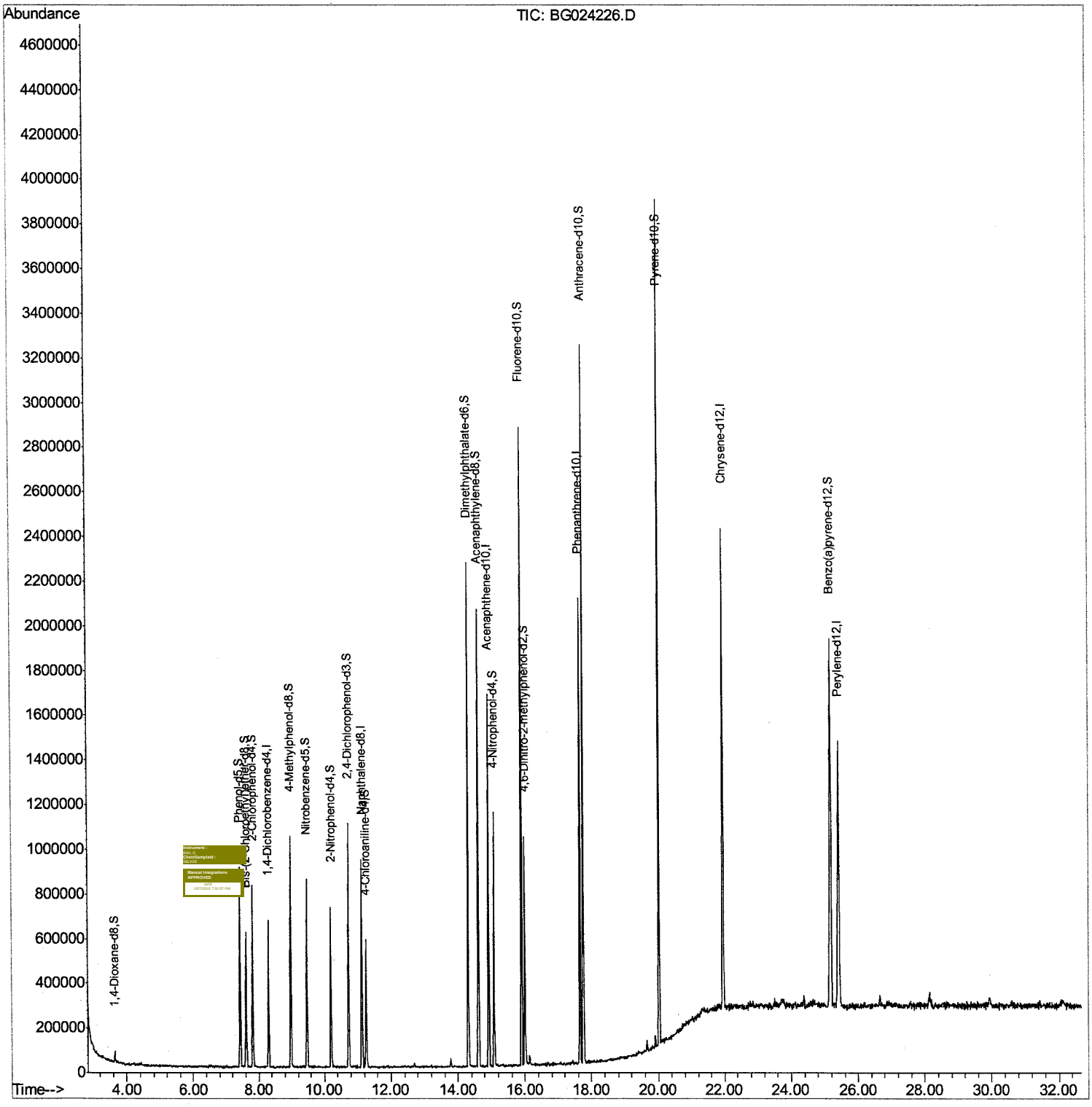
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG100716\
Data File : BG024226.D
Acq On : 7 Oct 2016 9:07
Operator : UM/SJ
Sample : PB93808BL
Misc :
ALS Vial : 28 Sample Multiplier: 1

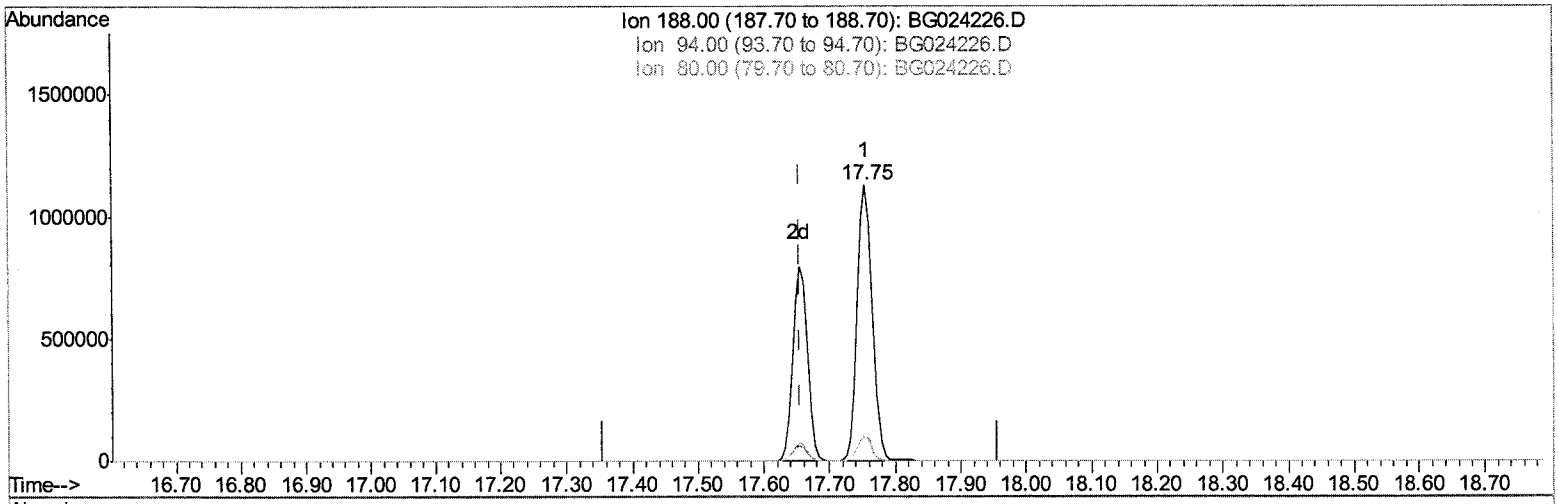
Quant Time: Oct 07 12:32:26 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 07 06:34:32 2016
Response via : Initial Calibration

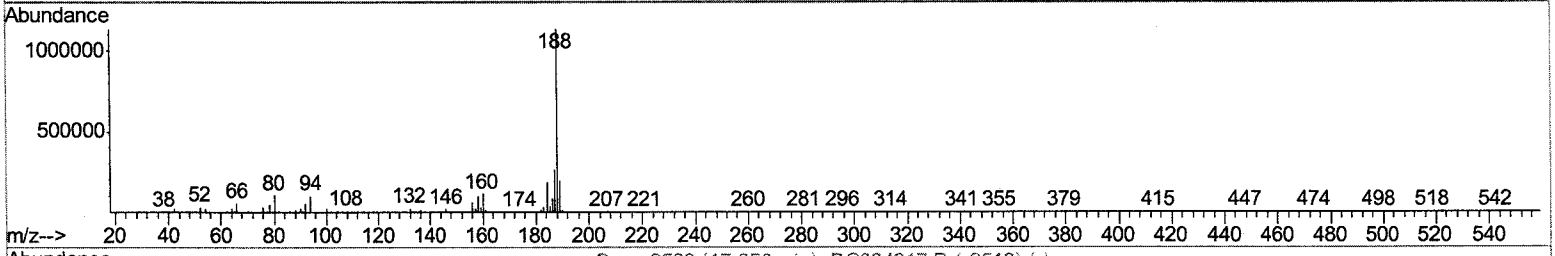


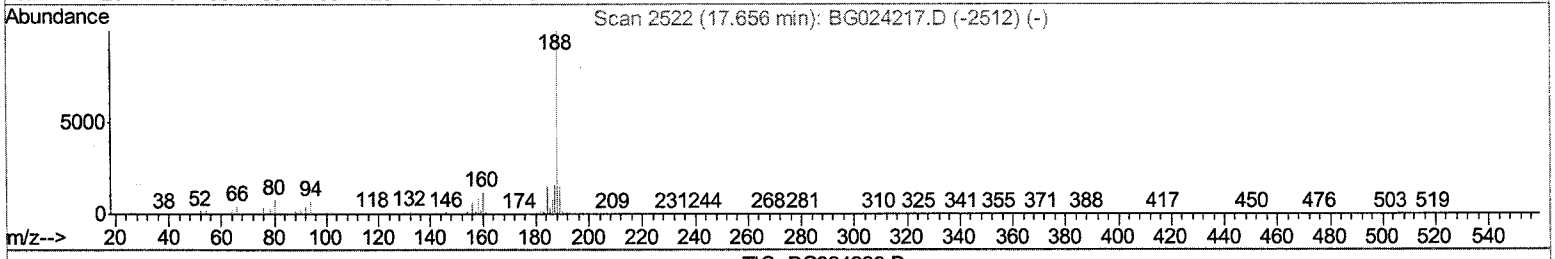
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG100716\
Data File : BG024226.D
Acq On : 7 Oct 2016 9:07
Operator : UM/SJ
Sample : PB93808BL
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Oct 07 12:23:38 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: BG024226.D

(61) Phenanthrene-d10 (I)

17.755min (+0.099) 20.00ng/ul

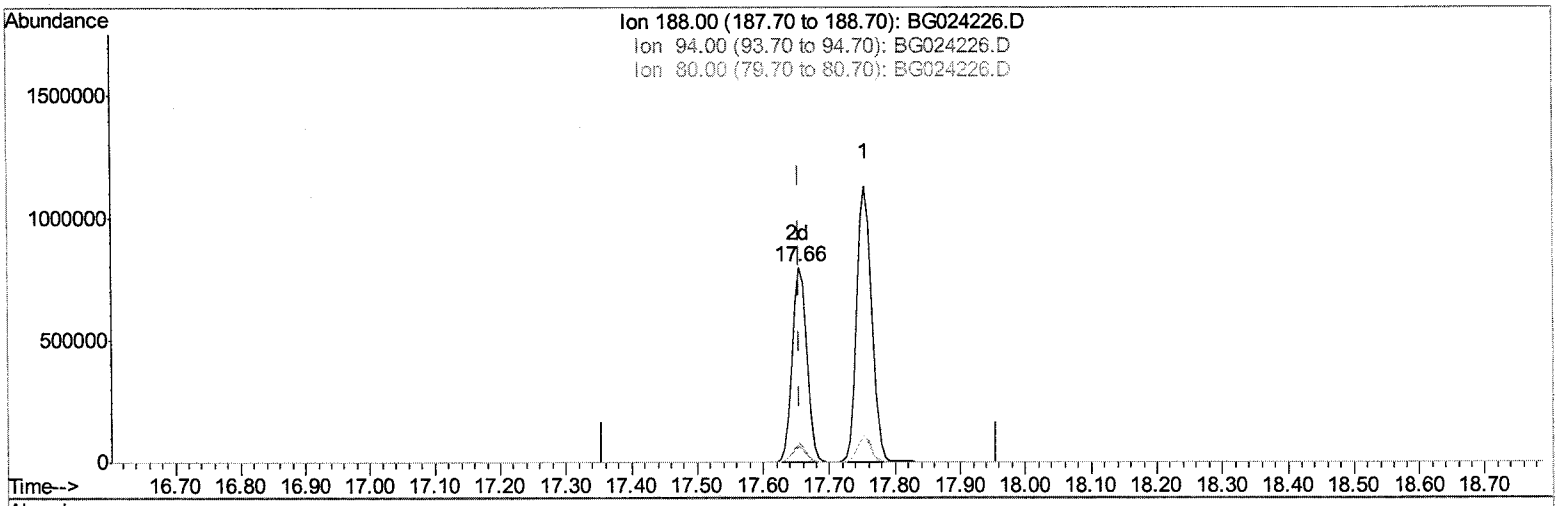
response 18080

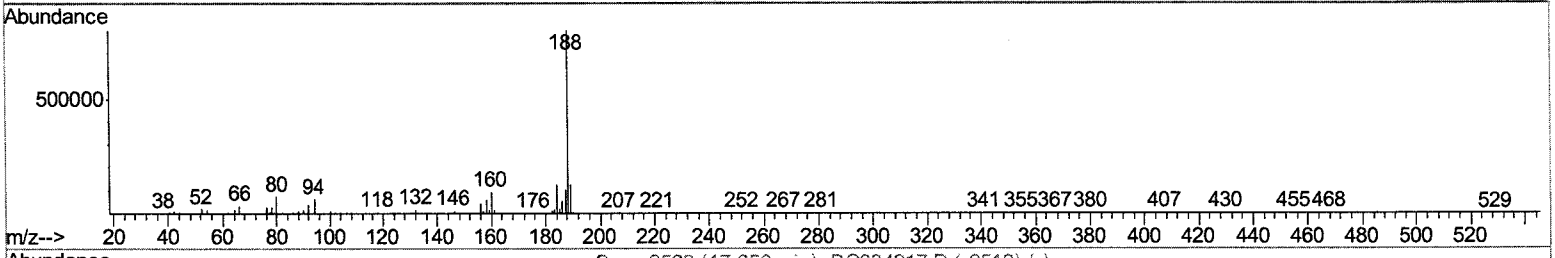
Ion	Exp%	
188.00	100	100
94.00	10.30	9.24
80.00	10.90	9.41
0.00	0.00	0.00

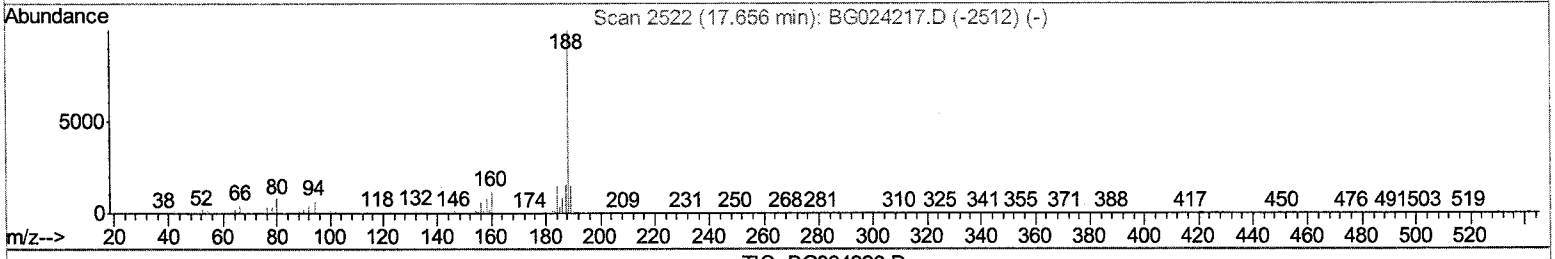
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG100716\
Data File : BG024226.D
Acq On : 7 Oct 2016 9:07
Operator : UM/SJ
Sample : PB93808BL
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Oct 07 12:23:38 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: BG024226.D

(61) Phenanthrene-d10 (I)

17.655min (-0.001) 20.00ng/ul m

response 12593

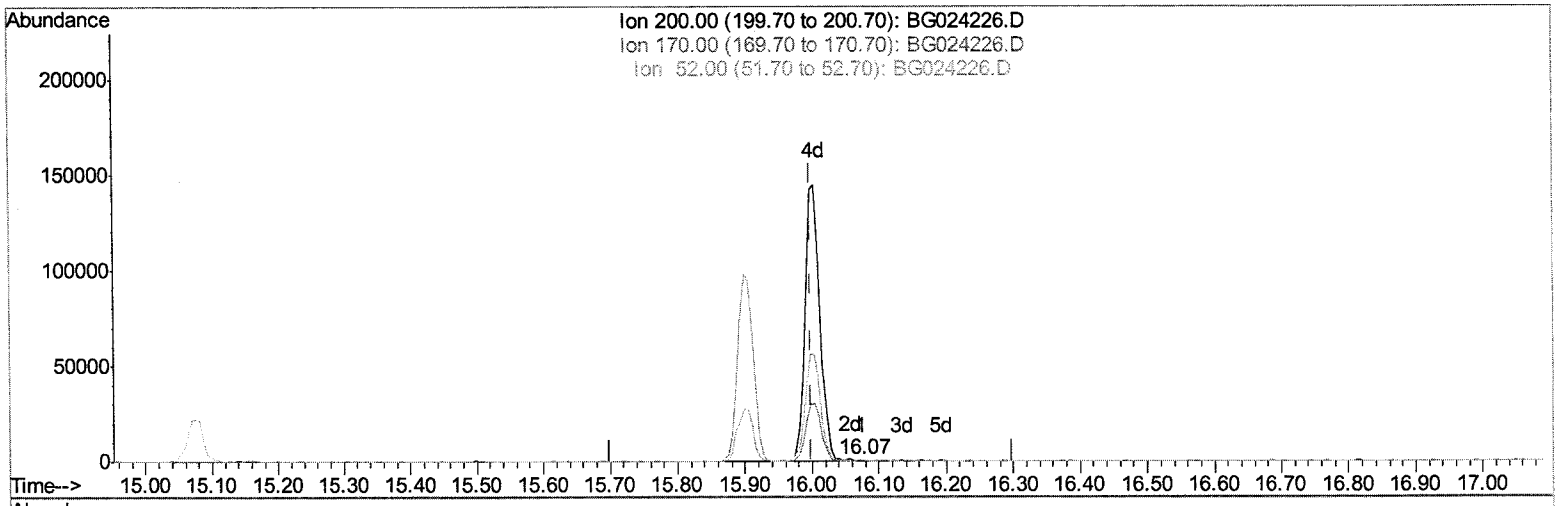
Ion	Exp%	
188.00	100	100
94.00	10.30	7.92#
80.00	10.90	9.43
0.00	0.00	0.00

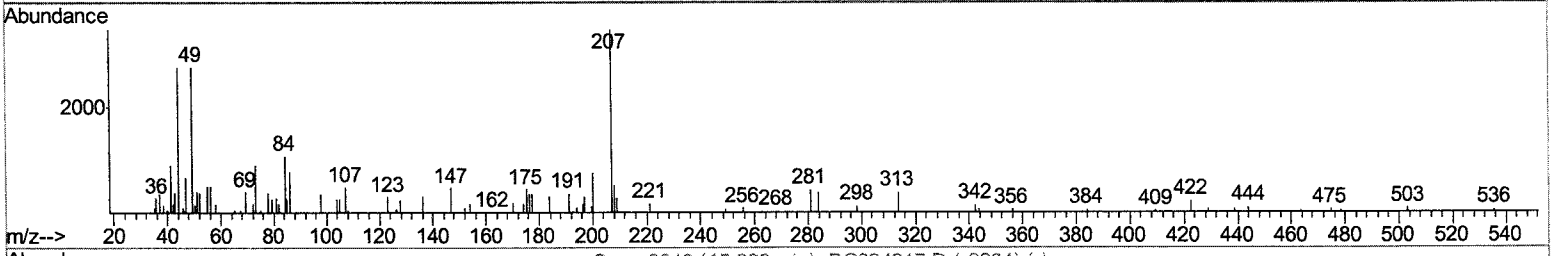
UM
10/07/16

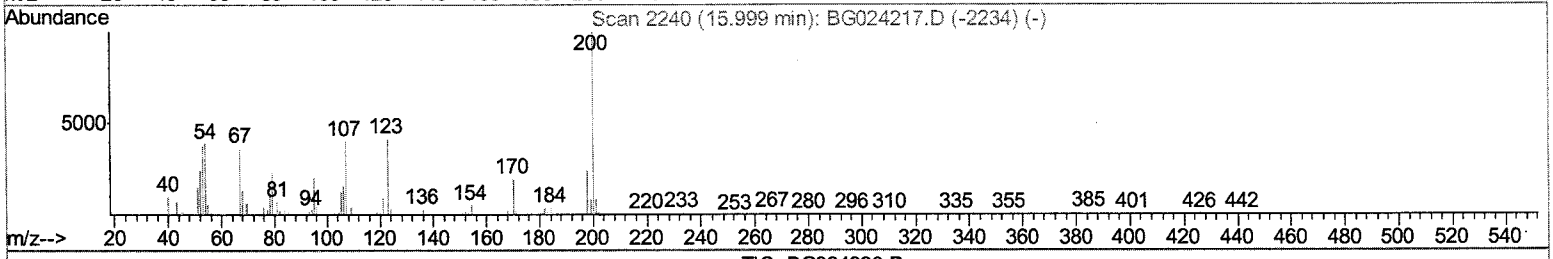
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG100716\
Data File : BG024226.D
Acq On : 7 Oct 2016 9:07
Operator : UM/SJ
Sample : PB93808BL
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Oct 07 12:30:20 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: BG024226.D

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

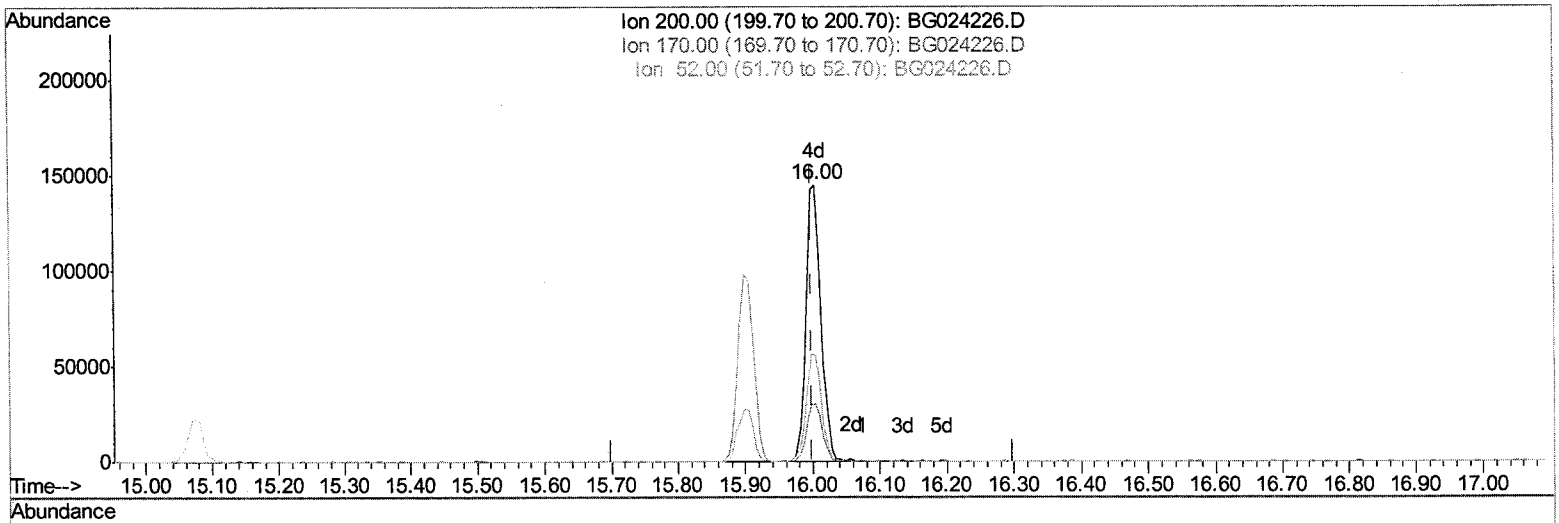
16.075min (+0.075) 0.10ng/ul

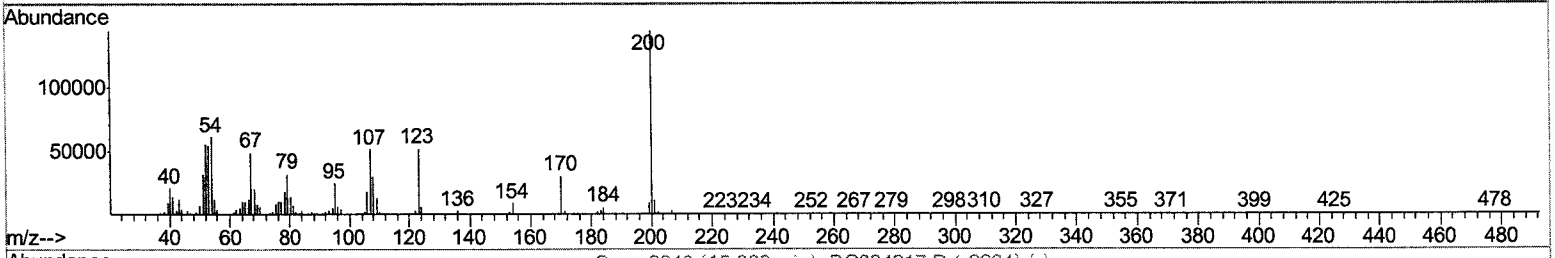
response 745

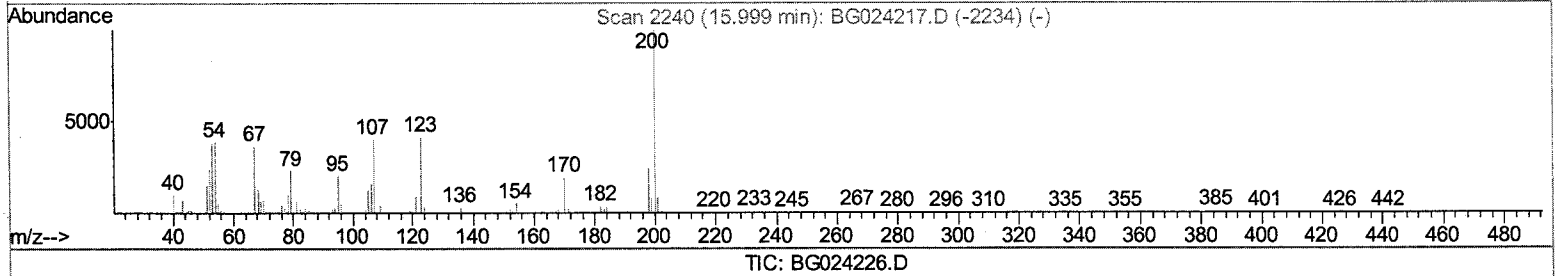
Ion	Exp%	
200.00	100	100
170.00	15.20	38.71#
52.00	32.20	59.53#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG100716\
Data File : BG024226.D
Acq On : 7 Oct 2016 9:07
Operator : UM/SJ
Sample : PB93808BL
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Oct 07 12:30:20 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: BG024226.D

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

16.004min (+0.005) 29.87ng/ul m

UM

response 22609

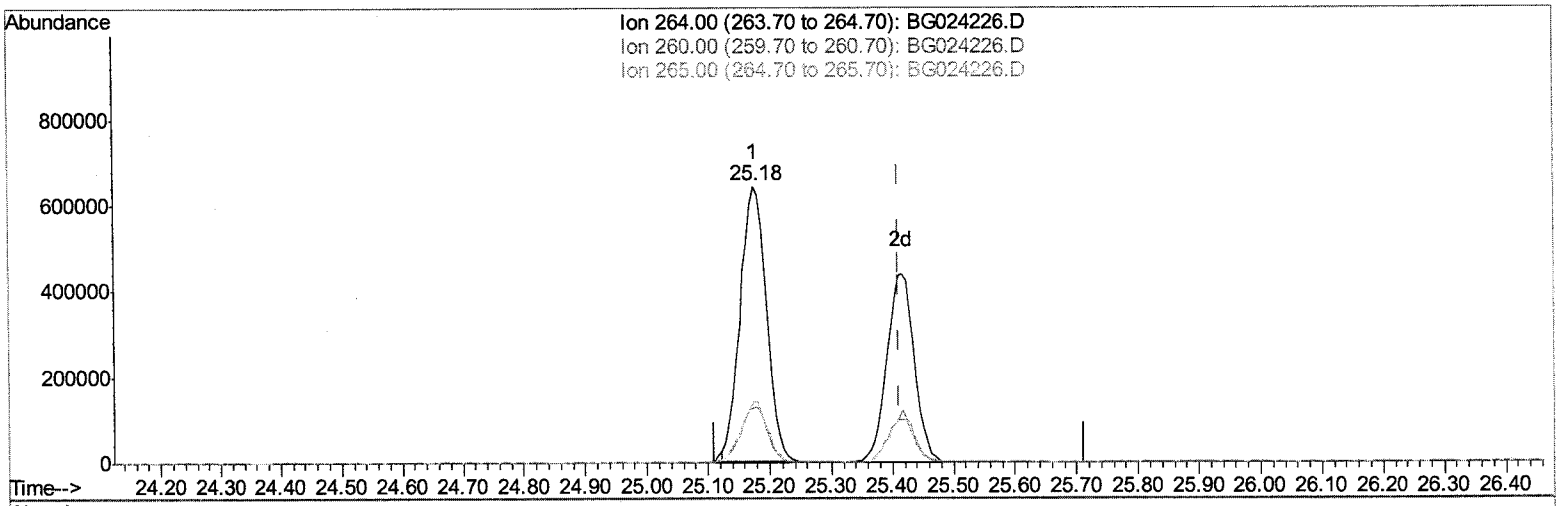
10/07/16

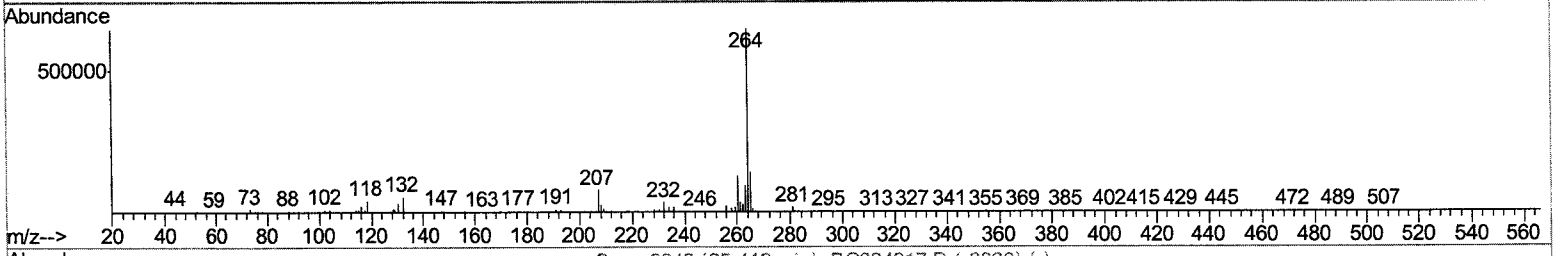
Ion	Exp%	
200.00	100	100
170.00	15.20	20.83#
52.00	32.20	38.53
0.00	0.00	0.00

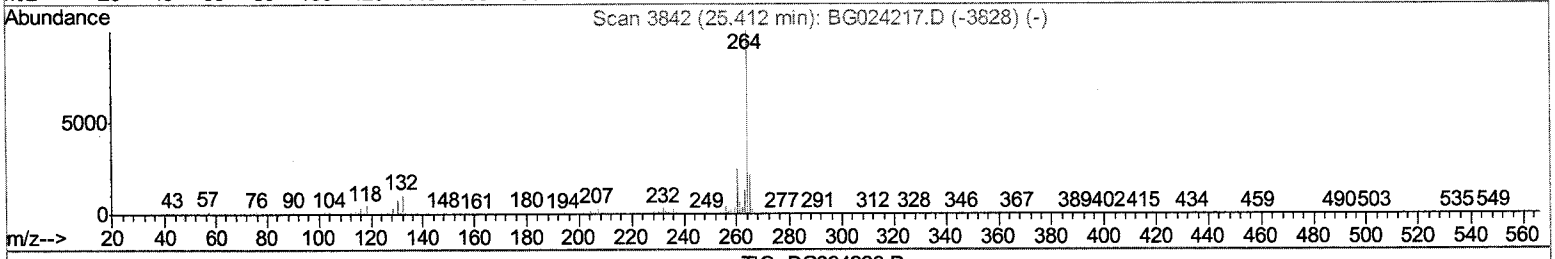
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG100716\
Data File : BG024226.D
Acq On : 7 Oct 2016 9:07
Operator : UM/SJ
Sample : PB93808BL
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Oct 07 12:30:20 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: BG024226.D

(83) Perylene-d12 (I)

25.176min (-0.236) 20.00ng/ul

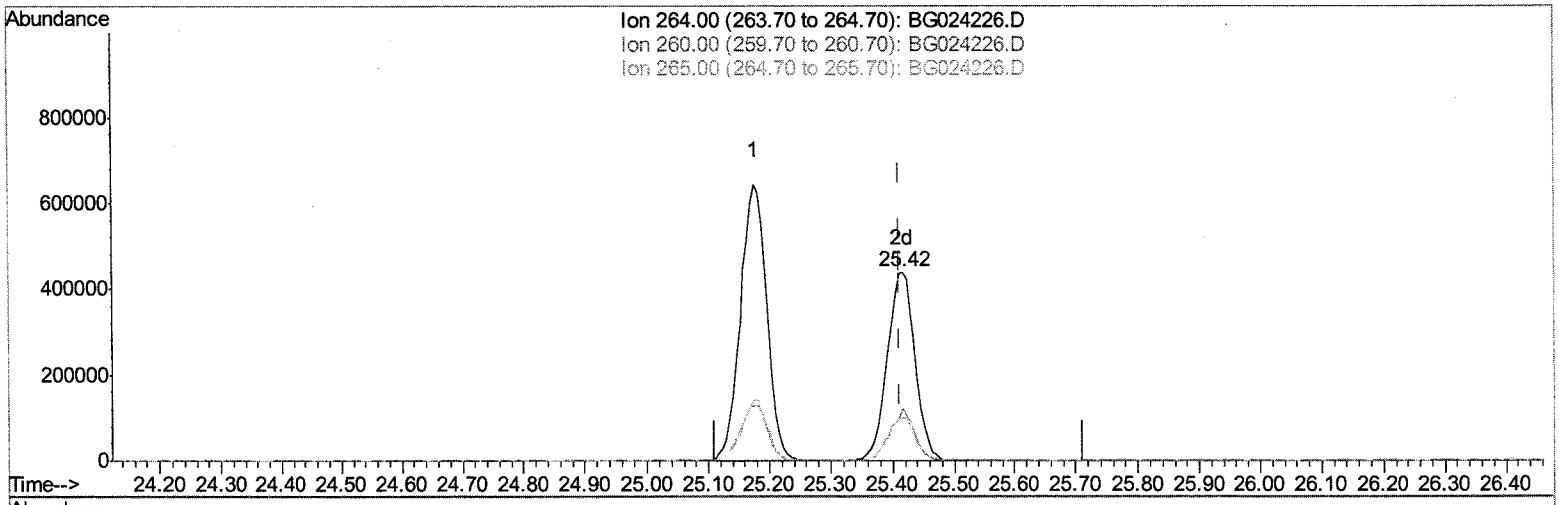
response 18821

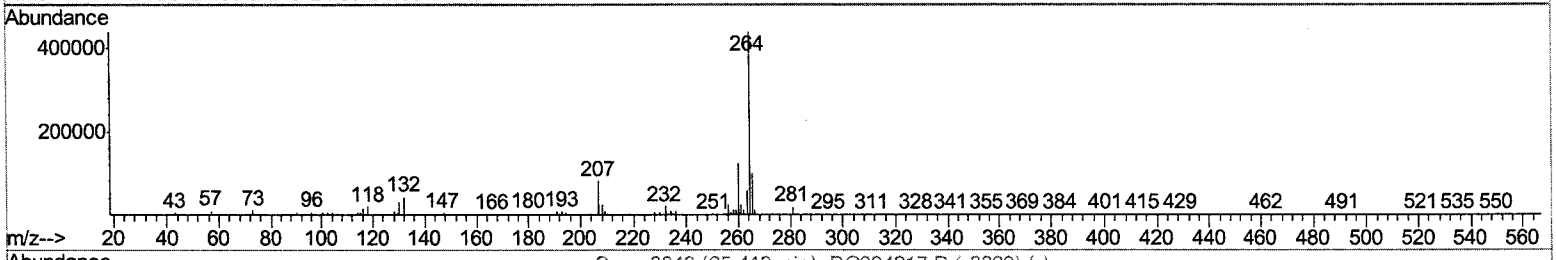
Ion	Exp%	
264.00	100	100
260.00	23.30	19.92
265.00	22.60	22.16
0.00	0.00	0.00

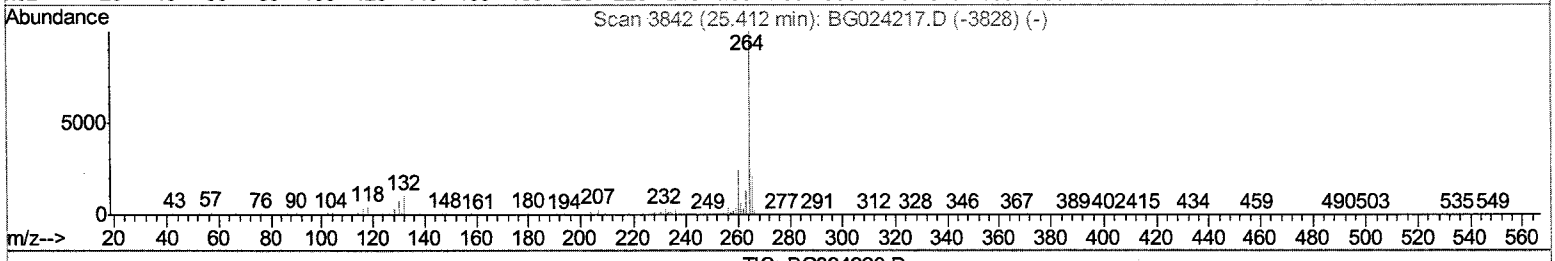
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG100716\
Data File : BG024226.D
Acq On : 7 Oct 2016 9:07
Operator : UM/SJ
Sample : PB93808BL
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Oct 07 12:30:20 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: BG024226.D

(83) Perylene-d12 (I)

25.417min (+0.005) 20.00ng/ul m

response 13688

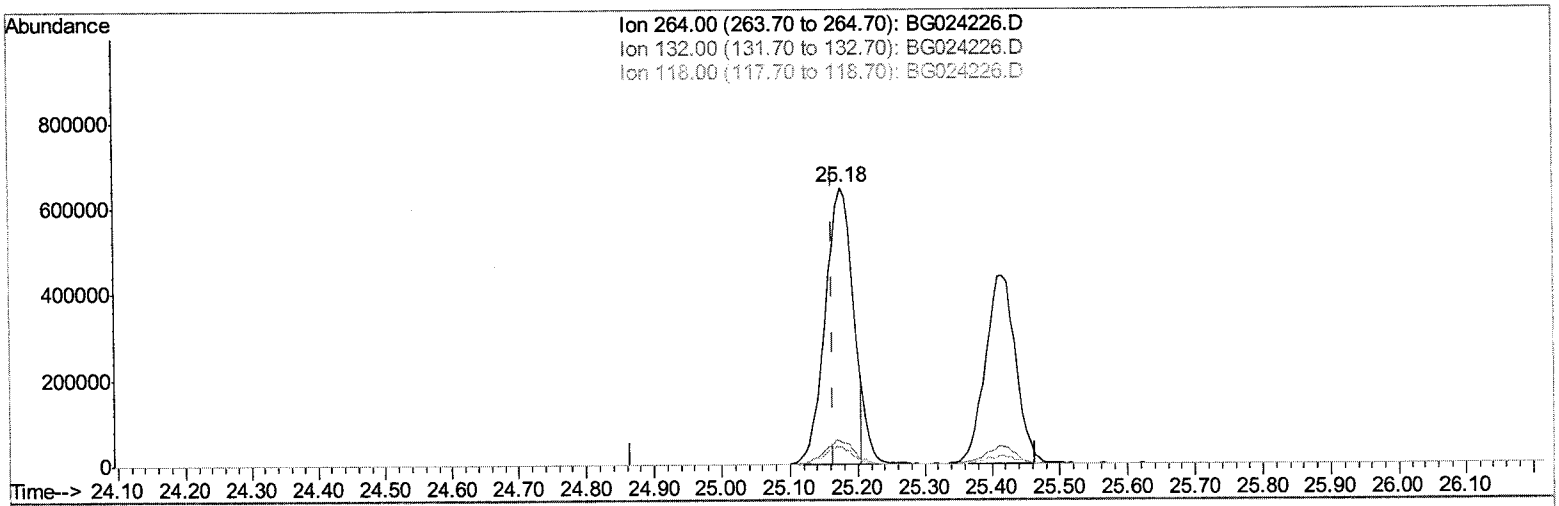
Ion	Exp%	
264.00	100	100
260.00	23.30	28.00#
265.00	22.60	22.76
0.00	0.00	0.00

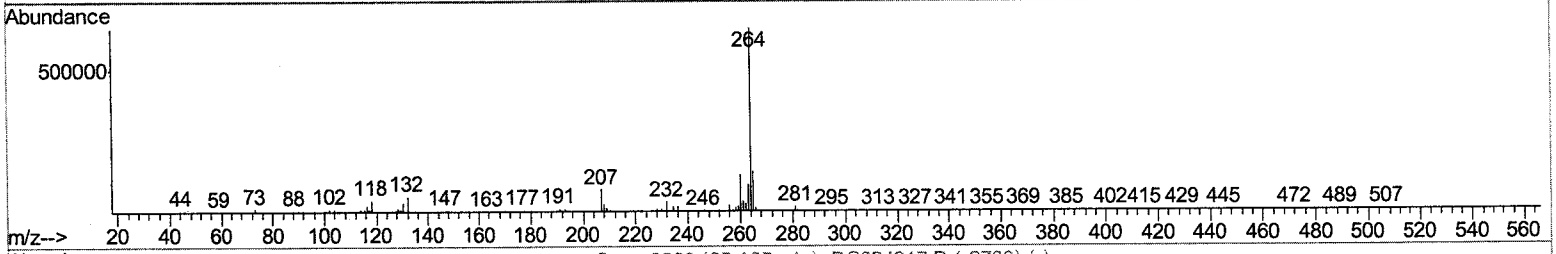
UM
10/07/16

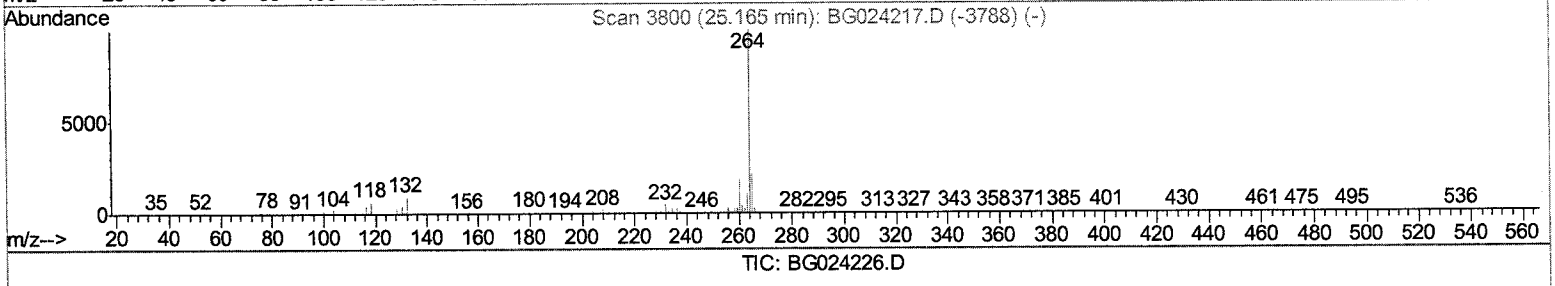
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG100716\
Data File : BG024226.D
Acq On : 7 Oct 2016 9:07
Operator : UM/SJ
Sample : PB93808BL
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Oct 07 12:32:26 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: BG024226.D

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

25.176min (+0.010) 29.71ng/ul

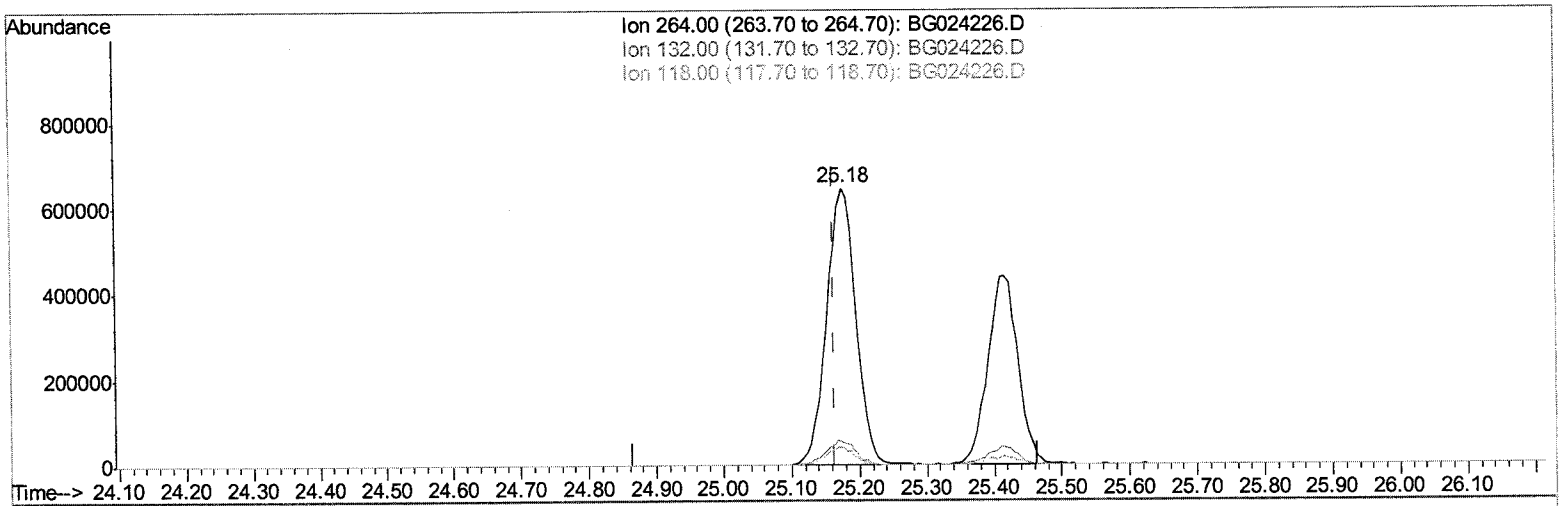
response 18295

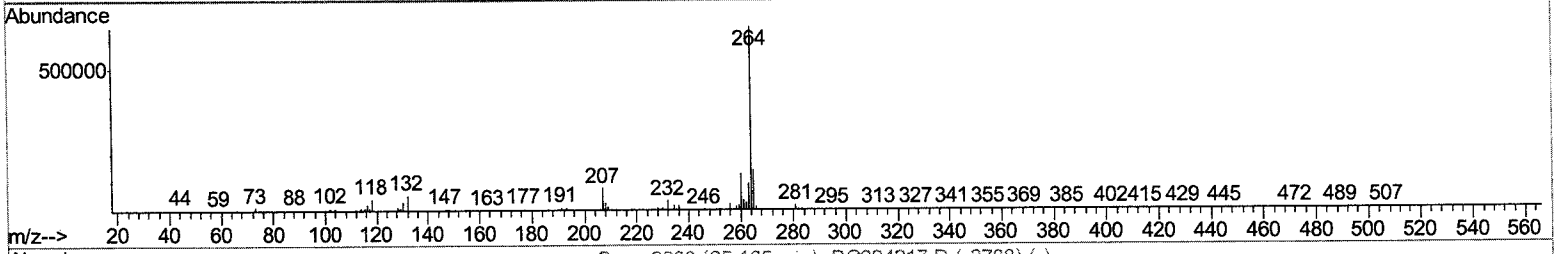
Ion	Exp%	
264.00	100	100
132.00	20.60	8.40#
118.00	11.60	6.49#
0.00	0.00	0.00

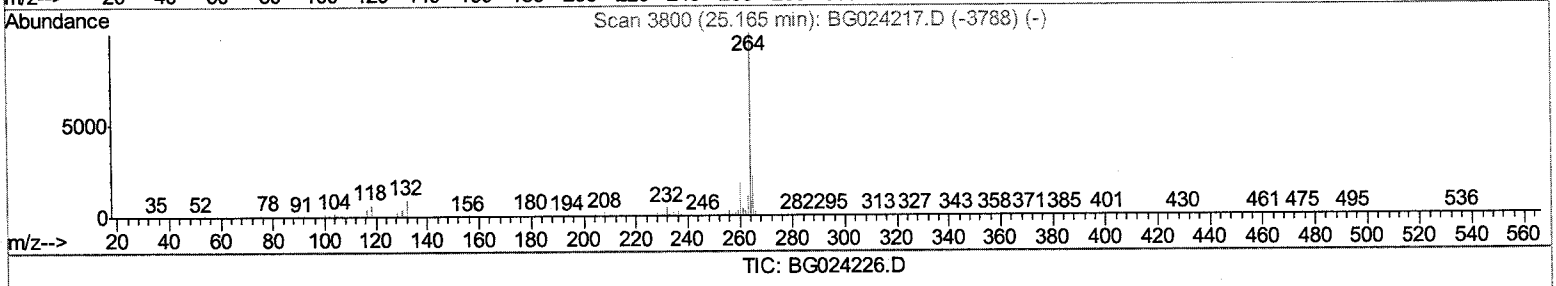
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG100716\
Data File : BG024226.D
Acq On : 7 Oct 2016 9:07
Operator : UM/SJ
Sample : PB93808BL
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Oct 07 12:32:26 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: BG024226.D

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

25.176min (+0.010) 31.14ng/ul m

response 19177

Ion	Exp%	
264.00	100	100
132.00	20.60	8.40#
118.00	11.60	6.49#
0.00	0.00	0.00

UM
10/07/16

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG100716\
Data File : BG024226.D
Acq On : 7 Oct 2016 9:07
Operator : UM/SJ
Sample : PB93808BL
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Oct 07 12:32:26 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	166216	20.00	ng/ul	0.00
18) Naphthalene-d8	11.13	136	727190	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.92	164	595123	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.66	188	1259341m	20.00	ng/ul	0.00
75) Chrysene-d12	21.96	240	1372643	20.00	ng/ul	0.00
83) Perylene-d12	25.42	264	1368813m	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.65	96	23889	6.83	ng/uL	0.00
5) Phenol-d5	7.43	99	450141	29.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.61	67	317056	30.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.82	132	325754	30.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.99	113	374643	29.88	ng/ul	0.00
19) Nitrobenzene-d5	9.47	128	166852	32.33	ng/ul	0.00
22) 2-Nitrophenol-d4	10.20	143	196586	34.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.73	165	363073	28.87	ng/ul	0.00
29) 4-Chloroaniline-d4	11.26	131	273990	20.74	ng/ul	0.00
43) Dimethylphthalate-d6	14.31	166	1280709	30.82	ng/ul	0.00
46) Acenaphthylene-d8	14.62	160	1472371	30.93	ng/ul	0.00
51) 4-Nitrophenol-d4	15.08	143	212536	28.85	ng/ul	0.00
57) Fluorene-d10	15.90	176	1186259	30.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.00	200	226096m	29.87	ng/ul	0.00
70) Anthracene-d10	17.75	188	1808078	31.78	ng/ul	0.00
76) Pyrene-d10	20.02	212	1971924	30.78	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.18	264	1829502	29.71	ng/ul	0.01

UM 10/07/16

UM 10/07/16

Target Compounds	Qvalue

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