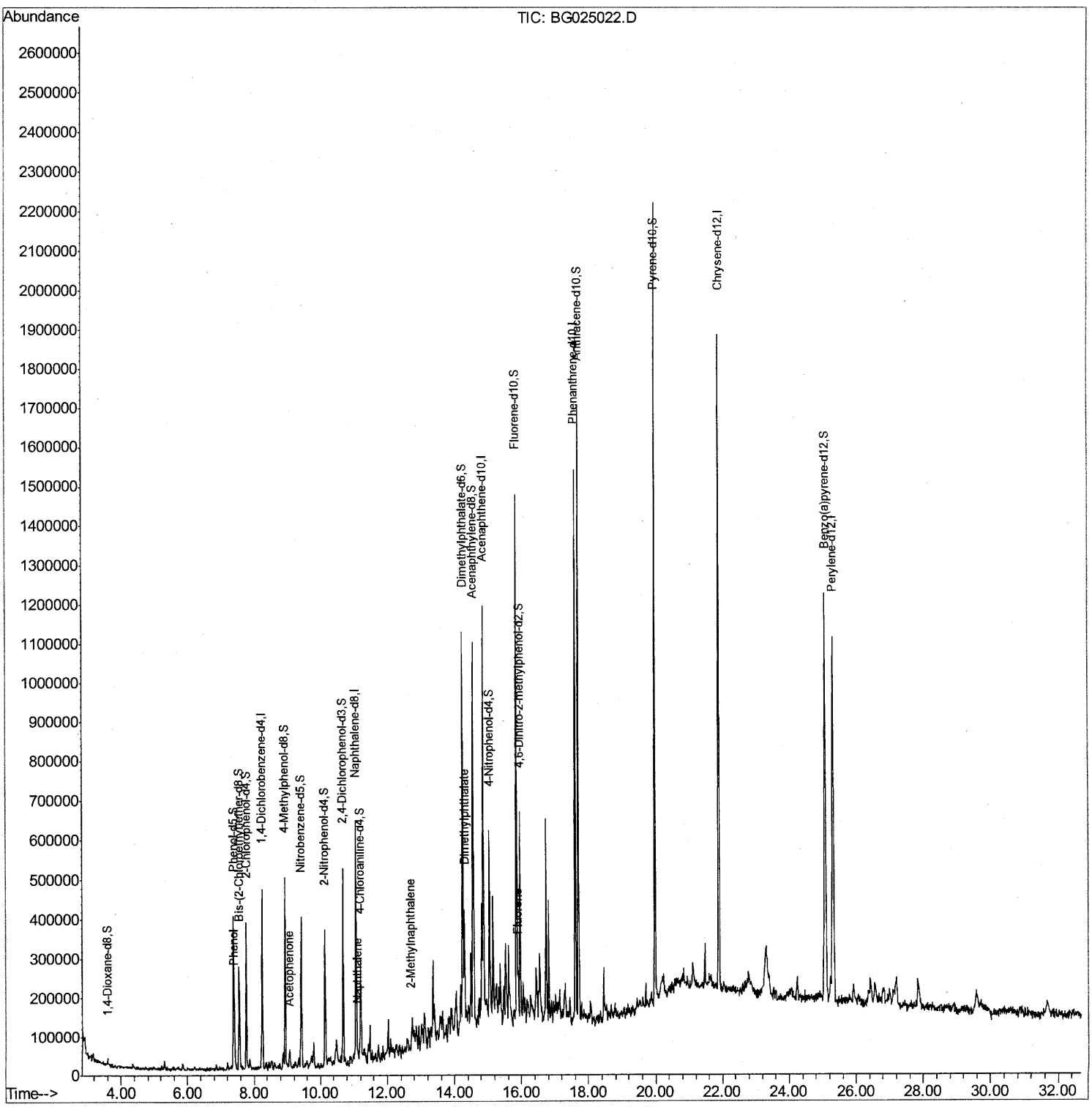
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120816\
Data File : BG025022.D
Acq On : 9 Dec 2016 1:13
Operator : UM/SJ
Sample : H5863-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 09 03:08:52 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 01:31:52 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DA7Z0

Manual Integrations APPROVED
sohil
12/9/2016 3:41:19 PM



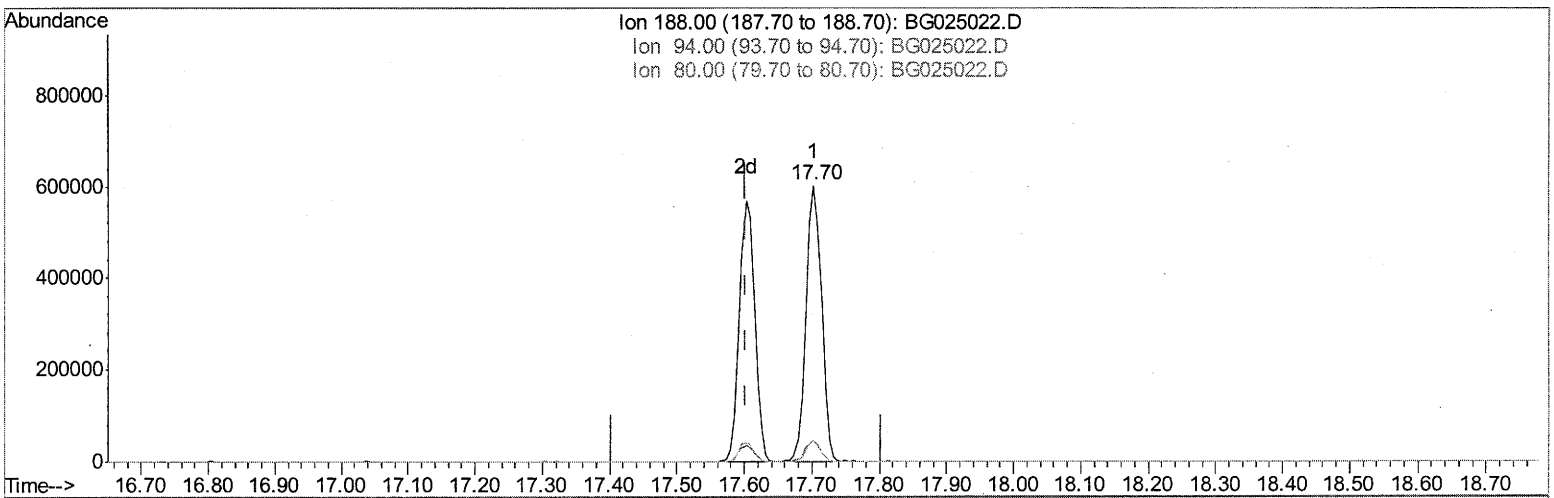
Quantitation Report (Qedit)

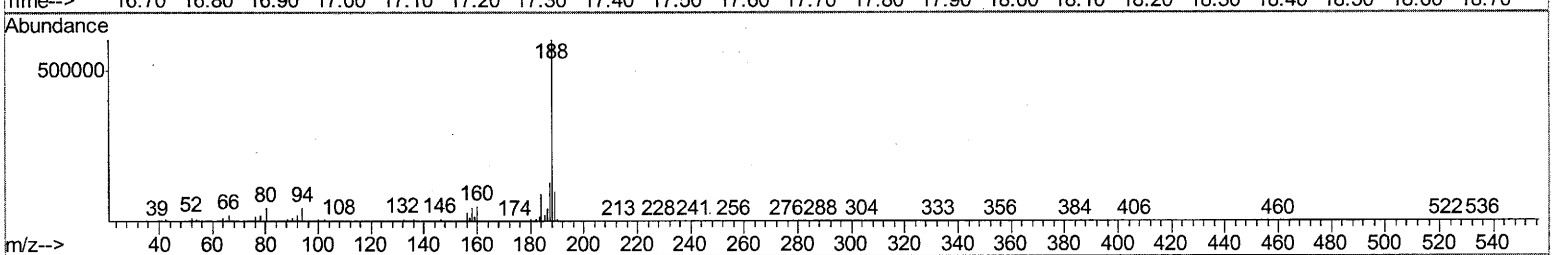
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120816\
Data File : BG025022.D
Acq On : 9 Dec 2016 1:13
Operator : UM/SJ
Sample : H5863-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

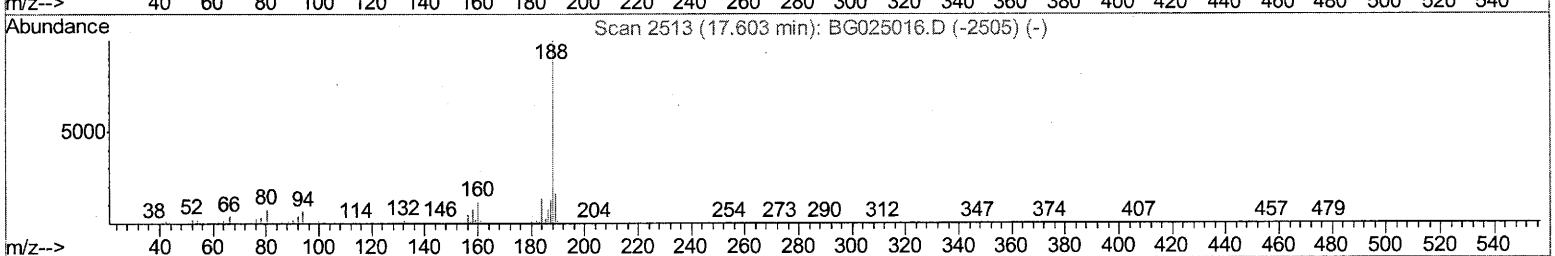
Quant Time: Dec 09 02:06:04 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 01:31:52 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DA7Z0

Manual Integrations APPROVED
sohil
12/9/2016 3:41:19 PM







TIC: BG025022.D

(61) Phenanthrene-d10 (I)

17.703min (+0.099) 20.00ng/ul

response 955611

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	7.83
80.00	9.50	7.67
0.00	0.00	0.00

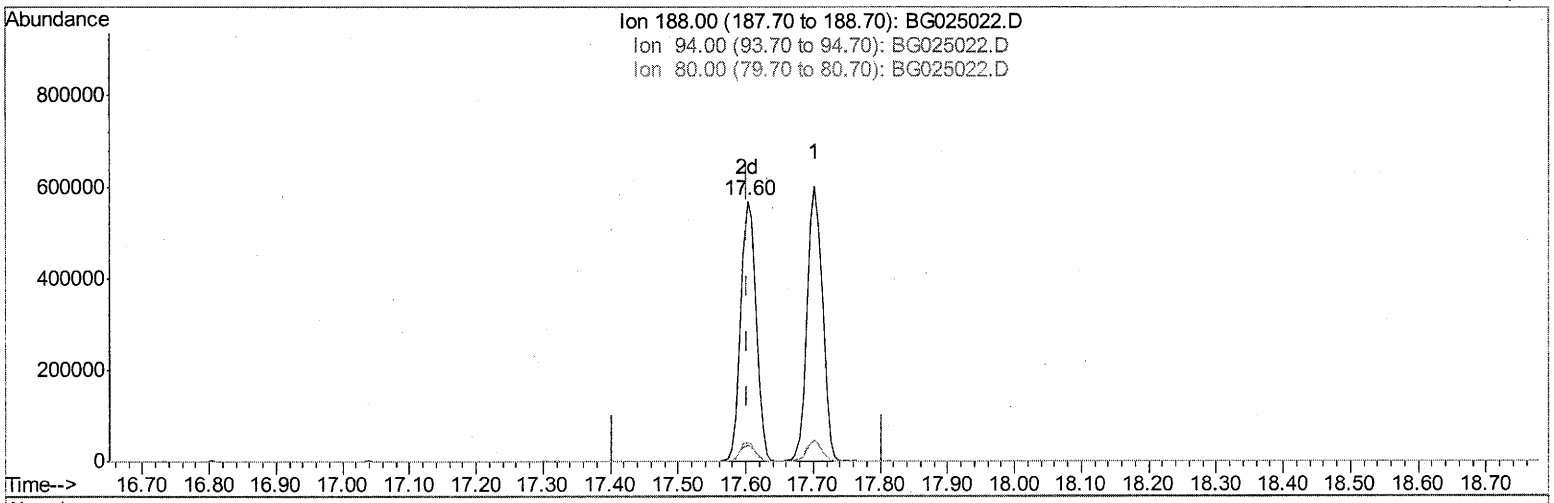
Quantitation Report (Qedit)

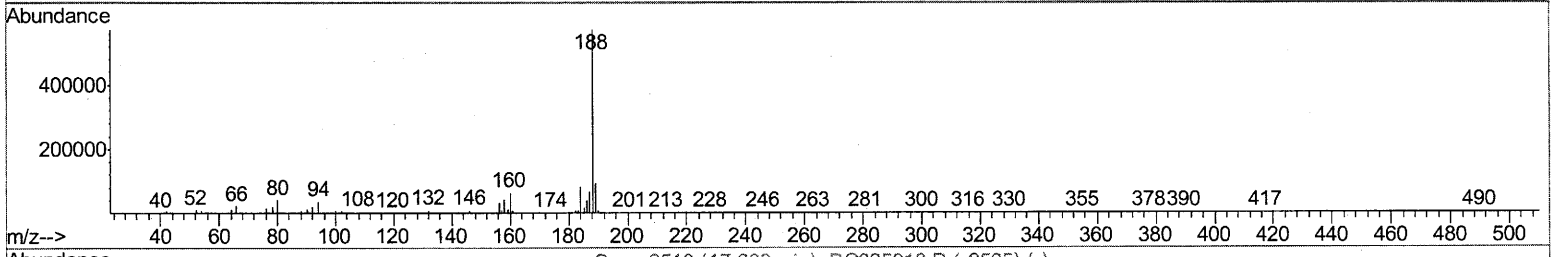
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120816\
Data File : BG025022.D
Acq On : 9 Dec 2016 1:13
Operator : UM/SJ
Sample : H5863-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

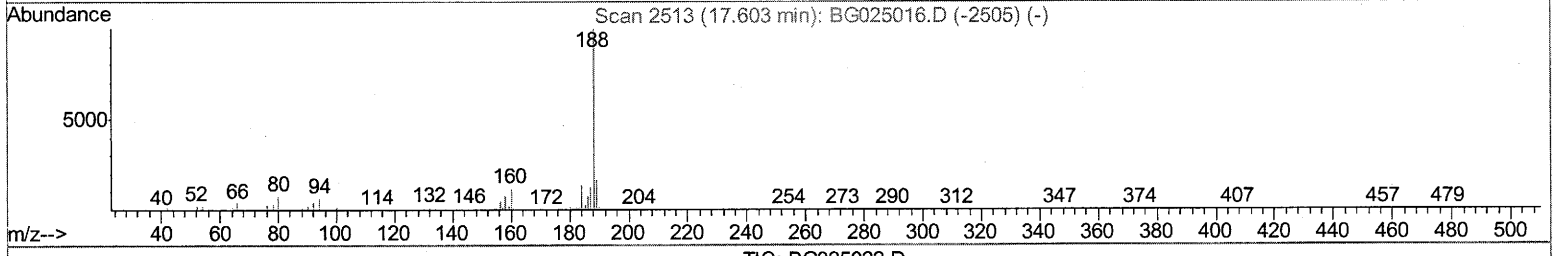
Quant Time: Dec 09 02:06:04 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 01:31:52 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DA7Z0

Manual Integrations APPROVED
sohil
12/9/2016 3:41:19 PM







TIC: BG025022.D

(61) Phenanthrene-d10 (I)

17.603min (-0.000) 20.00ng/ul m

response 897853

UM
12/09/16

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	6.48#
80.00	9.50	7.33#
0.00	0.00	0.00

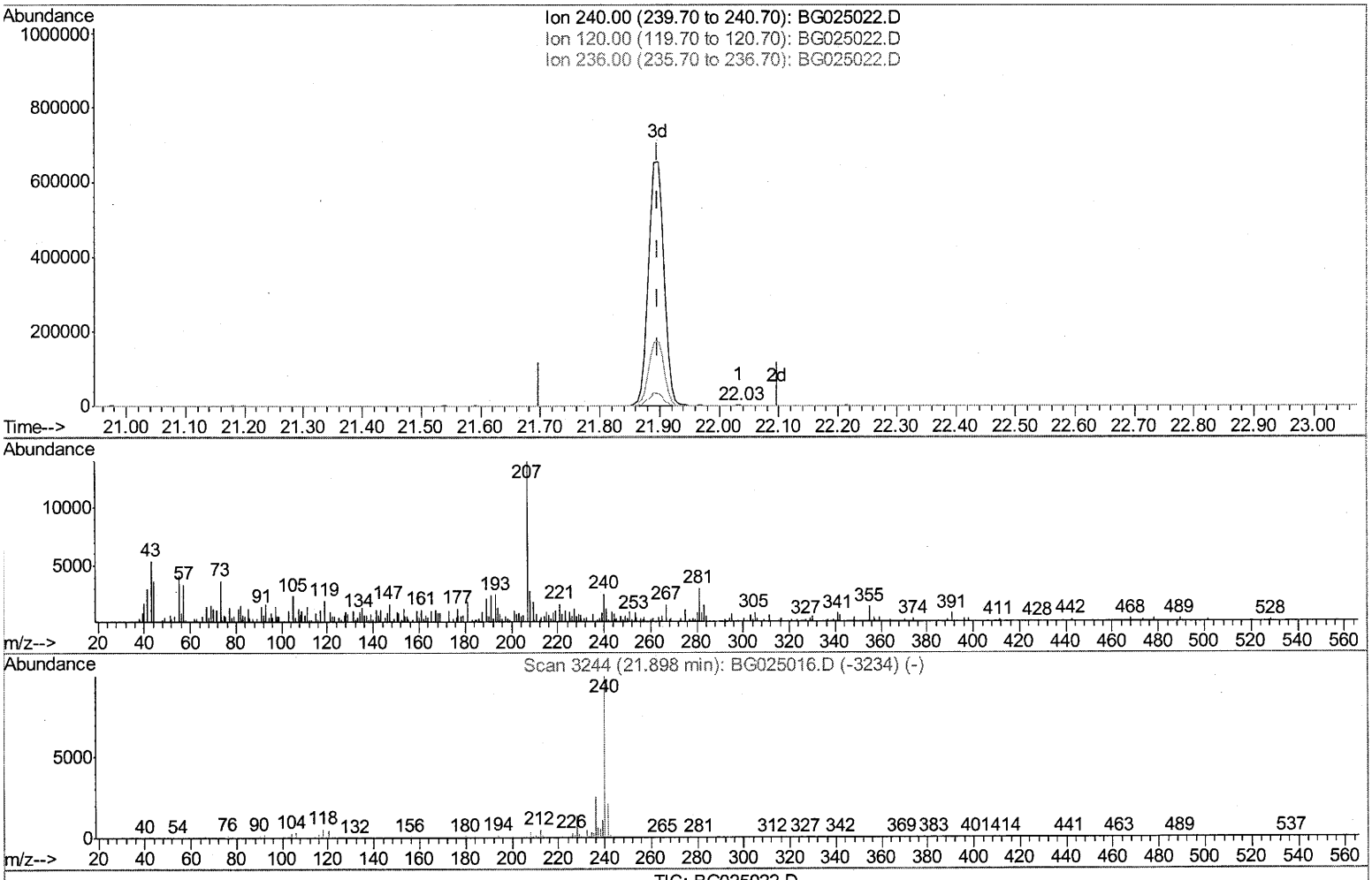
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120816\
Data File : BG025022.D
Acq On : 9 Dec 2016 1:13
Operator : UM/SJ
Sample : H5863-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 09 02:06:04 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 01:31:52 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DA7Z0

Manual Integrations APPROVED
sohil
12/9/2016 3:41:19 PM



TIC: BG025022.D

(75) Chrysene-d12 (I)

22.033min (+0.135) 20.00ng/ul

response 2563

Ion	Exp%	Act%
240.00	100	100
120.00	6.40	0.00#
236.00	27.90	6.64#
0.00	0.00	0.00

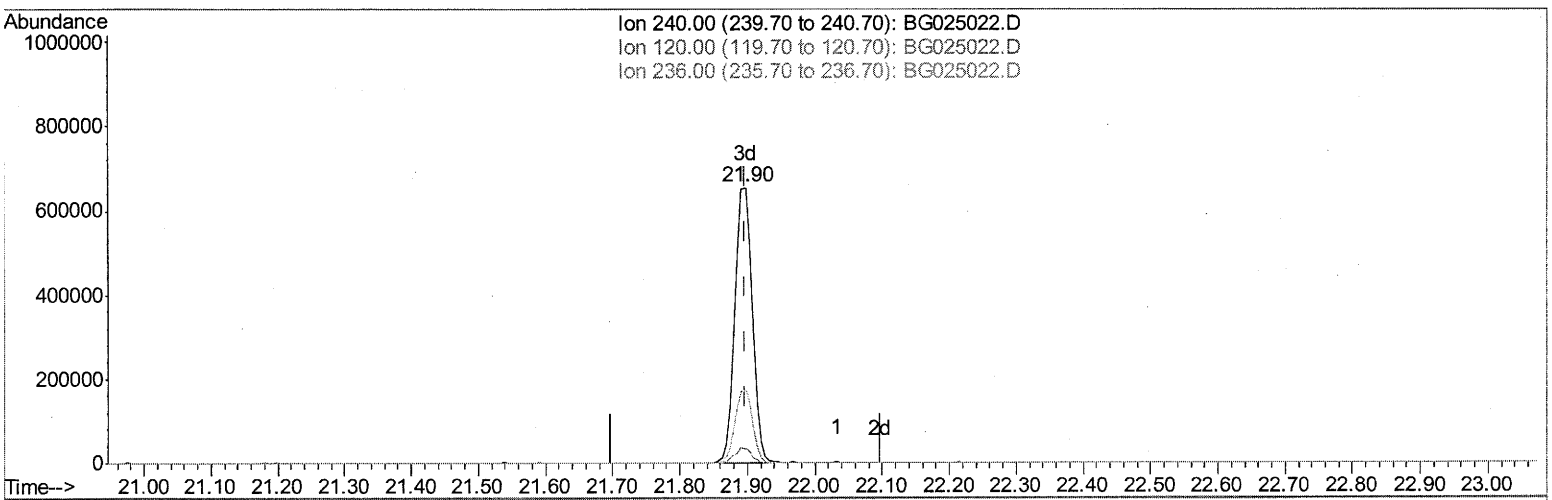
Quantitation Report (Qedit)

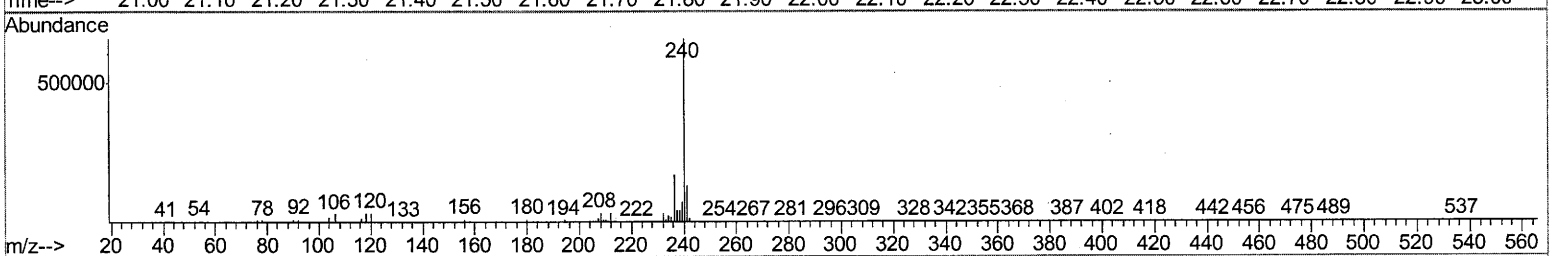
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120816\
Data File : BG025022.D
Acq On : 9 Dec 2016 1:13
Operator : UM/SJ
Sample : H5863-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

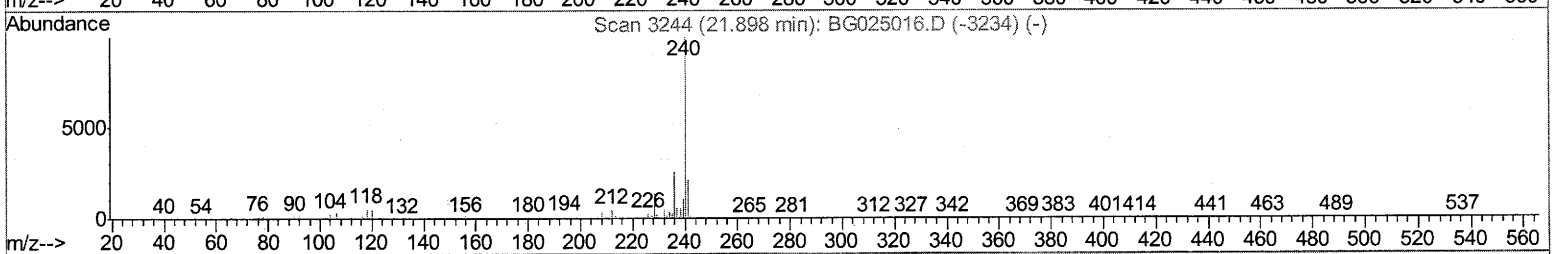
Quant Time: Dec 09 02:06:04 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 01:31:52 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DA7Z0

Manual Integrations APPROVED
sohil
12/9/2016 3:41:19 PM







TIC: BG025022.D

(75) Chrysene-d12 (I)

21.898min (-0.000) 20.00ng/ul m UM

response 1170452 12/09/16

Ion	Exp%	Act%
240.00	100	100
120.00	6.40	4.84#
236.00	27.90	26.36
0.00	0.00	0.00

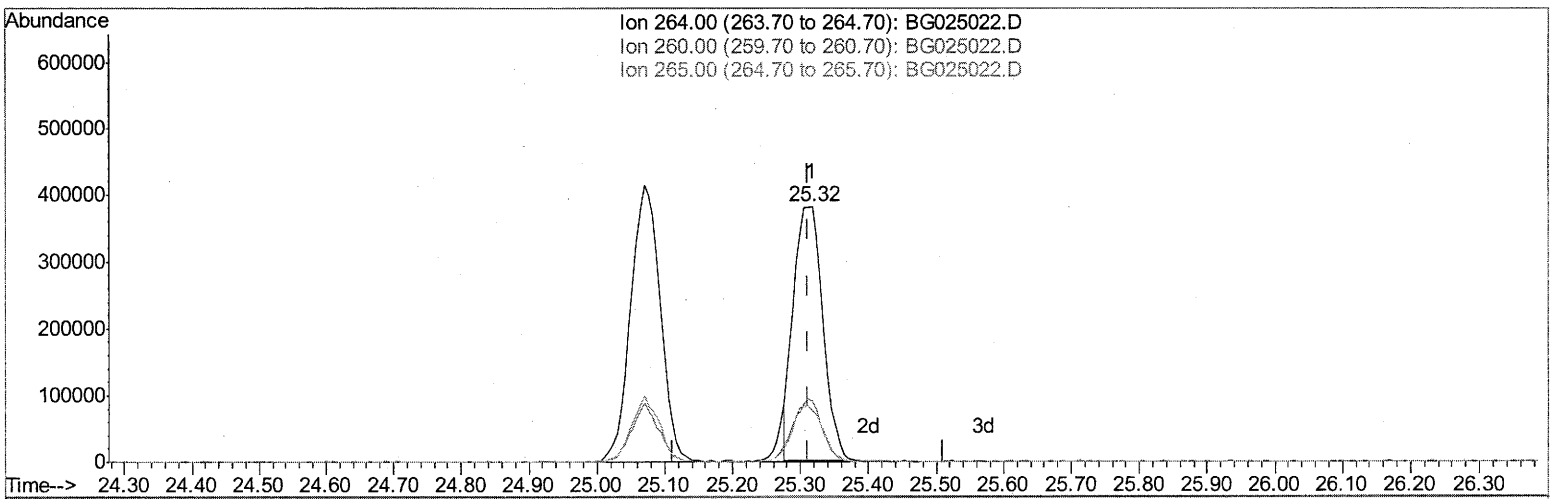
Quantitation Report (Qedit)

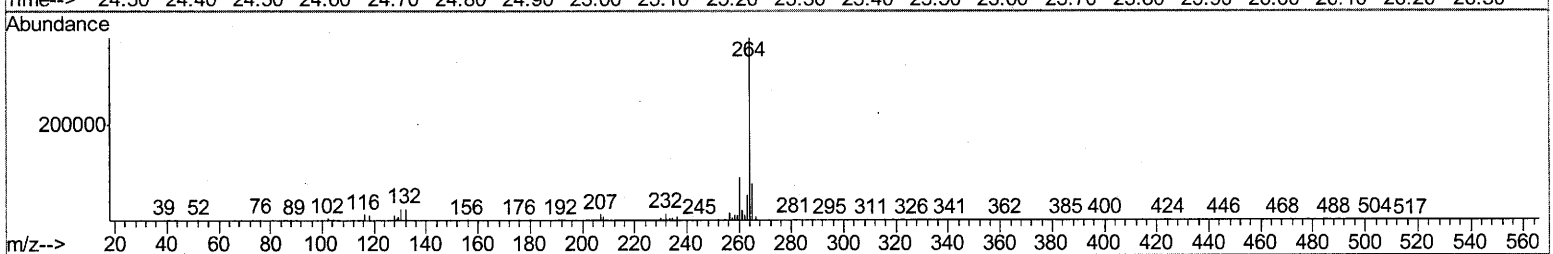
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120816\
Data File : BG025022.D
Acq On : 9 Dec 2016 1:13
Operator : UM/SJ
Sample : H5863-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

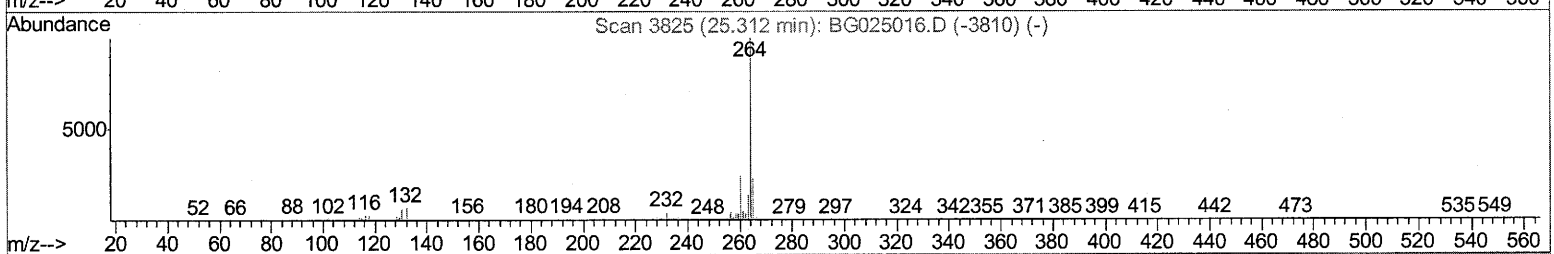
Quant Time: Dec 09 02:06:04 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 01:31:52 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DA7Z0

Manual Integrations APPROVED
sohil
12/9/2016 3:41:19 PM







TIC: BG025022.D

(83) Perylene-d12 (I)

25.317min (+0.005) 20.00ng/ul

response 1142493

Ion	Exp%	Act%
264.00	100	100
260.00	23.90	23.49
265.00	20.60	20.15
0.00	0.00	0.00

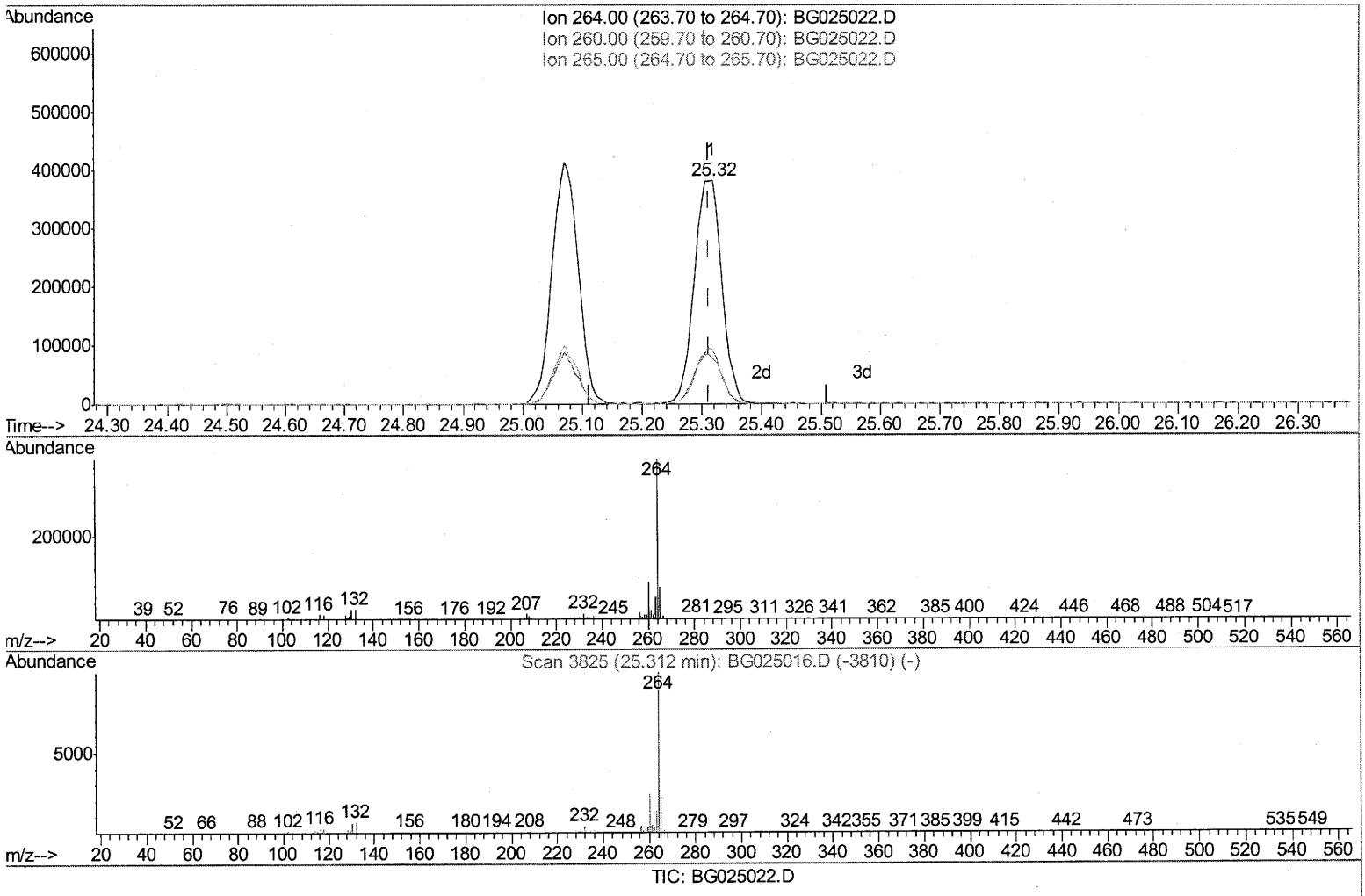
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120816\
Data File : BG025022.D
Acq On : 9 Dec 2016 1:13
Operator : UM/SJ
Sample : H5863-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 09 02:06:04 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 01:31:52 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DA7Z0

Manual Integrations APPROVED
sohil
12/9/2016 3:41:19 PM



TIC: BG025022.D

(83) Perylene-d12 (I)

25.317min (+0.005) 20.00ng/ul m

response 1227006

UM
12/09/16

Ion	Exp%	Act%
264.00	100	100
260.00	23.90	23.49
265.00	20.60	20.15
0.00	0.00	0.00

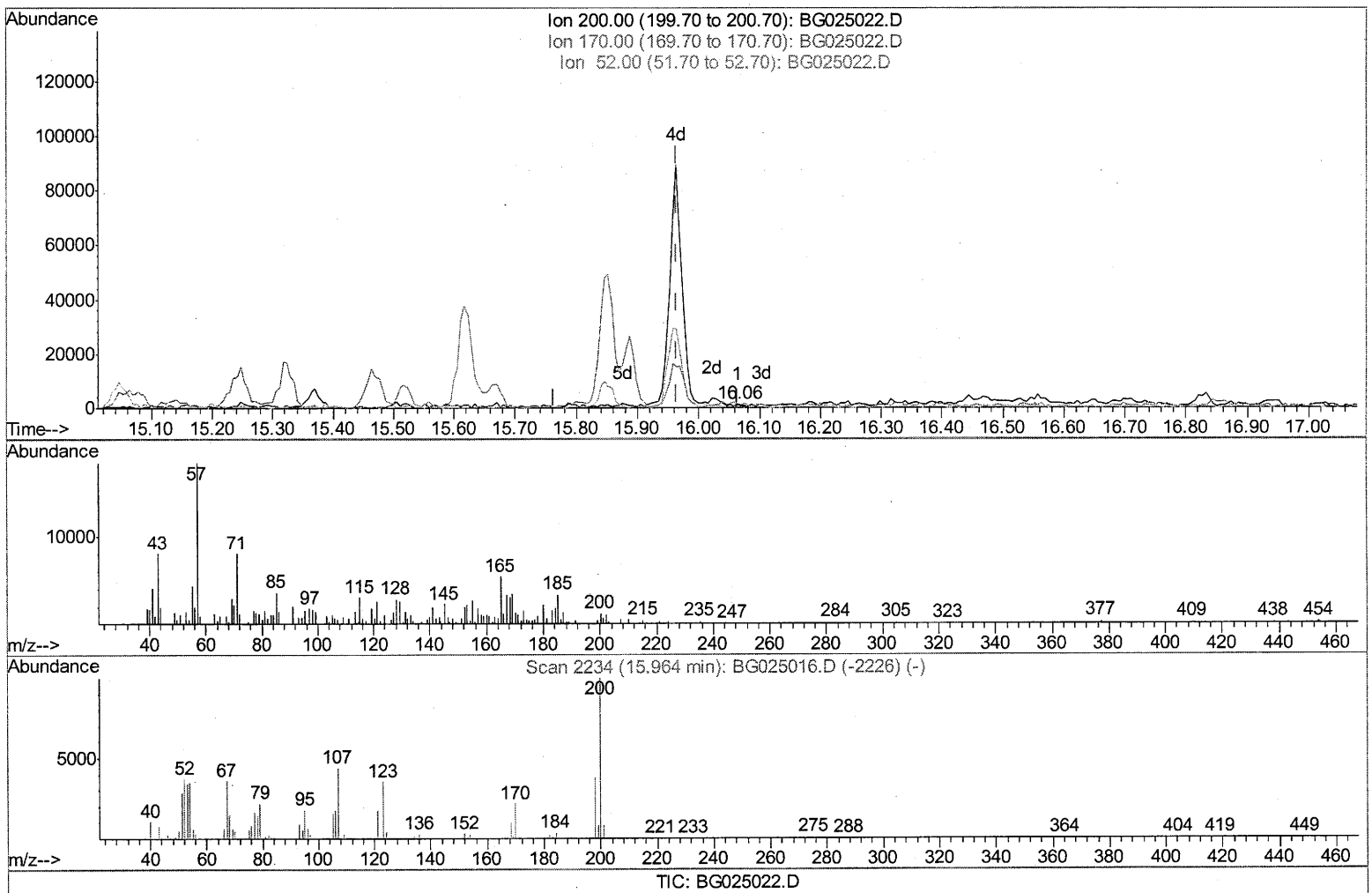
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120816\
Data File : BG025022.D
Acq On : 9 Dec 2016 1:13
Operator : UM/SJ
Sample : H5863-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 09 03:08:25 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 01:31:52 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DA7Z0

Manual Integrations APPROVED
sohil
12/9/2016 3:41:19 PM



TIC: BG025022.D

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

16.063min (+0.099) 0.10ng/ul

response 556

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	112.01#
52.00	47.20	26.01#
0.00	0.00	0.00

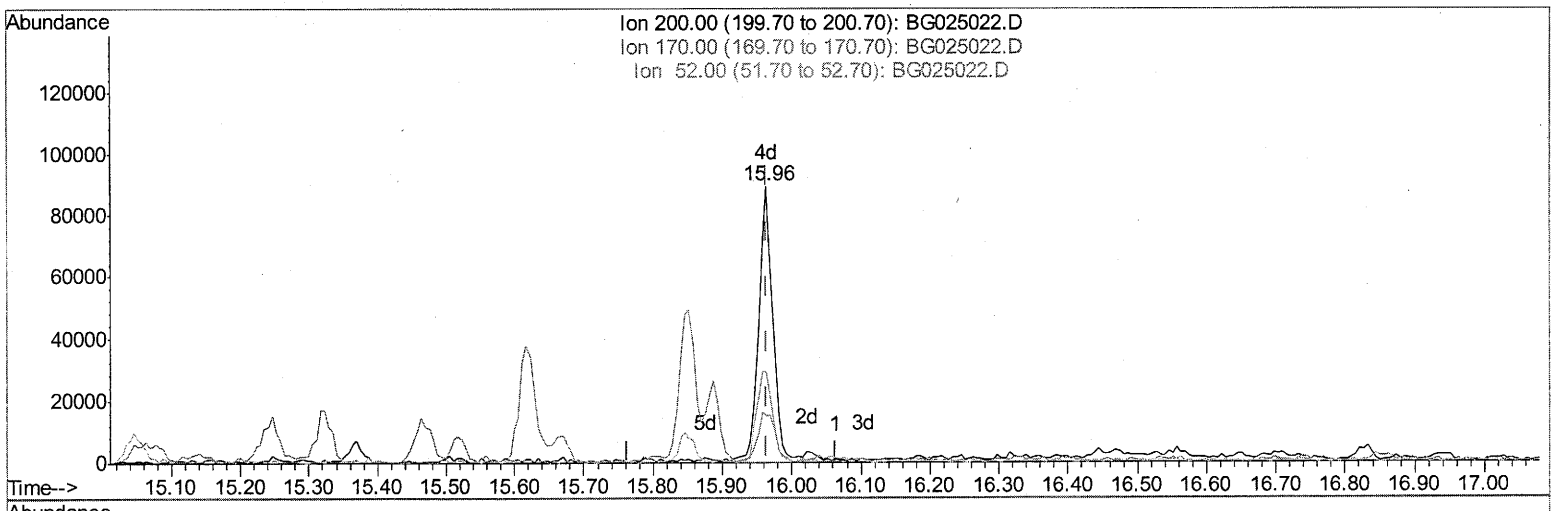
Quantitation Report (Qedit)

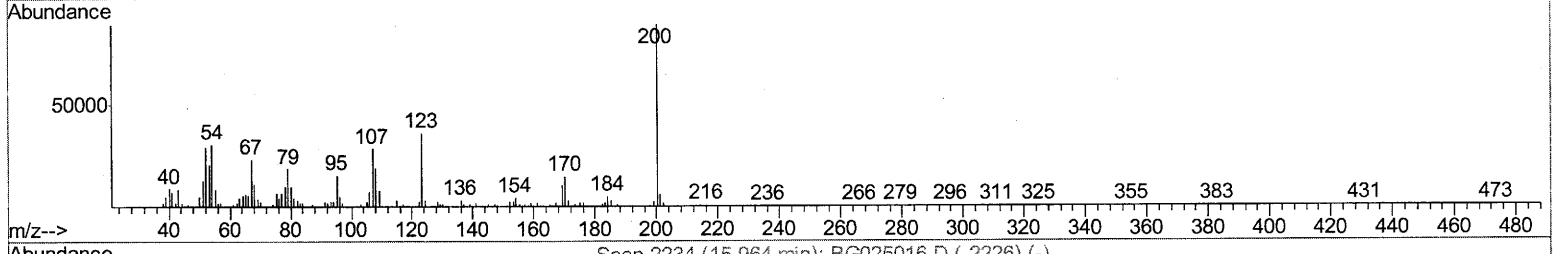
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120816\
Data File : BG025022.D
Acq On : 9 Dec 2016 1:13
Operator : UM/SJ
Sample : H5863-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

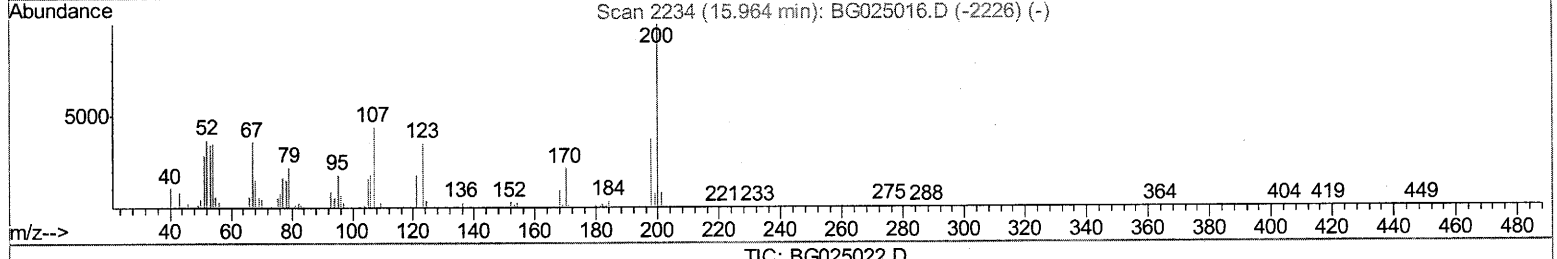
Quant Time: Dec 09 03:08:25 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 01:31:52 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DA7Z0

Manual Integrations APPROVED
sohil
12/9/2016 3:41:19 PM







TIC: BG025022.D

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

15.963min (-0.000) 23.06ng/ul m

response 128040

UM
12/09/16

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	16.86#
52.00	47.20	32.78#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120816\
Data File : BG025022.D
Acq On : 9 Dec 2016 1:13
Operator : UM/SJ
Sample : H5863-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA7Z0

Manual Integrations APPROVED
sohil
12/9/2016 3:41:19 PM

Quant Time: Dec 09 03:08:52 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 01:31:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	121999	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	487027	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	388190	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	897853m	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1170452m	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	1227006m	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	8309	3.52	ng/uL	0.00
5) Phenol-d5	7.39	99	208960	19.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	131543	20.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	153916	20.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	178120	20.25	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	78895	22.88	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	93911	21.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	183202	22.16	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	139718	17.19	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	642219	24.05	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	690103	23.59	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	102517	22.34	ng/ul	0.00
57) Fluorene-d10	15.85	176	584185	23.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	128040m	23.06	ng/ul	0.00
70) Anthracene-d10	17.70	188	957098	25.26	ng/ul	0.00
76) Pyrene-d10	19.98	212	1172101	24.31	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	1260741	25.36	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.41	94	37308	3.45	ng/ul#	85
14) Acetophenone	9.07	105	30848	2.30	ng/ul	97
28) Naphthalene	11.12	128	26211	1.16	ng/ul	94
34) 2-Methylnaphthalene	12.70	142	24921	1.39	ng/ul	97
44) Dimethylphthalate	14.30	163	113417	4.32	ng/ul	98
58) Fluorene	15.90	166	27016	1.08	ng/ul#	79

UM 12/09/16

UM 12/09/16

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