

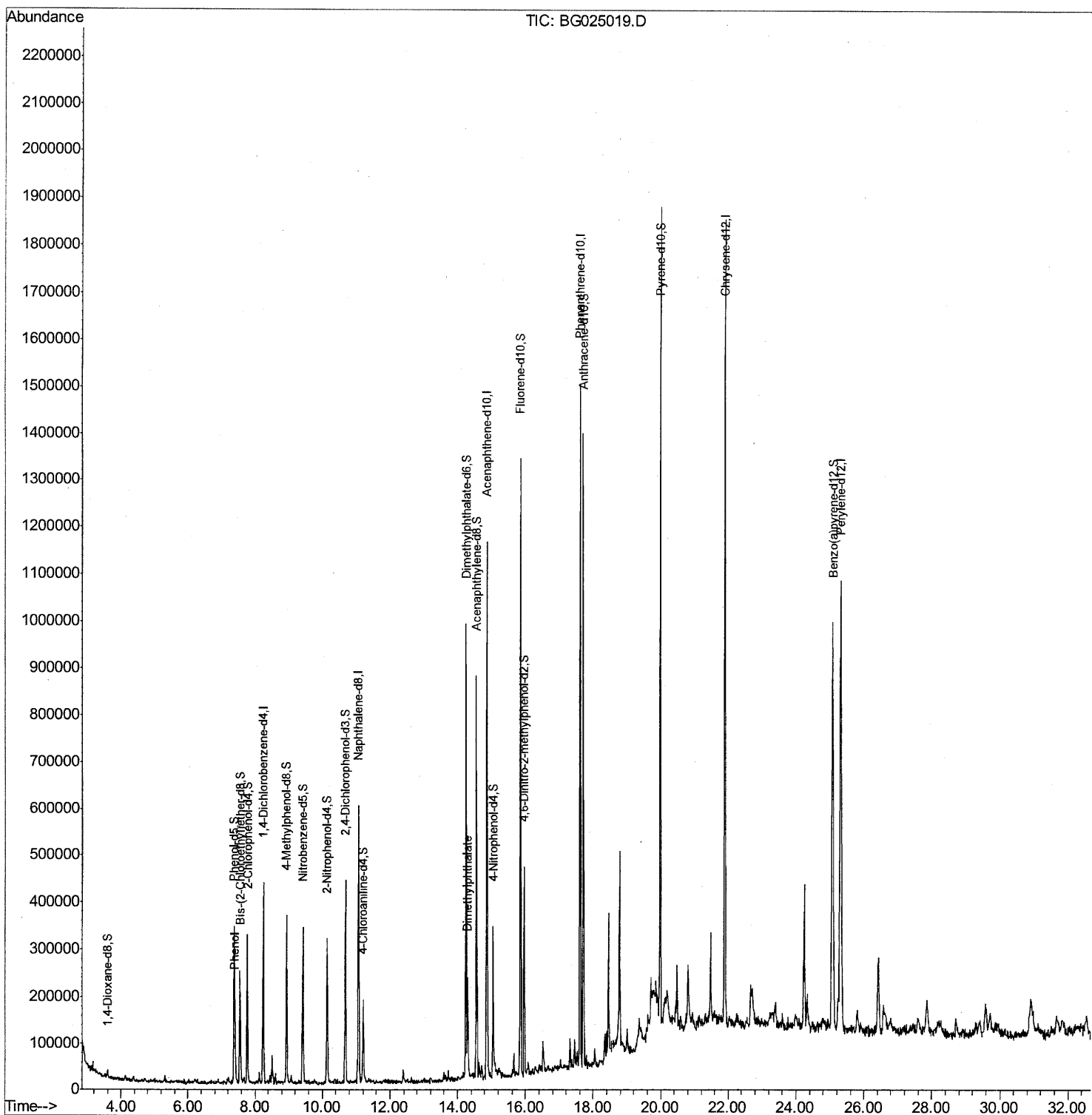
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120816\
Data File : BG025019.D
Acq On : 8 Dec 2016 23:15
Operator : UM/SJ
Sample : H5863-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA7Y7

Manual Integrations
APPROVED

sohil
12/9/2016 3:41:28 PM

Quant Time: Dec 09 06:29:36 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



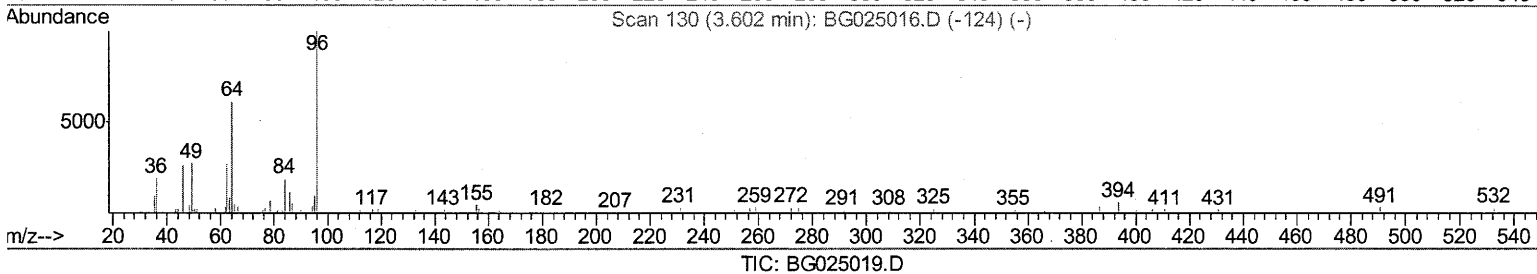
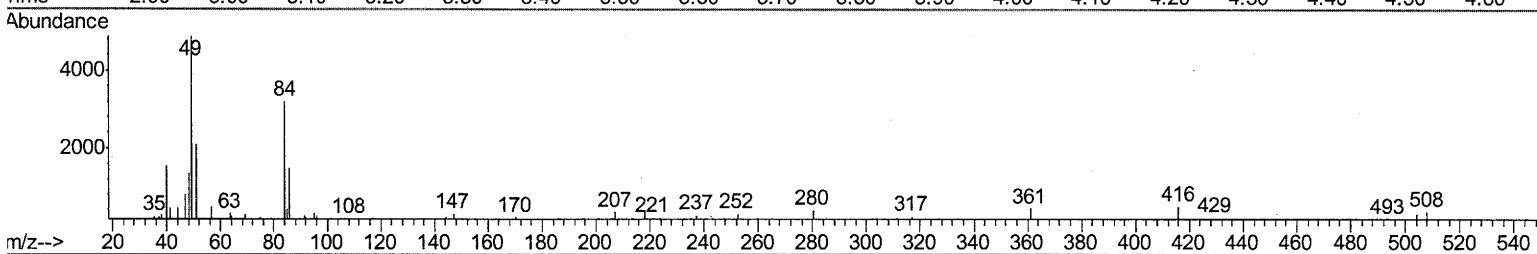
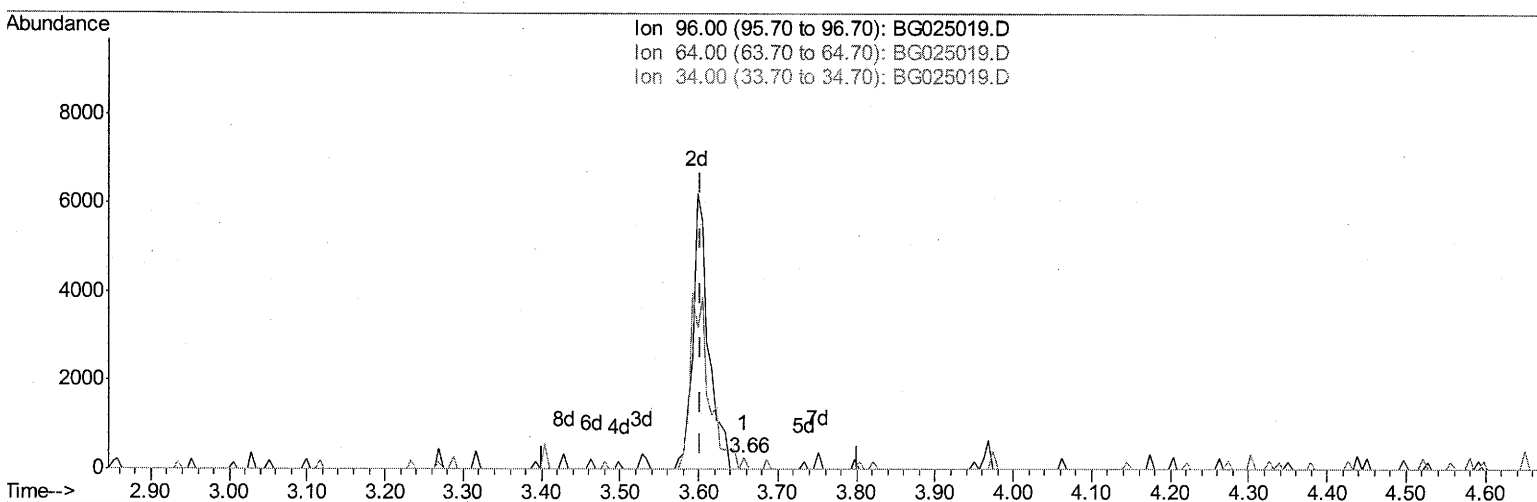
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120816\
Data File : BG025019.D
Acq On : 8 Dec 2016 23:15
Operator : UM/SJ
Sample : H5863-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA7Y7

Manual Integrations
APPROVED

sohil
12/9/2016 3:41:28 PM

Quant Time: Dec 09 01:34:58 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



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

3.657min (+0.055) 0.04ng/uL

response 90

Ion	Exp%	Act%
96.00	100	100
64.00	88.90	103.54
34.00	0.00	0.00
0.00	0.00	0.00

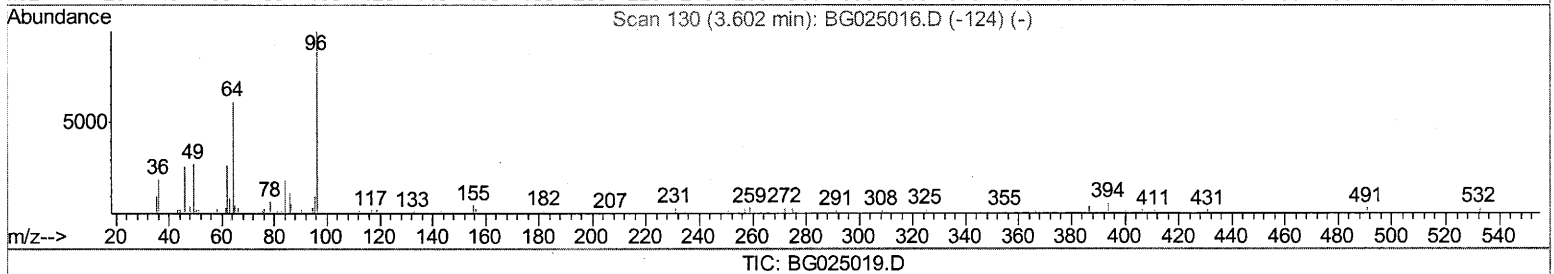
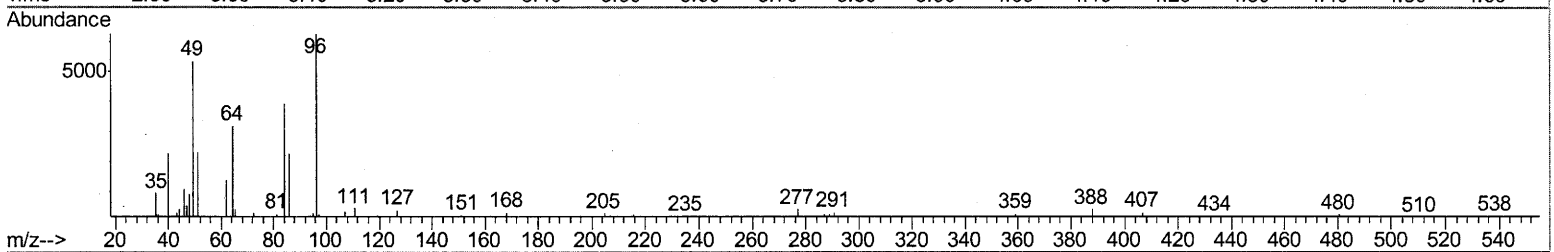
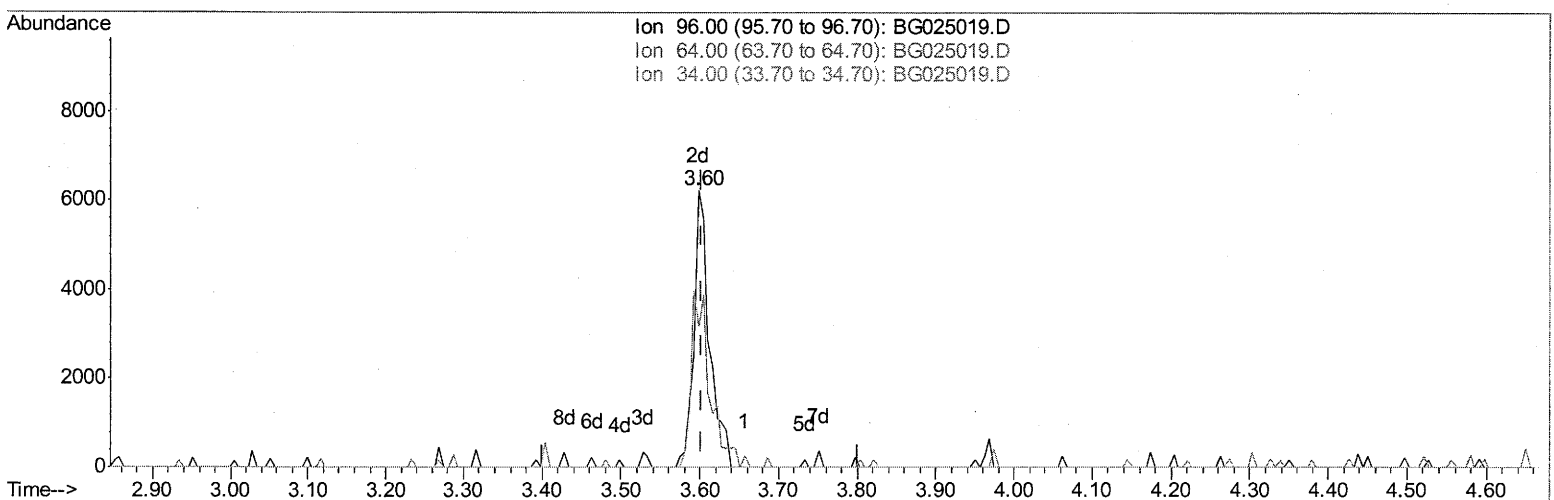
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120816\
Data File : BG025019.D
Acq On : 8 Dec 2016 23:15
Operator : UM/SJ
Sample : H5863-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA7Y7

Manual Integrations
APPROVED

sohil
12/9/2016 3:41:28 PM

Quant Time: Dec 09 01:34:58 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



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

3.598min (-0.004) 3.87ng/uL m

response 8661

Ion	Exp%	Act%
96.00	100	100
64.00	88.90	50.88#
34.00	0.00	0.00
0.00	0.00	0.00

UM
12/09/16

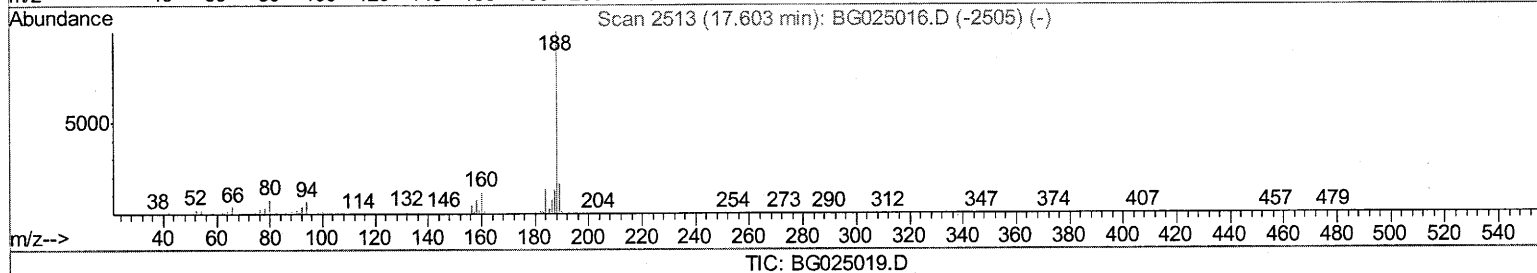
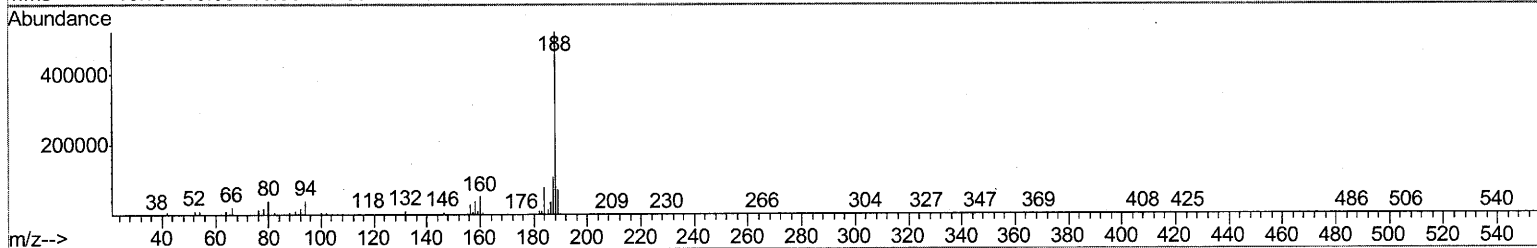
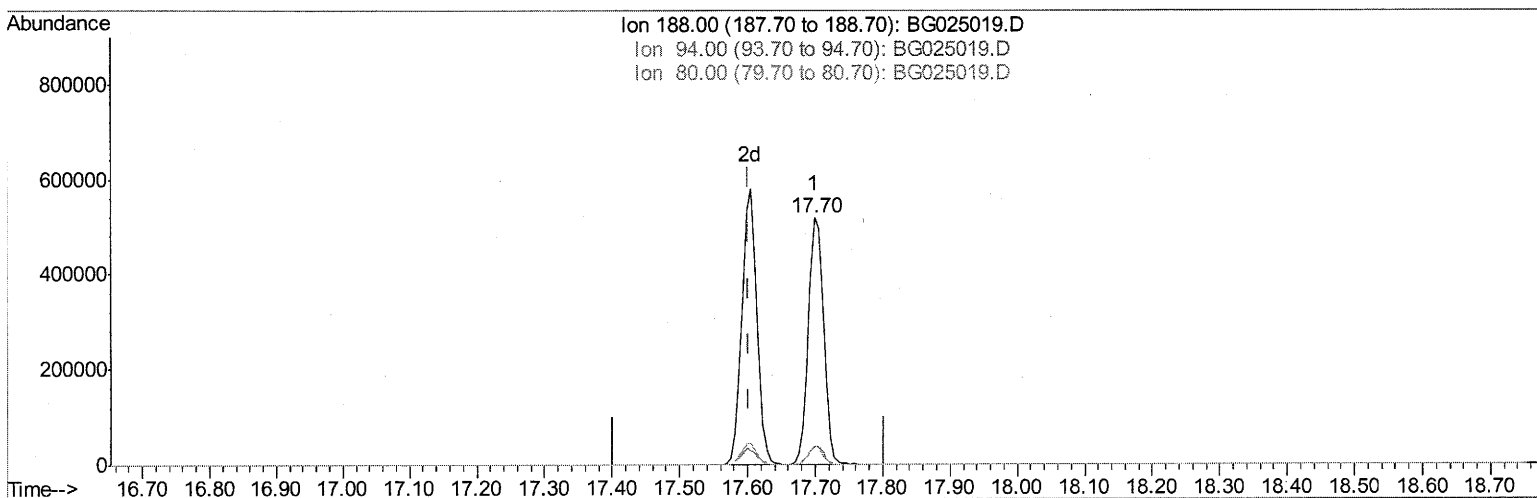
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120816\
Data File : BG025019.D
Acq On : 8 Dec 2016 23:15
Operator : UM/SJ
Sample : H5863-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
DA7Y7

Manual Integrations
APPROVED

sohil
12/9/2016 3:41:28 PM

Quant Time: Dec 09 01:34:58 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



(61) Phenanthrene-d10 (I)

17.699min (+0.096) 20.00ng/ul

response 814009

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	7.59
80.00	9.50	7.82
0.00	0.00	0.00

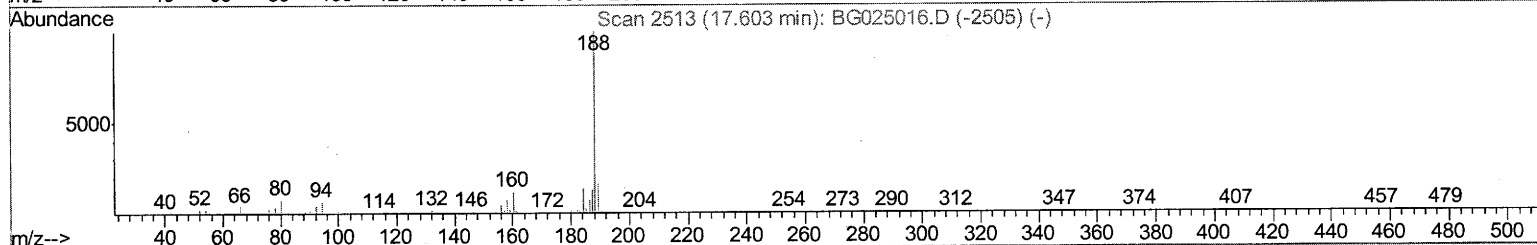
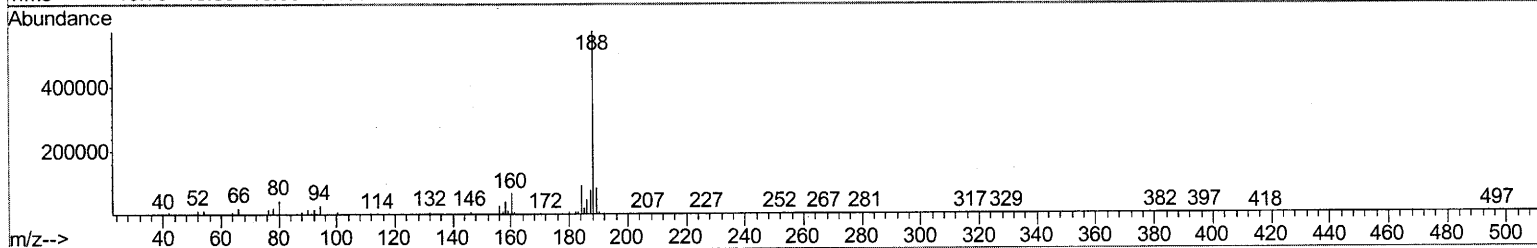
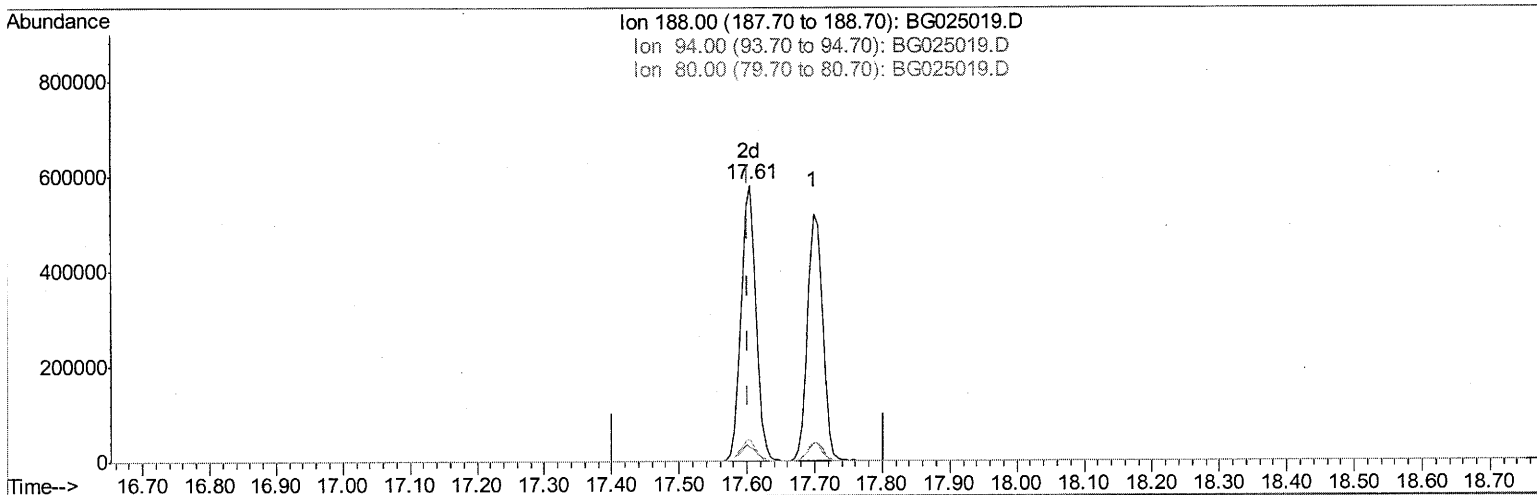
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120816\
Data File : BG025019.D
Acq On : 8 Dec 2016 23:15
Operator : UM/SJ
Sample : H5863-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
DA7Y7

Manual Integrations
APPROVED

sohil
12/9/2016 3:41:28 PM

Quant Time: Dec 09 01:34:58 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



TIC: BG025019.D

(61) Phenanthrene-d10 (I)

17.605min (+0.002) 20.00ng/ul m

response 900091

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	5.18#
80.00	9.50	7.92
0.00	0.00	0.00

UM
12/09/16

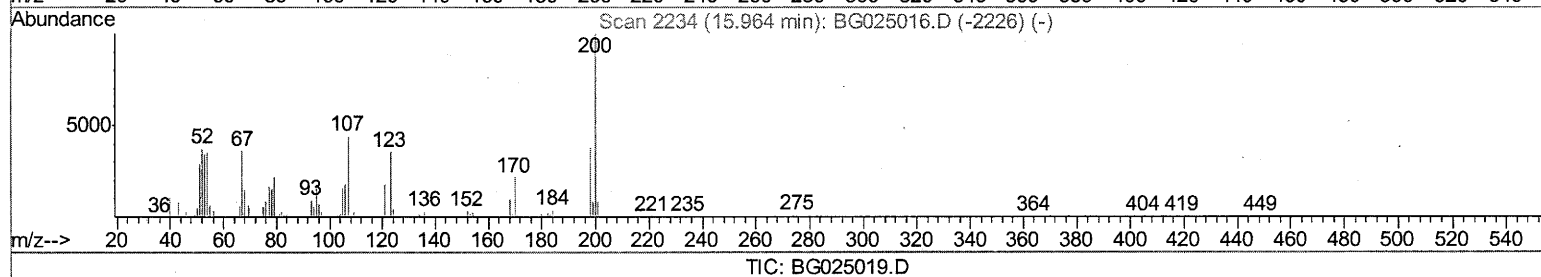
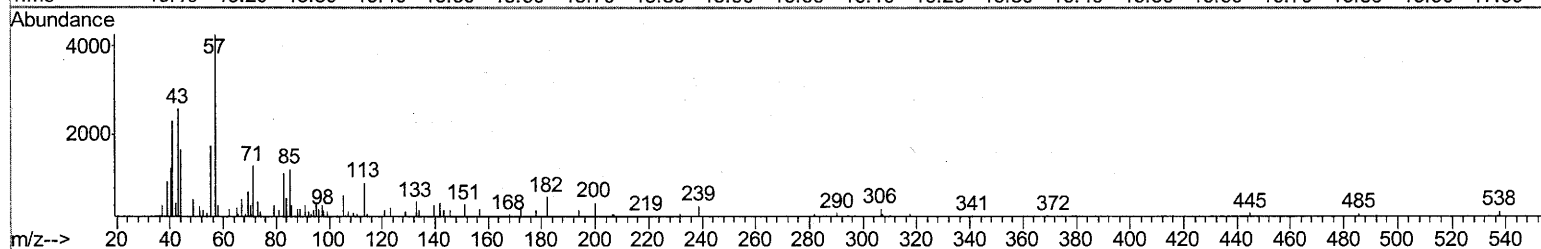
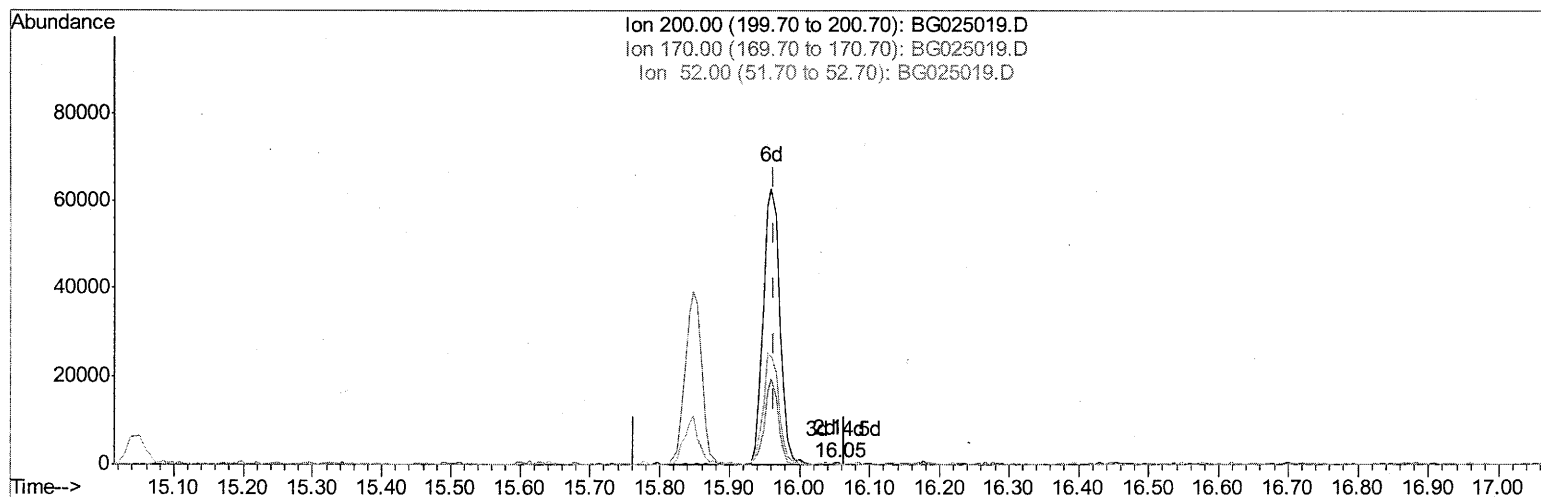
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120816\
Data File : BG025019.D
Acq On : 8 Dec 2016 23:15
Operator : UM/SJ
Sample : H5863-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA7Y7

Manual Integrations
APPROVED

sohil
12/9/2016 3:41:28 PM

Quant Time: Dec 09 06:29:13 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



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

16.054min (+0.090) 0.04ng/ul

response 234

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	0.00#
52.00	47.20	61.55#
0.00	0.00	0.00

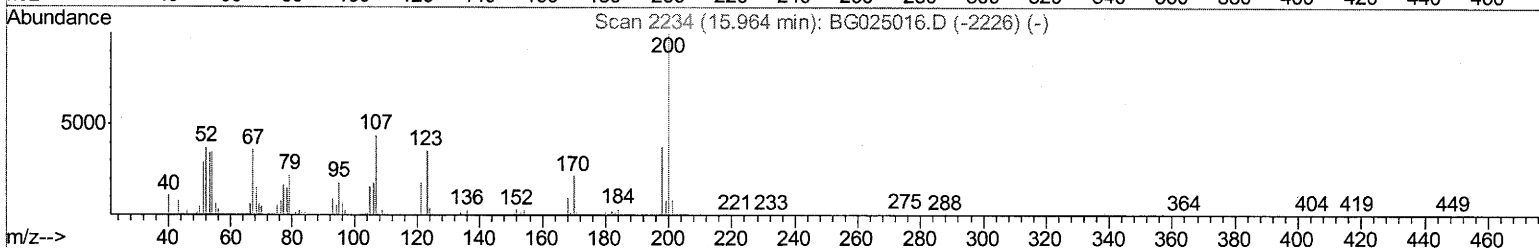
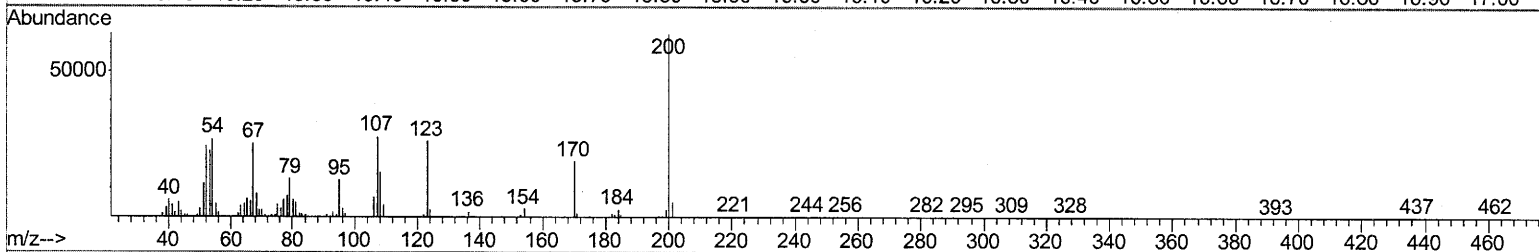
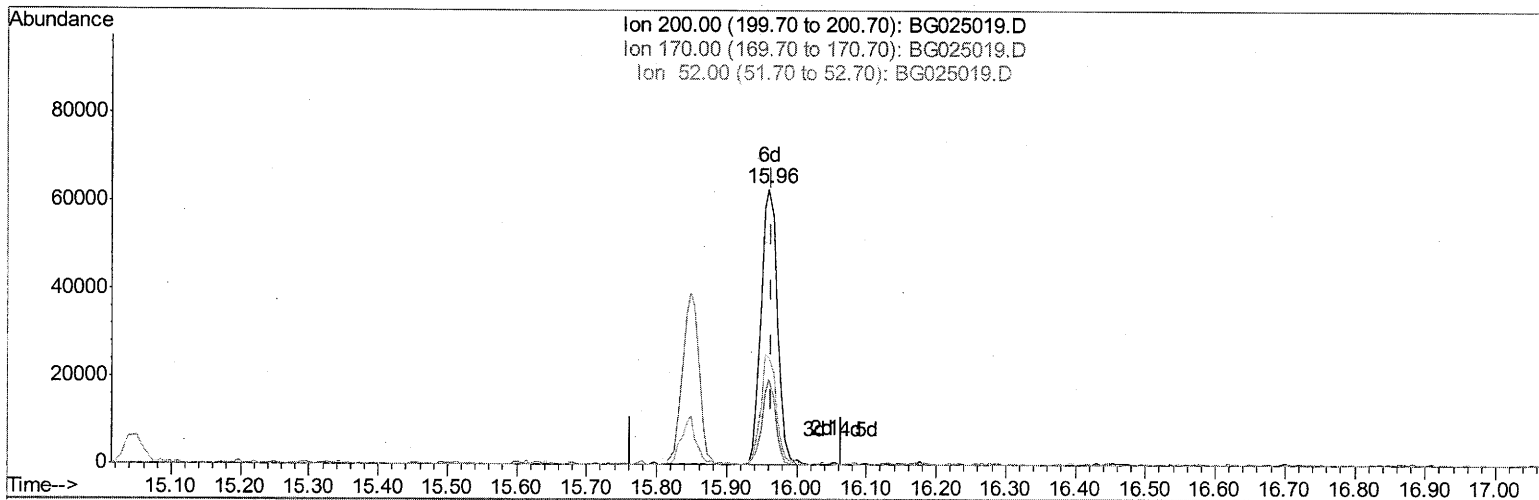
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120816\
Data File : BG025019.D
Acq On : 8 Dec 2016 23:15
Operator : UM/SJ
Sample : H5863-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
DA7Y7

Manual Integrations
APPROVED

sohil
12/9/2016 3:41:28 PM

Quant Time: Dec 09 06:29:13 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



TIC: BG025019.D

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

15.960min (-0.004) 18.45ng/ul m

response 102673

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	30.83#
52.00	47.20	39.17
0.00	0.00	0.00

UM
12/09/16

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120816\
 Data File : BG025019.D
 Acq On : 8 Dec 2016 23:15
 Operator : UM/SJ
 Sample : H5863-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 DA7Y7

Manual Integrations
 APPROVED

sohil
 12/9/2016 3:41:28 PM

Quant Time: Dec 09 06:29:36 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	115517	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	484599	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	415581	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	900091m	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	1165385	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	1206003	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	8661m	3.87	ng/uL	0.00
5) Phenol-d5	7.38	99	176840	17.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	118317	19.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	129972	18.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	135410	16.26	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	74294	21.65	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	91841	21.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	159341	19.37	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	96399	11.92	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	629339	22.02	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	629441	20.10	ng/ul	0.00
51) 4-Nitrophenol-d4	15.04	143	71862	14.63	ng/ul	0.00
57) Fluorene-d10	15.85	176	558572	20.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	102673m	18.45	ng/ul	0.00
70) Anthracene-d10	17.70	188	812747	21.39	ng/ul	0.00
76) Pyrene-d10	19.97	212	997668	20.78	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	1038476	21.25	ng/ul	0.00

UM
 12/09/16

UM 12/09/16

Target Compounds					Qvalue
6) Phenol	7.41	94	35863	3.51 ng/ul#	85
44) Dimethylphthalate	14.30	163	127991	4.56 ng/ul#	95

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