

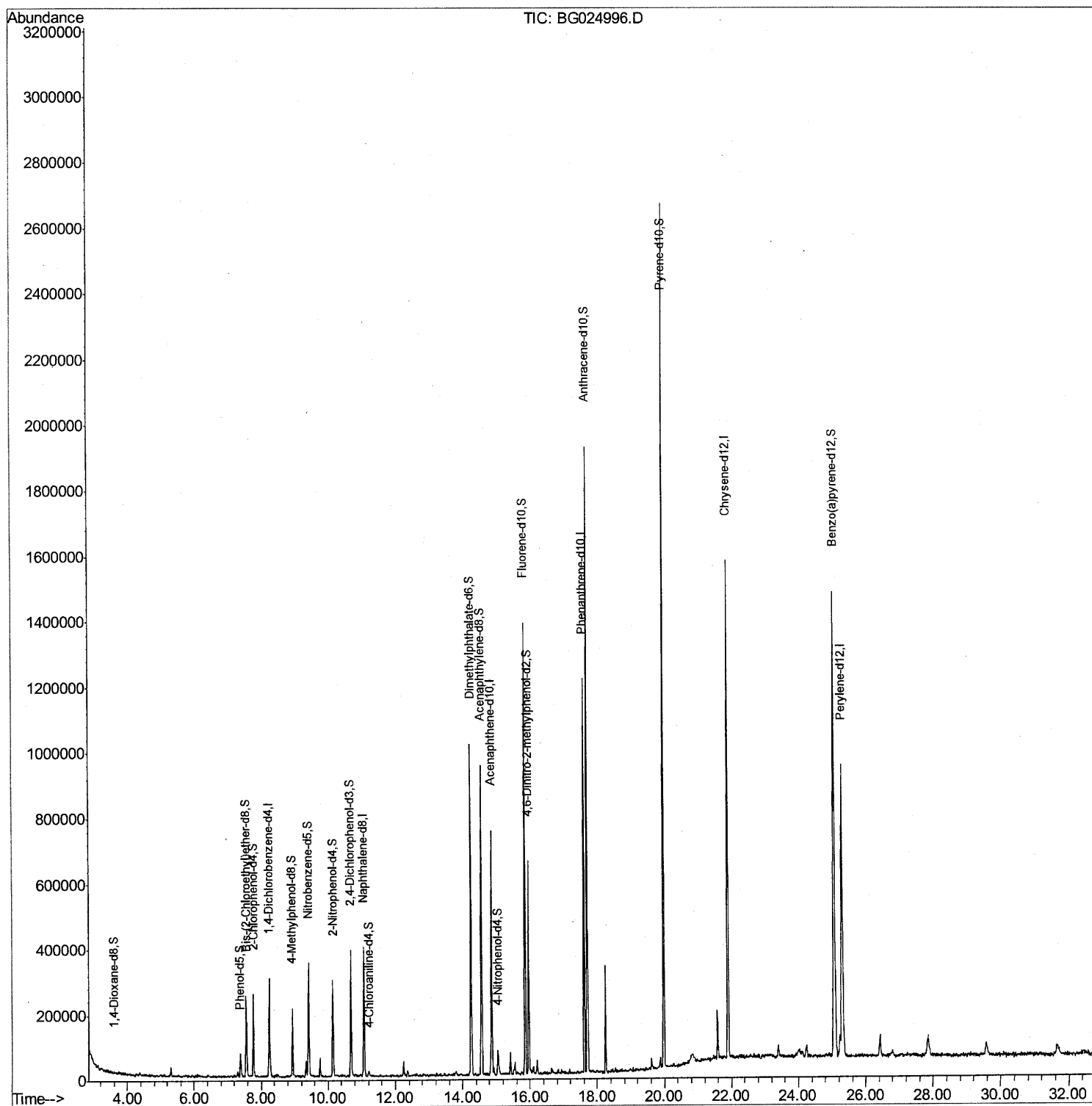
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120616\
Data File : BG024996.D
Acq On : 7 Dec 2016 1:40
Operator : UM/SJ
Sample : H5843-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
COAJ0

Manual Integrations
APPROVED

sohil
12/7/2016 4:37:47 PM

Quant Time: Dec 07 03:53:40 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 07 03:17:10 2016
Response via : Initial Calibration



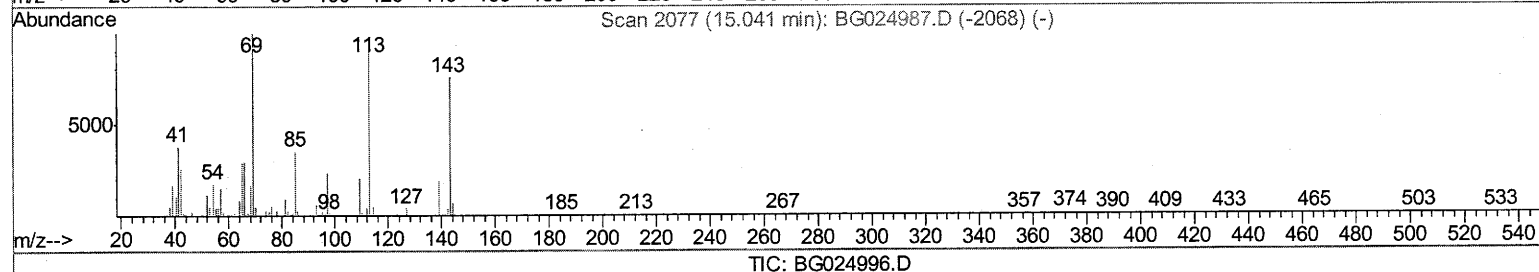
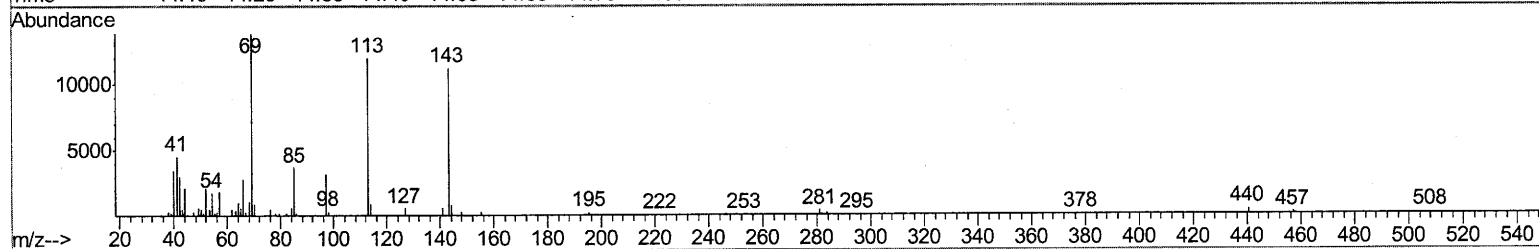
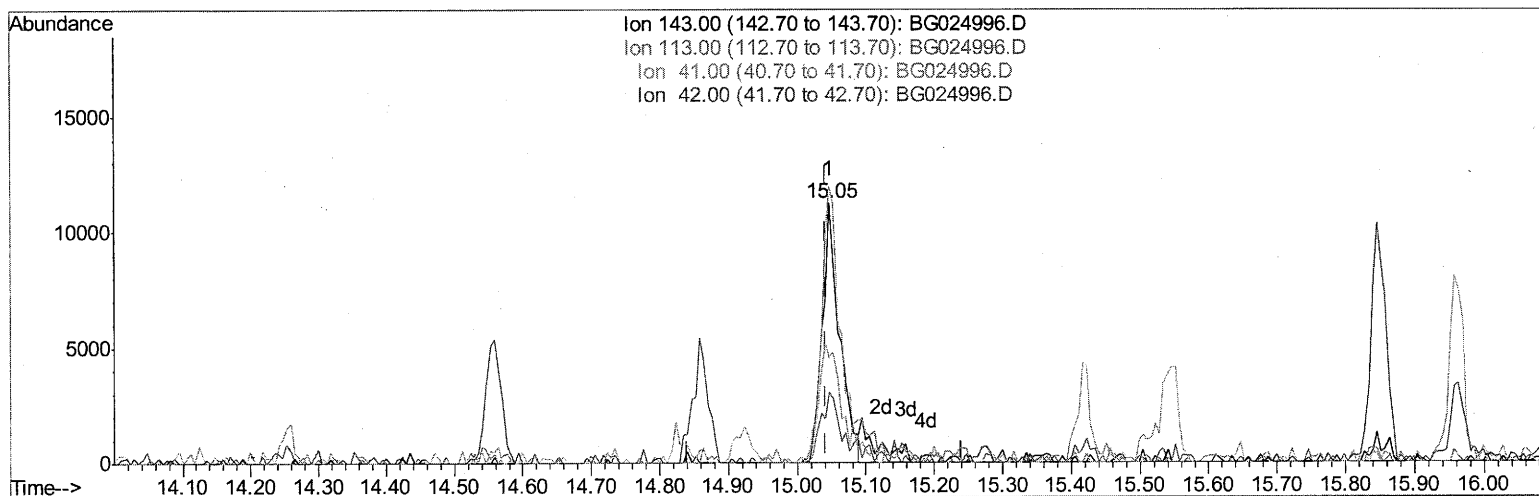
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Quant Time: Dec 07 03:21:48 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 07 03:17:10 2016
Response via : Initial Calibration



(51) 4-Nitrophenol-d4 (S)

15.046min (+0.005) 5.98ng/ul

response 19654

Ion	Exp%	Act%
143.00	100	100
113.00	117.30	106.41
41.00	58.00	40.59#
42.00	42.20	27.05#

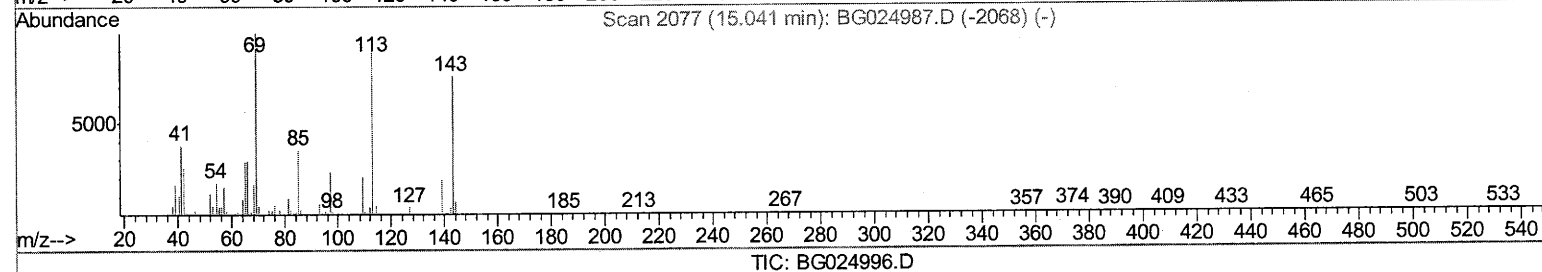
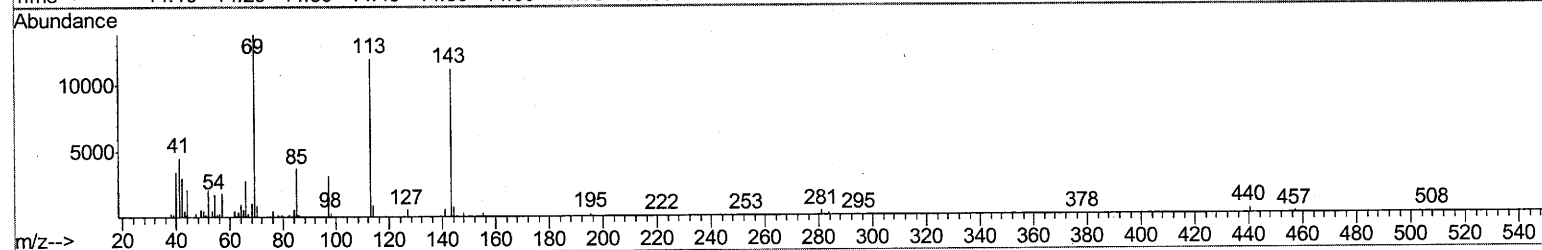
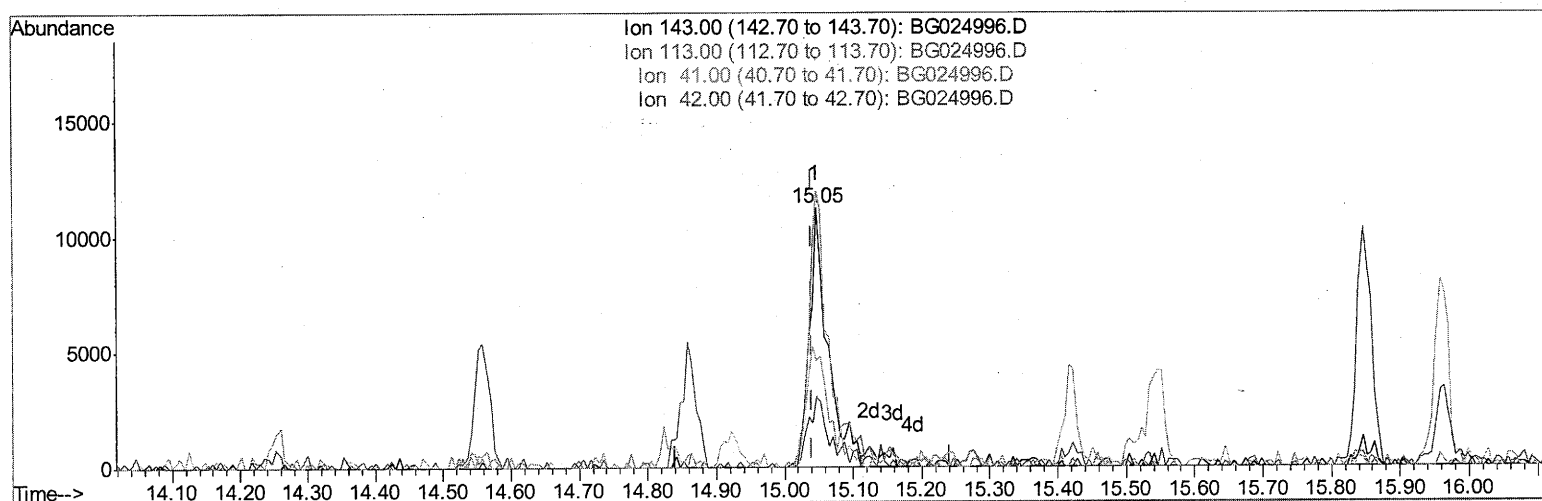
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Data File : BG024996.D
Acq On : 7 Dec 2016 1:40
Operator : UM/SJ
Sample : H5843-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COAJ0

Manual Integrations
APPROVED

sohil
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Quant Time: Dec 07 03:21:48 2016
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Response via : Initial Calibration



(51) 4-Nitrophenol-d4 (S)

15.046min (+0.005) 6.44ng/ul m

response 21167

Ion	Exp%	Act%
143.00	100	100
113.00	117.30	106.41
41.00	58.00	40.59#
42.00	42.20	27.05#

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12/08/16

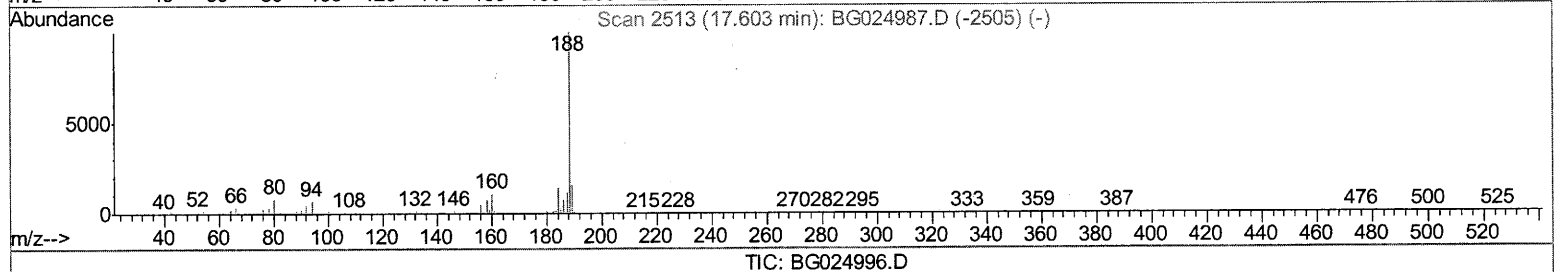
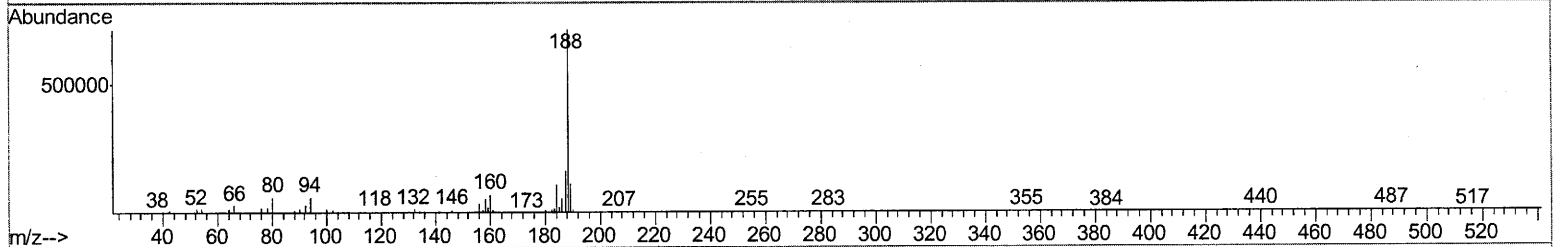
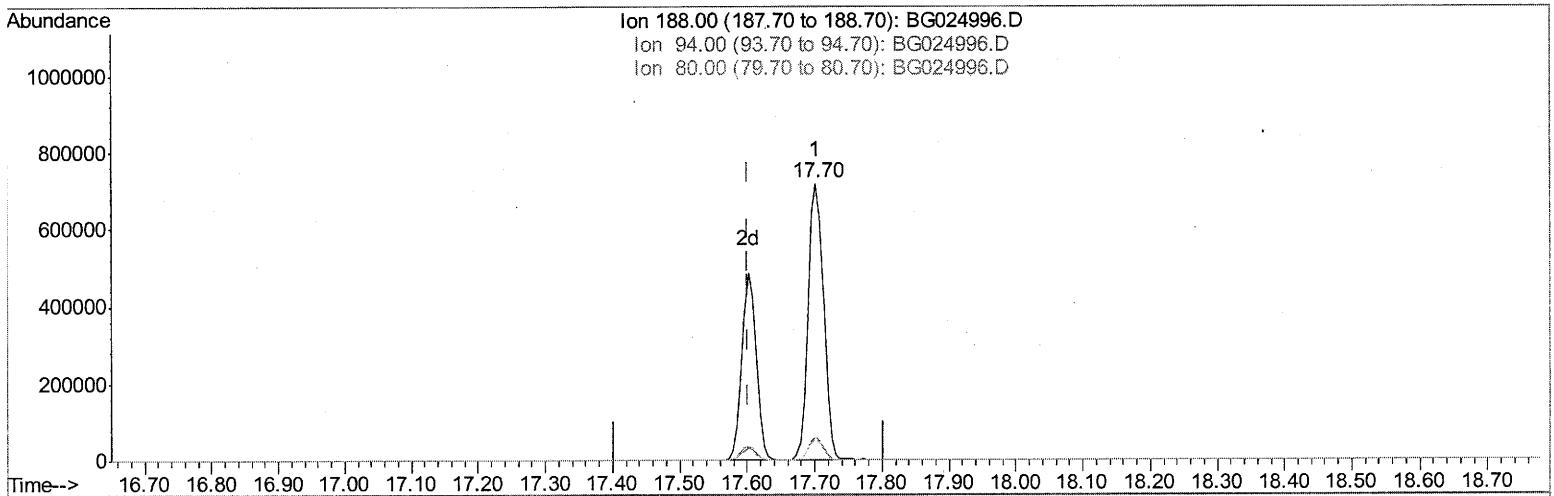
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120616\
Data File : BG024996.D
Acq On : 7 Dec 2016 1:40
Operator : UM/SJ
Sample : H5843-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AJ0

Manual Integrations
APPROVED

sohil
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Quant Time: Dec 07 03:21:48 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration



(61) Phenanthrene-d10 (I)

17.702min (+0.099) 20.00ng/ul

response 1135987

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	8.29
80.00	9.50	8.41
0.00	0.00	0.00

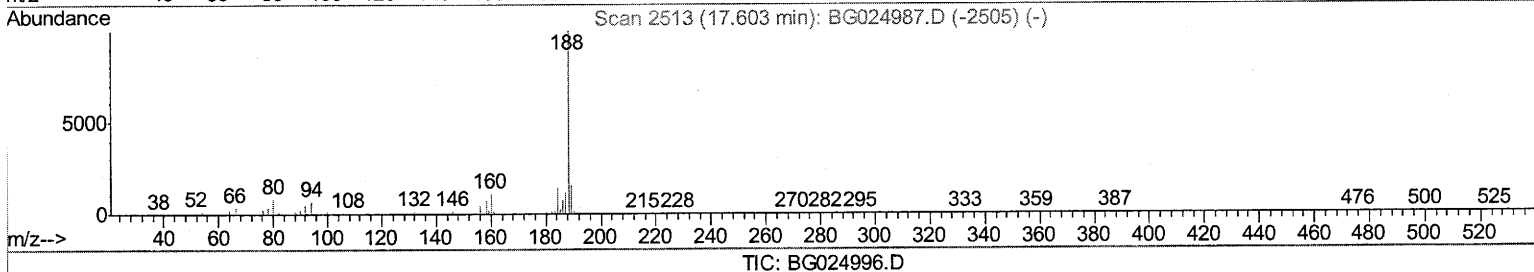
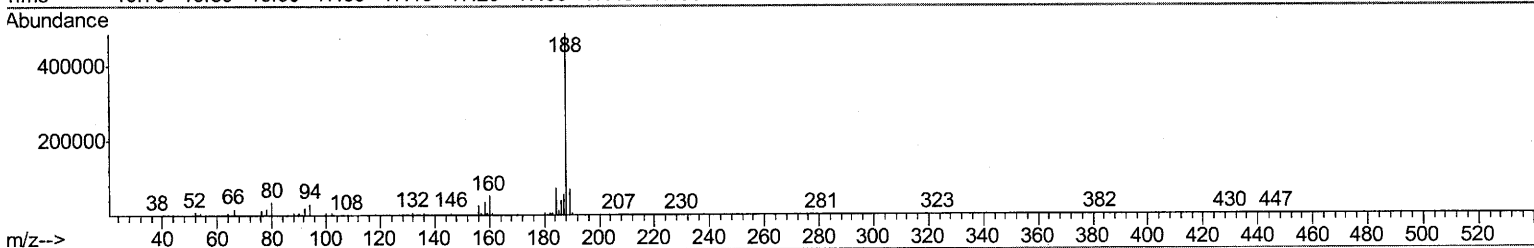
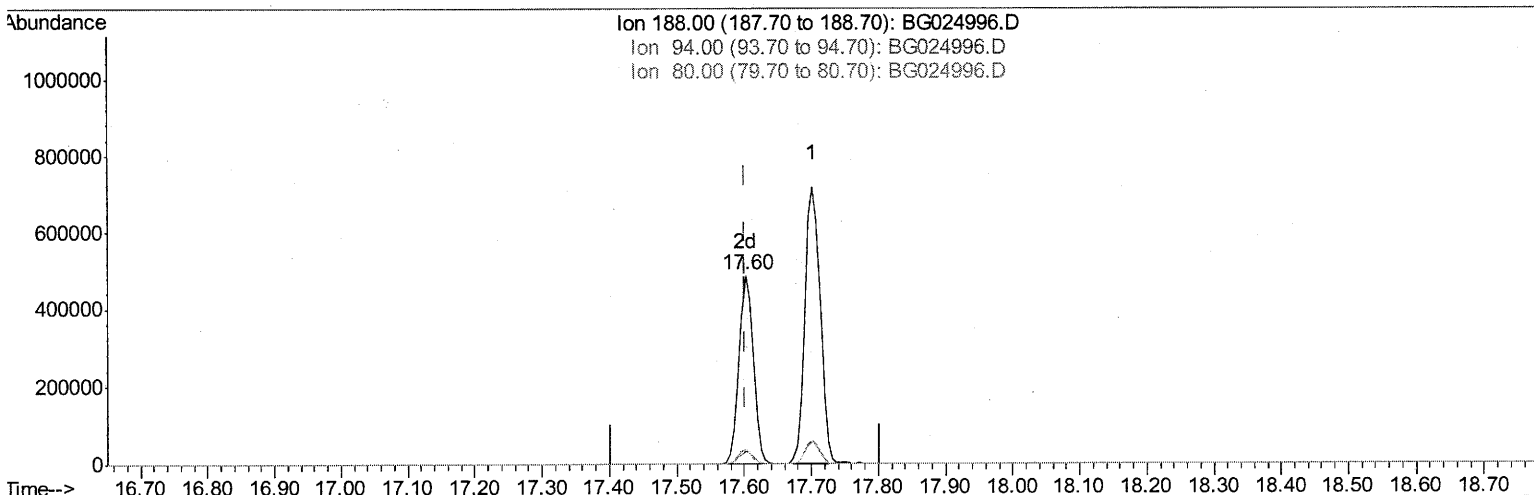
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120616\
Data File : BG024996.D
Acq On : 7 Dec 2016 1:40
Operator : UM/SJ
Sample : H5843-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AJ0

Manual Integrations
APPROVED

sohil
12/7/2016 4:37:47 PM

Quant Time: Dec 07 03:21:48 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
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Response via : Initial Calibration



(61) Phenanthrene-d10 (I)

17.602min (-0.000) 20.00ng/ul m

response 715570

UM
12/08/16

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	6.53#
80.00	9.50	7.51#
0.00	0.00	0.00

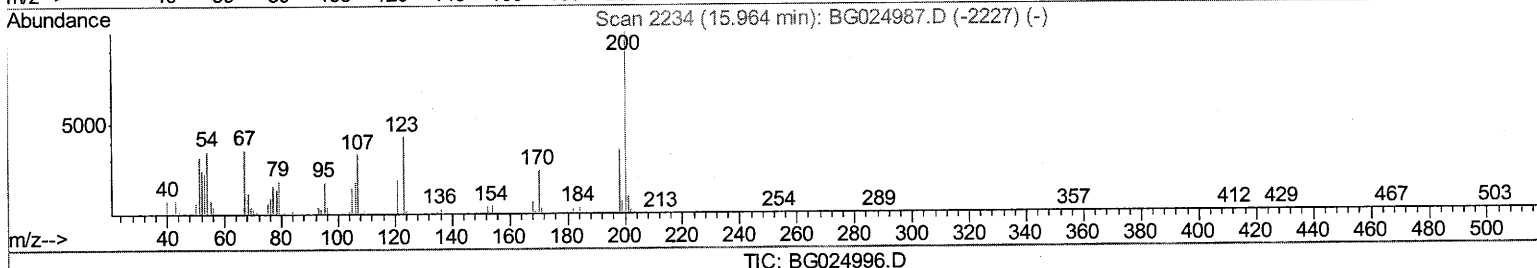
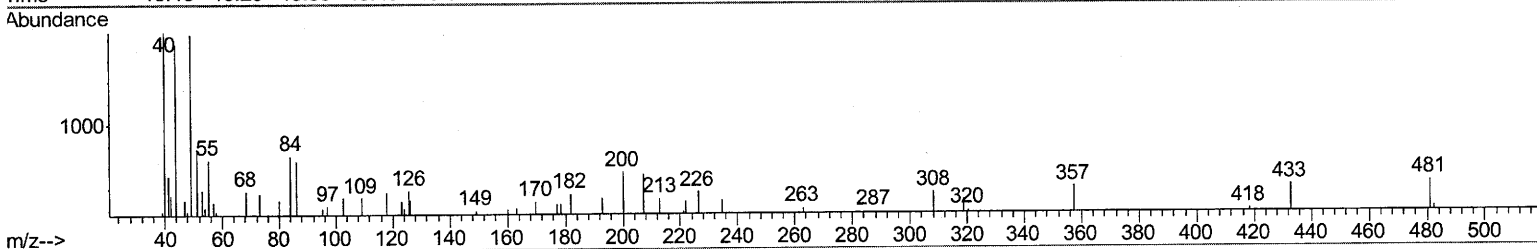
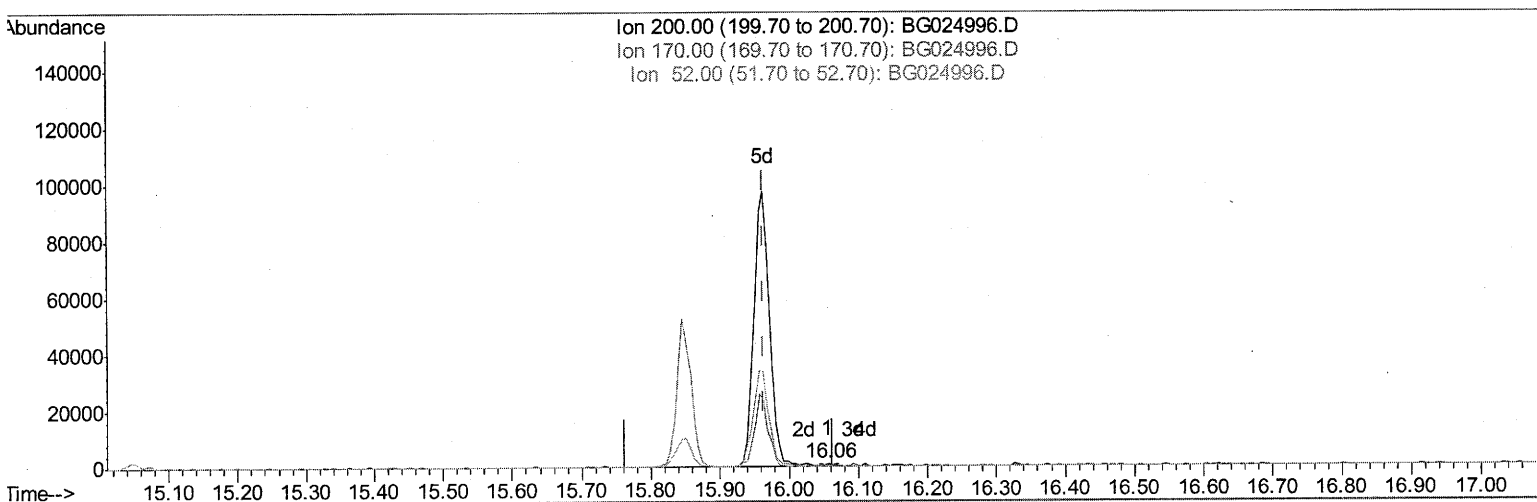
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120616\
Data File : BG024996.D
Acq On : 7 Dec 2016 1:40
Operator : UM/SJ
Sample : H5843-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COAJ0

Manual Integrations
APPROVED

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Quant Time: Dec 07 03:53:23 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 07 03:17:10 2016
Response via : Initial Calibration



TIC: BG024996.D

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

16.057min (+0.093) 0.30ng/ul

response 1316

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	25.23
52.00	47.20	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

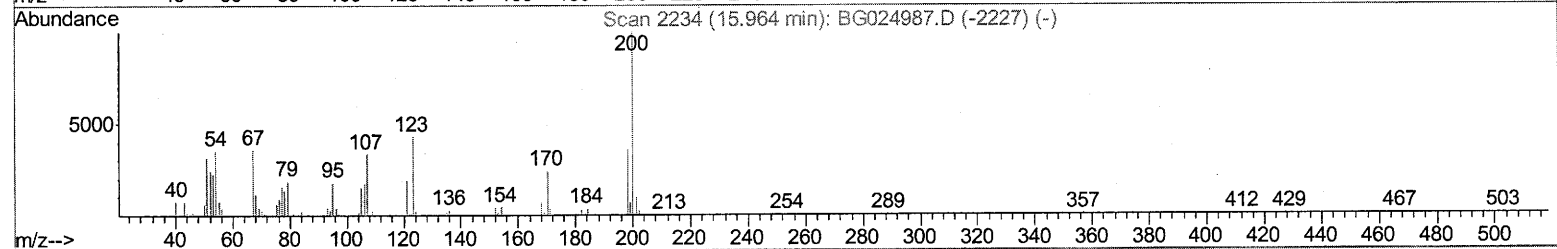
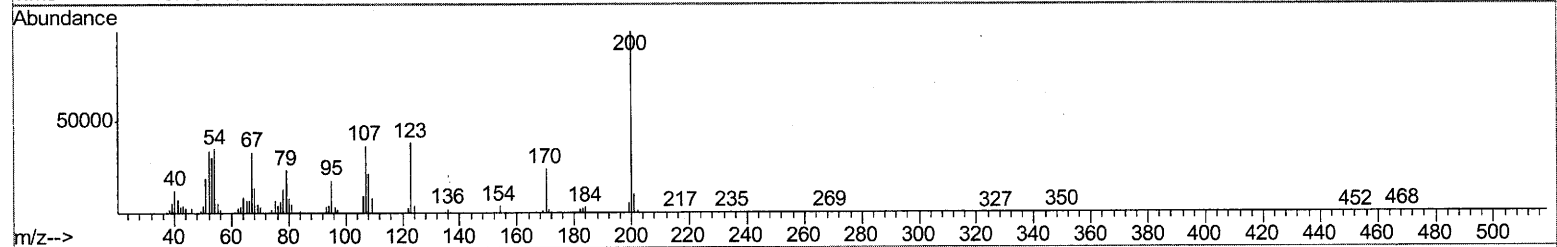
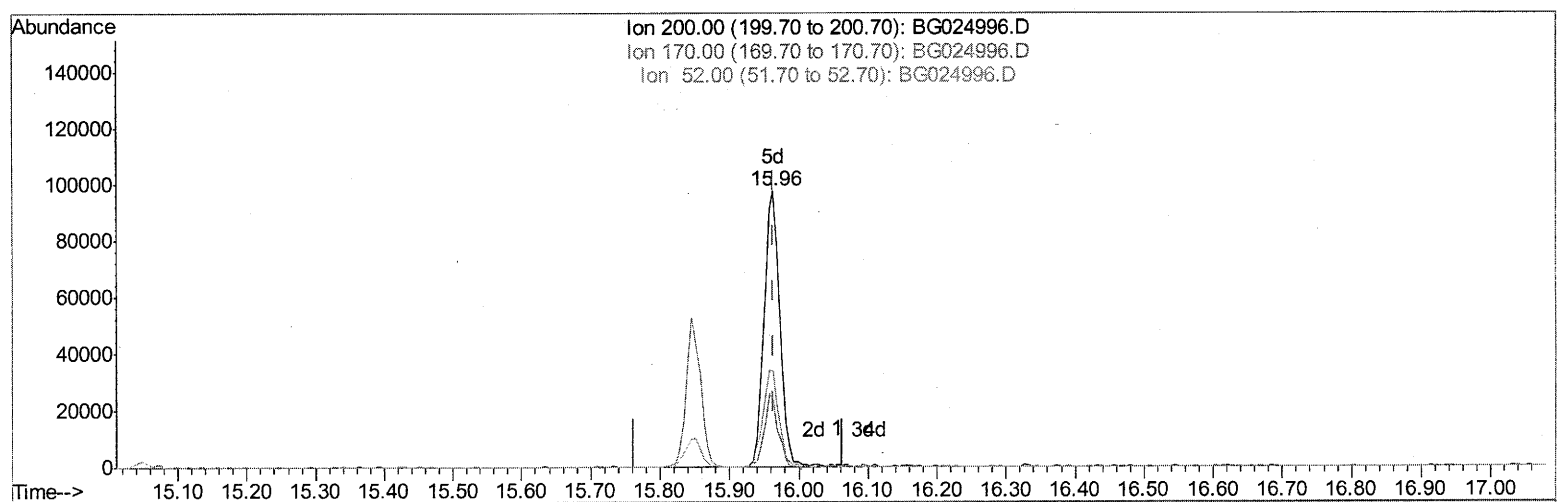
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120616\
 Data File : BG024996.D
 Acq On : 7 Dec 2016 1:40
 Operator : UM/SJ
 Sample : H5843-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COAJ0

Manual Integrations
 APPROVED

sohil
 12/7/2016 4:37:47 PM

Quant Time: Dec 07 03:53:23 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 07 03:17:10 2016
 Response via : Initial Calibration



TIC: BG024996.D

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

15.963min (-0.001) 34.60ng/ul m

response 153103

um
 12/8/16

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	24.74
52.00	47.20	34.34#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120616\
 Data File : BG024996.D
 Acq On : 7 Dec 2016 1:40
 Operator : UM/SJ
 Sample : H5843-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AJ0

Manual Integrations
 APPROVED

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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 07 03:17:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	80076	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	320945	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	277991	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	715570m	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	1032524	20.00	ng/ul	0.00
83) Perylene-d12	25.30	264	1081204	20.00	ng/ul	0.00

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System Monitoring Compounds

3) 1,4-Dioxane-d8	3.60	96	2472	1.59	ng/uL	0.00
5) Phenol-d5	7.38	99	39001	5.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	122975	28.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	107883	22.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	82171	14.23	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	70641	31.08	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	85639	30.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	141823	26.03	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	7784	1.45	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	638400	33.39	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	677343	32.34	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	21167m	6.44	ng/ul	0.00
57) Fluorene-d10	15.85	176	598180	33.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	153103m	34.60	ng/ul	0.00
70) Anthracene-d10	17.70	188	1141686	37.80	ng/ul	0.00
76) Pyrene-d10	19.98	212	1556661	36.60	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	1664500	37.99	ng/ul	0.00

} um 12/18/16

Target Compounds Qvalue

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