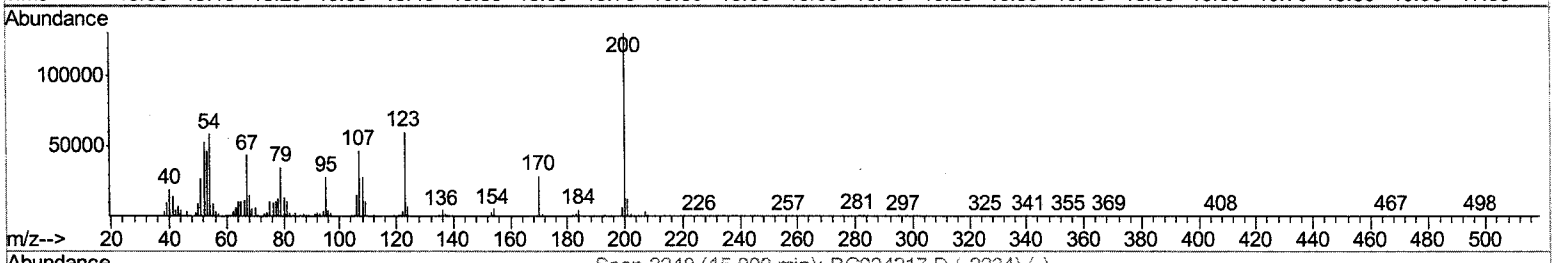
Ion	Exp%	
200.00	100	100
170.00	15.20	14.49
52.00	32.20	31.53
0.00	0.00	0.00

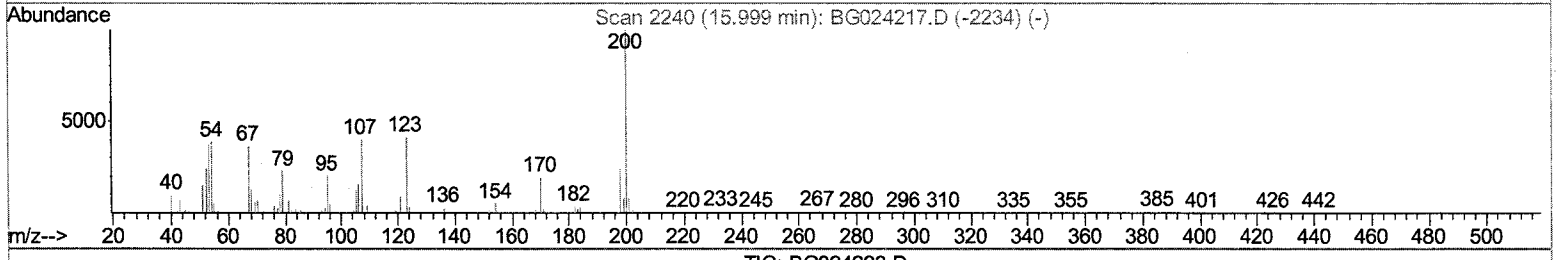
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG100716\
Data File : BG024223.D
Acq On : 7 Oct 2016 6:42
Operator : UM/SJ
Sample : H5082-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Oct 07 11:57:01 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: BG024223.D

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

15.999min (-0.000) 33.35ng/ul m

UM
10/6/16

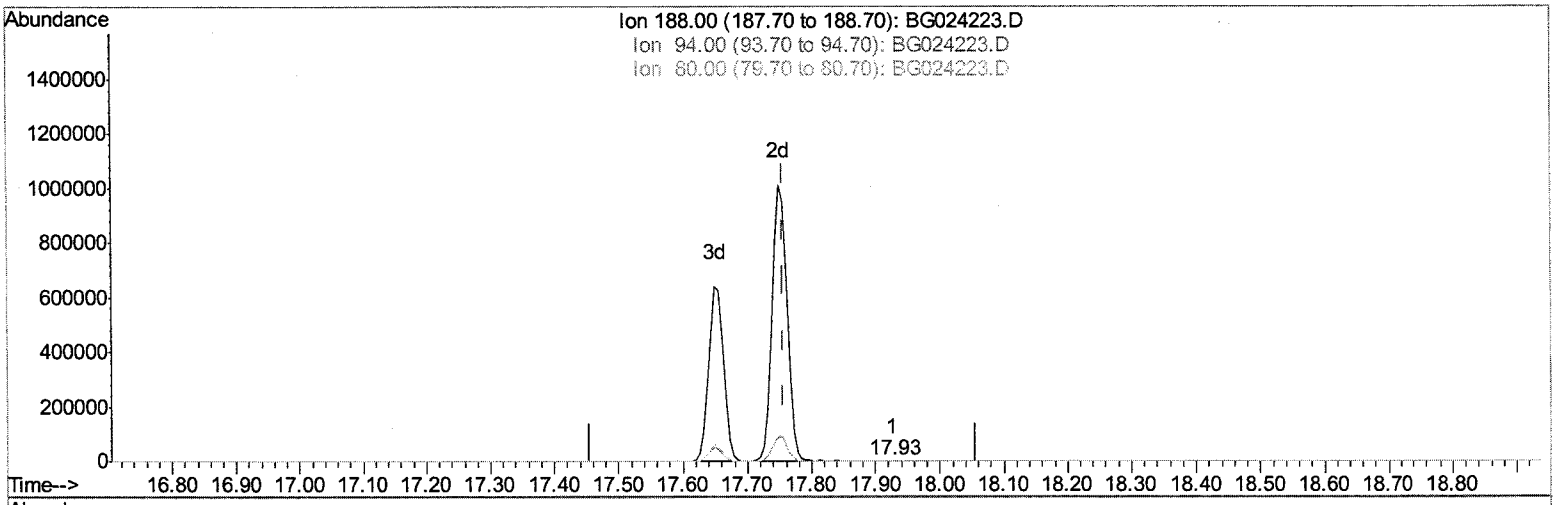
response 207099

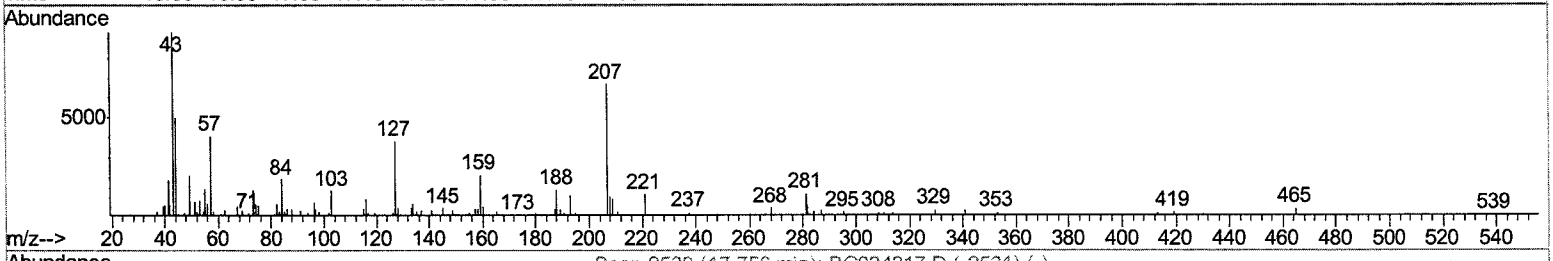
Ion	Exp%	
200.00	100	100
170.00	15.20	22.23#
52.00	32.20	40.61#
0.00	0.00	0.00

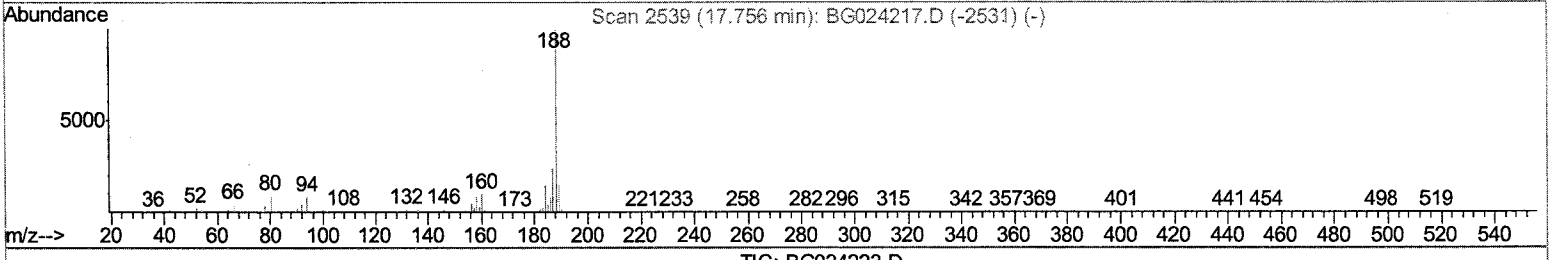
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG100716\
Data File : BG024223.D
Acq On : 7 Oct 2016 6:42
Operator : UM/SJ
Sample : H5082-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Oct 07 11:57:01 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: BG024223.D

(70) Anthracene-d10 (S)

17.926min (+0.170) 0.04ng/ul

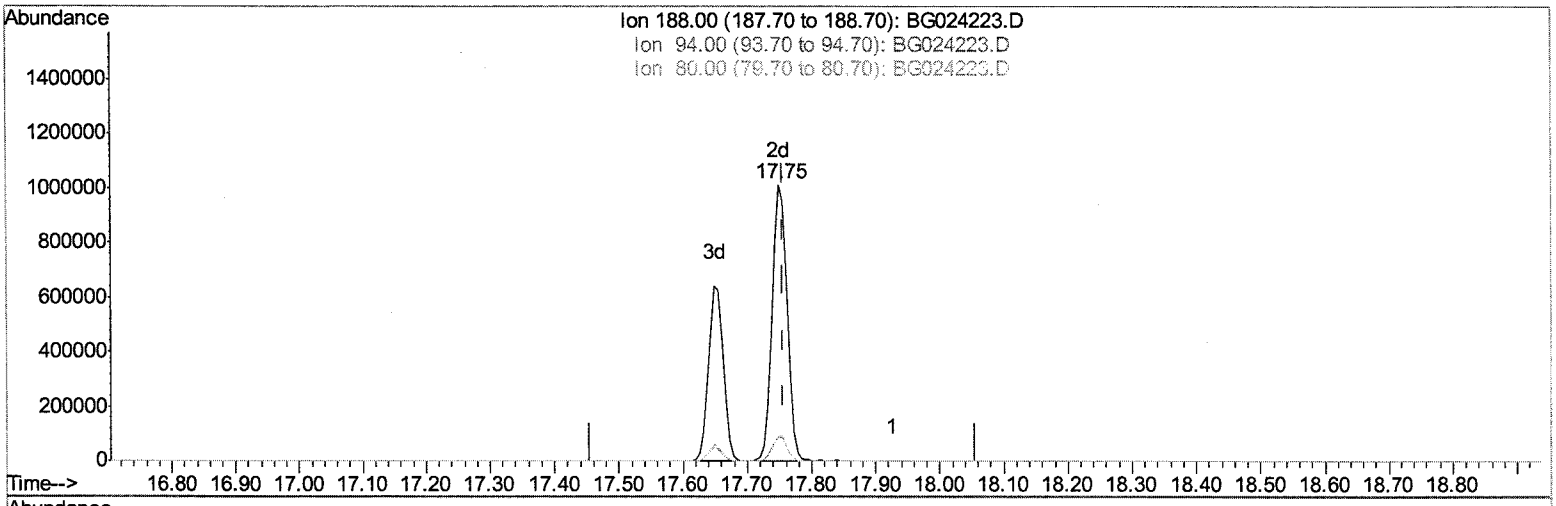
response 1917

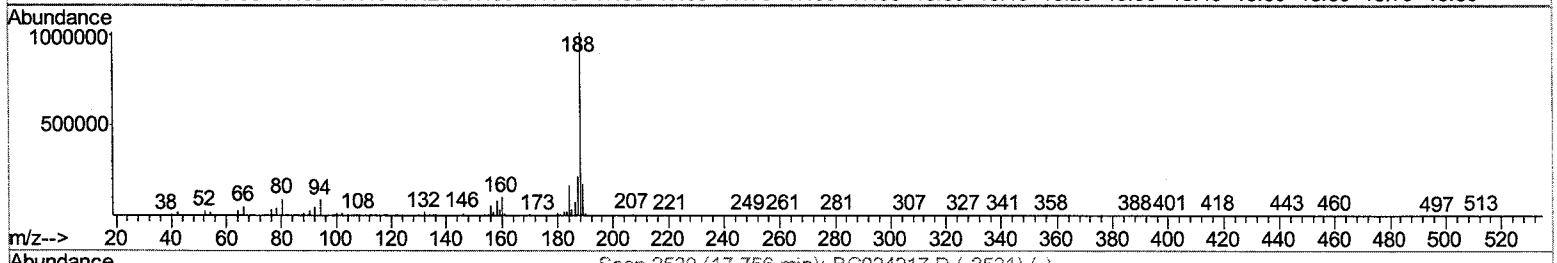
Ion	Exp%	
188.00	100	100
94.00	12.80	20.92#
80.00	11.90	0.00#
0.00	0.00	0.00

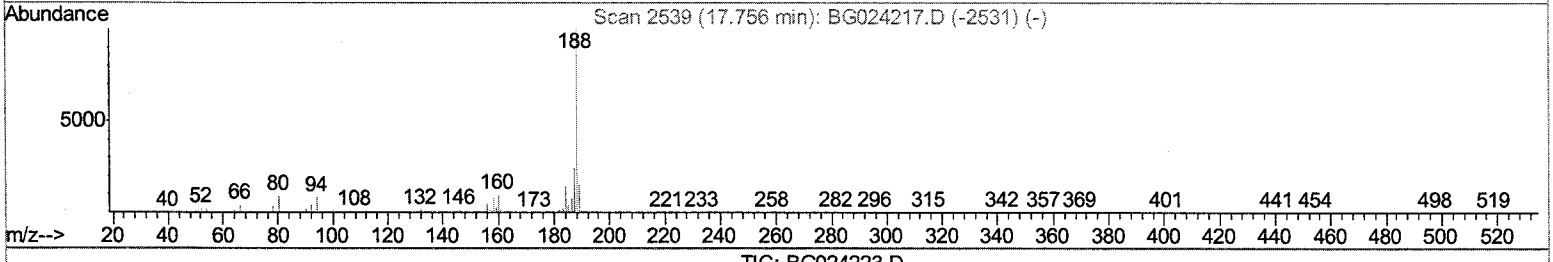
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG100716\
Data File : BG024223.D
Acq On : 7 Oct 2016 6:42
Operator : UM/SJ
Sample : H5082-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Oct 07 11:57:01 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: BG024223.D

(70) Anthracene-d10 (S)

17.750min (-0.006) 35.01ng/ul m

UM
10/07/16

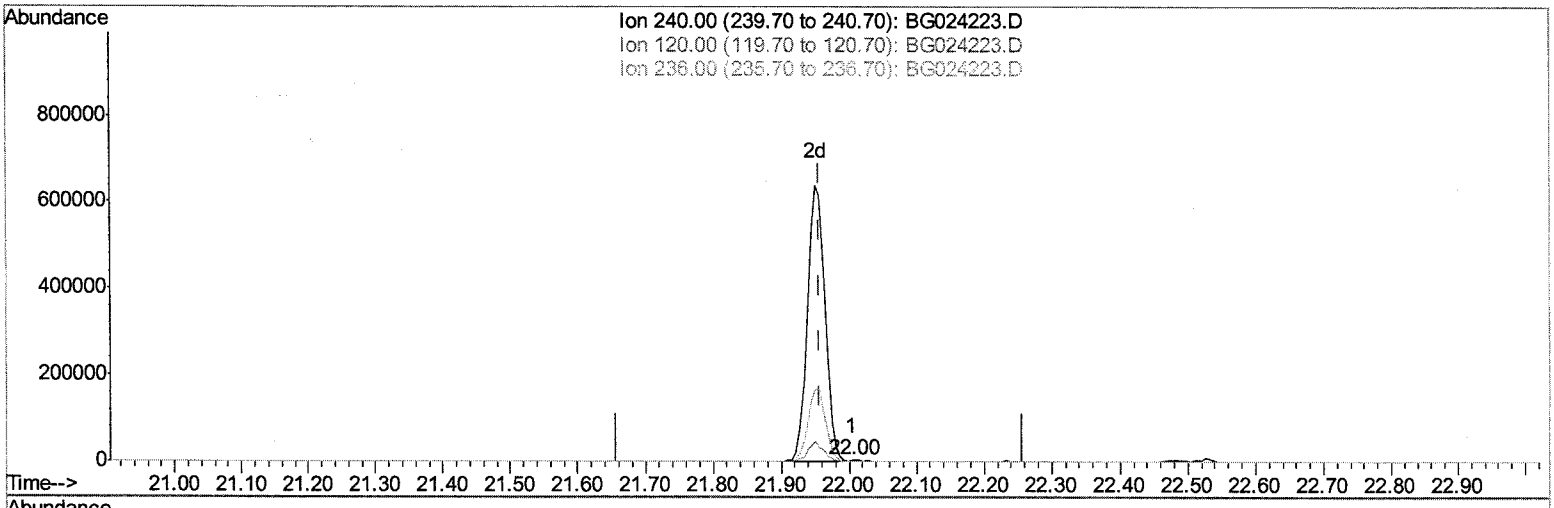
response 1634078

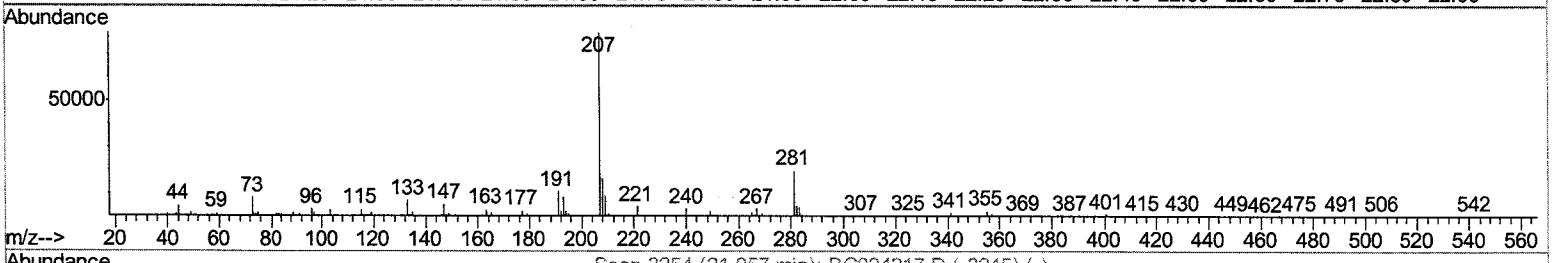
Ion	Exp%	
188.00	100	100
94.00	12.80	8.83#
80.00	11.90	9.10#
0.00	0.00	0.00

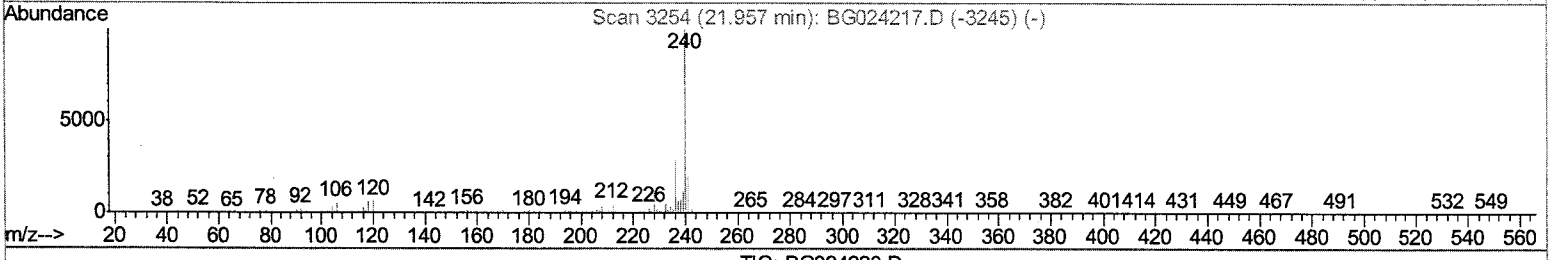
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG100716\
Data File : BG024223.D
Acq On : 7 Oct 2016 6:42
Operator : UM/SJ
Sample : H5082-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Oct 07 11:57:01 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: BG024223.D

(75) Chrysene-d12 (I)

22.004min (+0.047) 20.00ng/ul

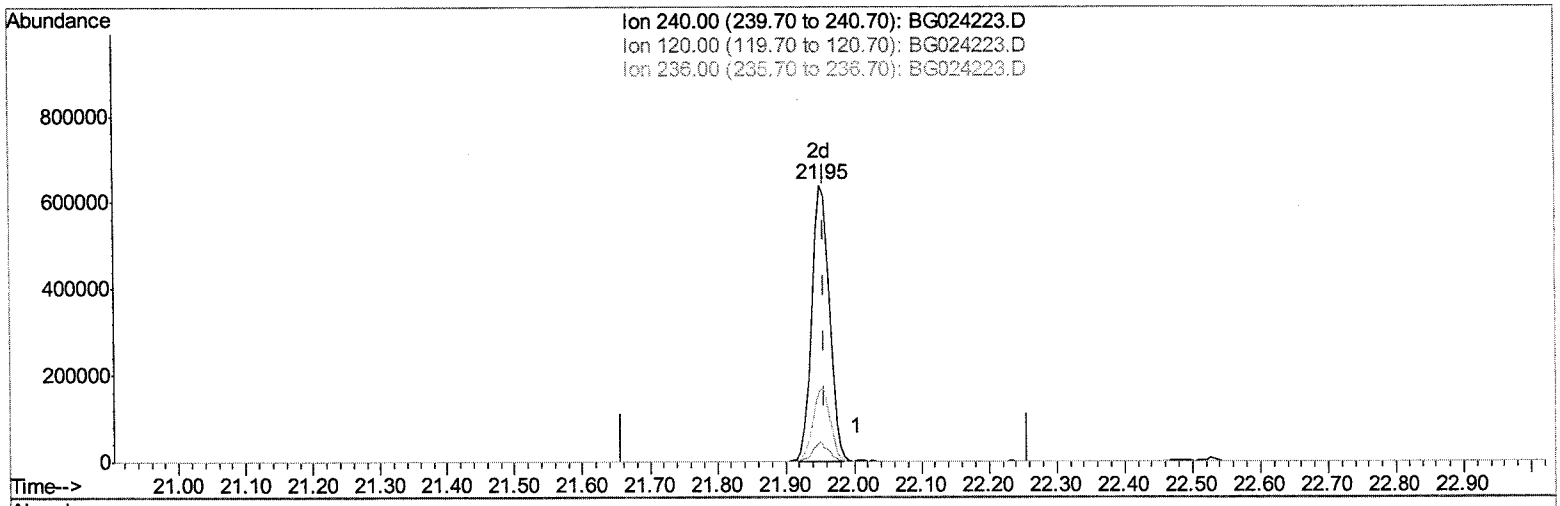
response 2192

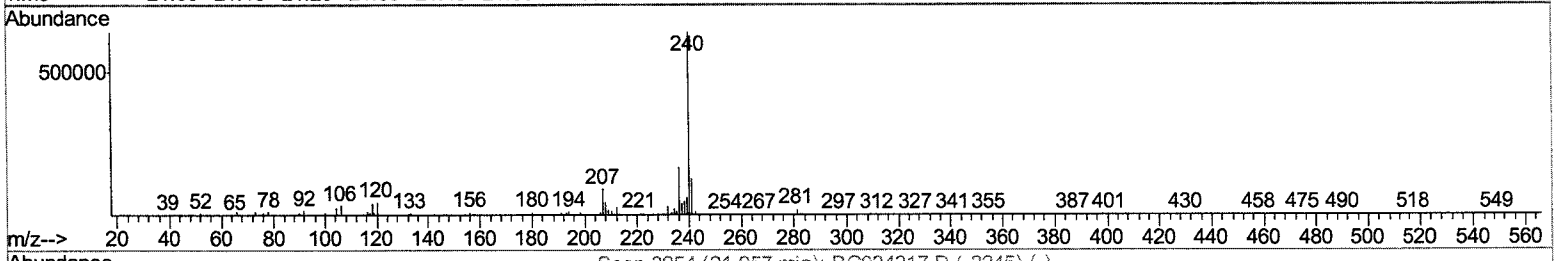
Ion	Exp%	
240.00	100	100
120.00	14.40	29.49#
236.00	26.10	14.35#
0.00	0.00	0.00

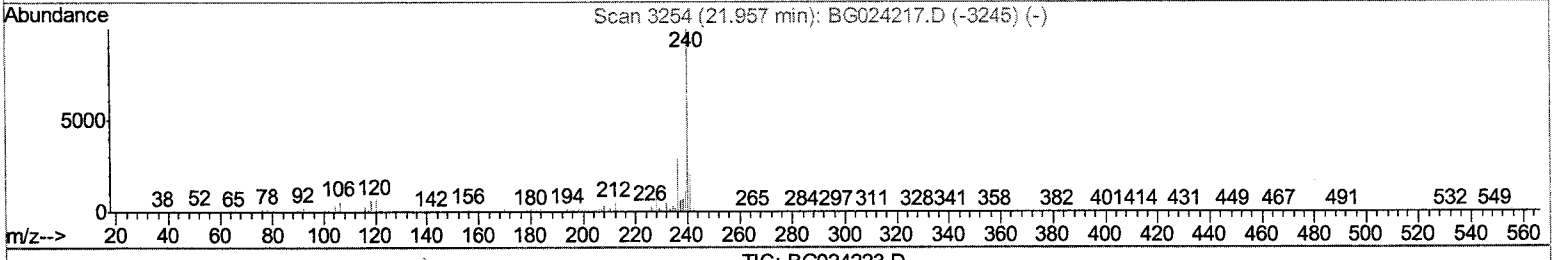
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG100716\
Data File : BG024223.D
Acq On : 7 Oct 2016 6:42
Operator : UM/SJ
Sample : H5082-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Oct 07 11:57:01 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: BG024223.D

(75) Chrysene-d12 (I)

21.951min (-0.006) 20.00ng/ul m

response 1134850

UM
10/07/16

Ion	Exp%	
240.00	100	100
120.00	14.40	7.19#
236.00	26.10	26.35
0.00	0.00	0.00

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG100716\
Data File : BG024223.D
Acq On : 7 Oct 2016 6:42
Operator : UM/SJ
Sample : H5082-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Oct 07 11:58:47 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	135946	20.00	ng/ul	0.00
18) Naphthalene-d8	11.13	136	600427	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.91	164	483726	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.65	188	1033390m	20.00	ng/ul	0.00
75) Chrysene-d12	21.95	240	1134850m	20.00	ng/ul	0.00
83) Perylene-d12	25.40	264	1175188	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.65	96	4338m	1.52	ng/uL	0.00
5) Phenol-d5	7.42	99	93421	7.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.61	67	275371	32.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.82	132	230380	26.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.98	113	185544	18.10	ng/ul	0.00
19) Nitrobenzene-d5	9.47	128	148221	34.79	ng/ul	0.00
22) 2-Nitrophenol-d4	10.20	143	166461	34.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.73	165	310302	29.89	ng/ul	0.00
29) 4-Chloroaniline-d4	11.25	131	4617	0.42	ng/ul	0.00
43) Dimethylphthalate-d6	14.31	166	1133184	33.55	ng/ul	0.00
46) Acenaphthylene-d8	14.61	160	1307665	33.80	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	42910	7.17	ng/ul	0.00
57) Fluorene-d10	15.90	176	1076083	33.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.00	200	207099m	33.35	ng/ul	0.00
70) Anthracene-d10	17.75	188	1634078m	35.01	ng/ul	0.00
76) Pyrene-d10	20.02	212	1846990	34.87	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.16	264	1849678	34.98	ng/ul	0.00

UM 10/07/16

UM 10/07/16

Target Compounds	Qvalue

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