

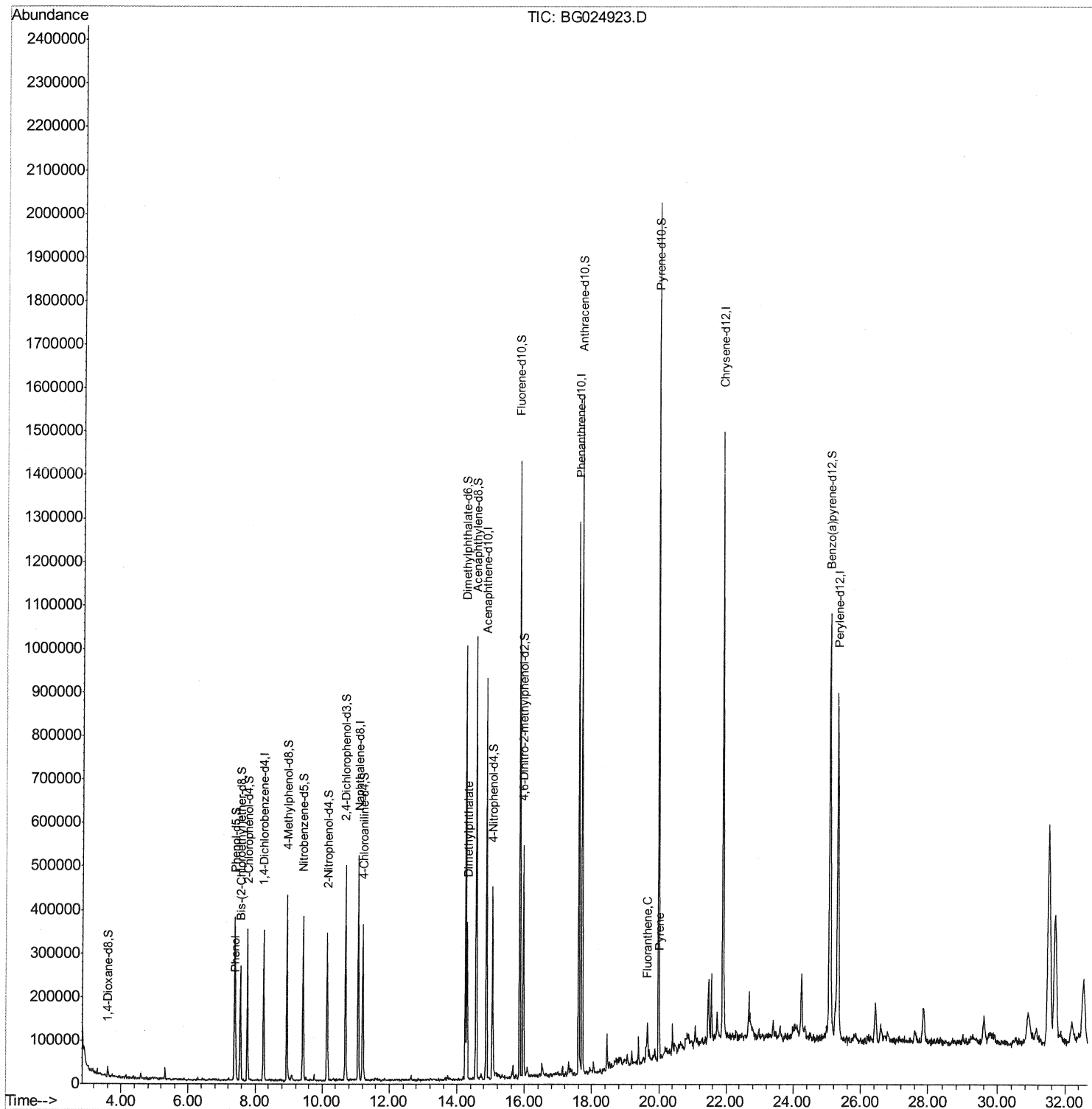
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112316\
Data File : BG024923.D
Acq On : 24 Nov 2016 1:41
Operator : UM/SJ
Sample : H5701-24
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4WG2

Manual Integrations
APPROVED

sohil
11/28/2016 4:50:07 PM

Quant Time: Nov 24 04:55:56 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG112316.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 24 01:29:39 2016
Response via : Initial Calibration



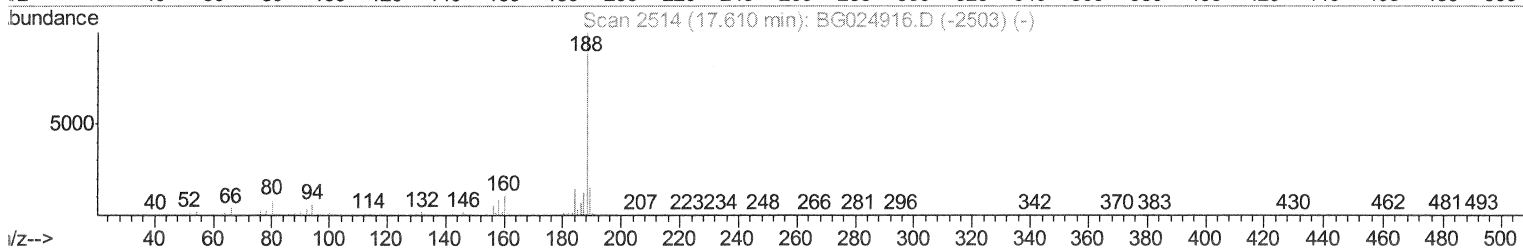
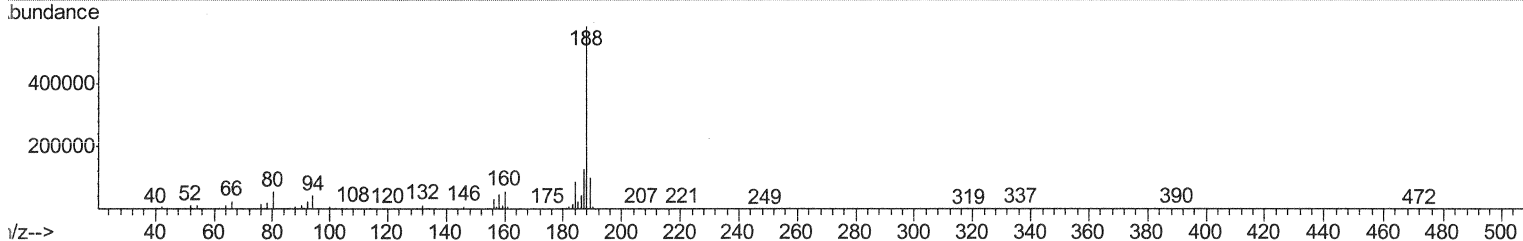
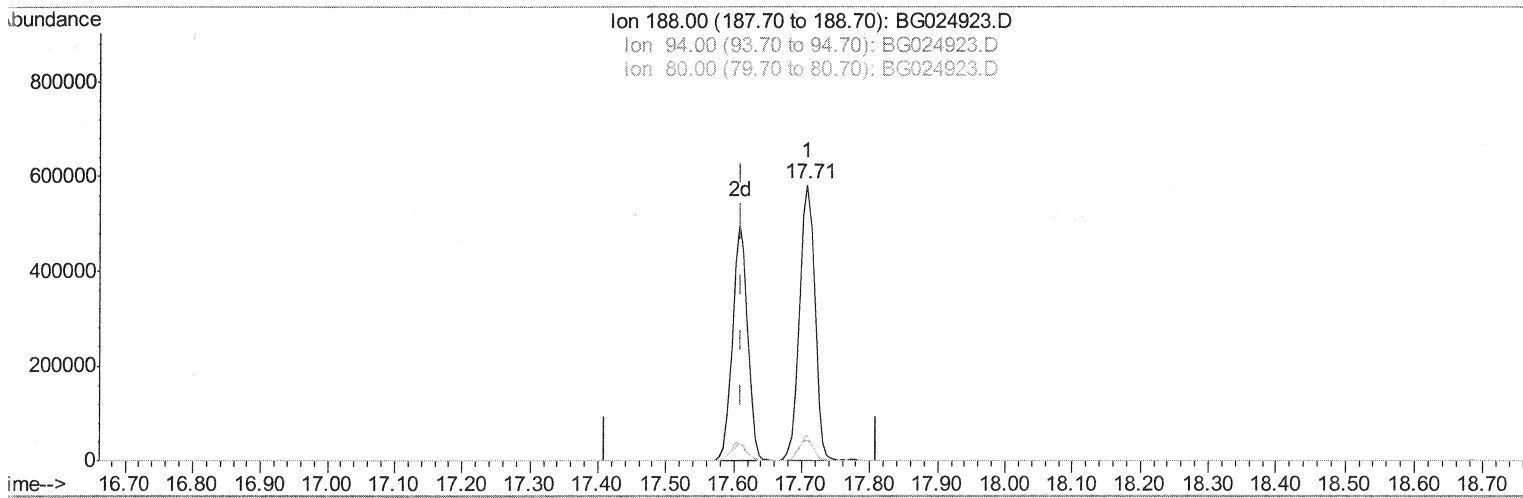
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Manual Integrations
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11/28/2016 4:50:07 PM

Quant Time: Nov 24 02:30:26 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG112316.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration



TIC: BG024923.D

(61) Phenanthrene-d10 (I)

17.708min (+0.098) 20.00ng/ul

response 919085

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	7.49
80.00	9.50	9.51
0.00	0.00	0.00

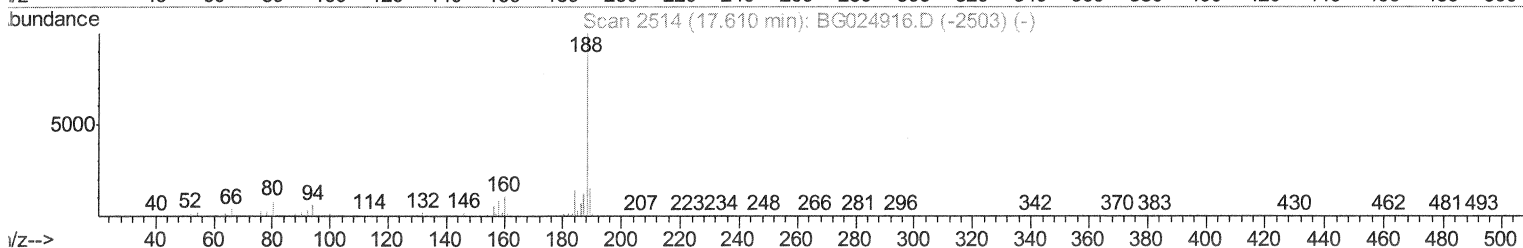
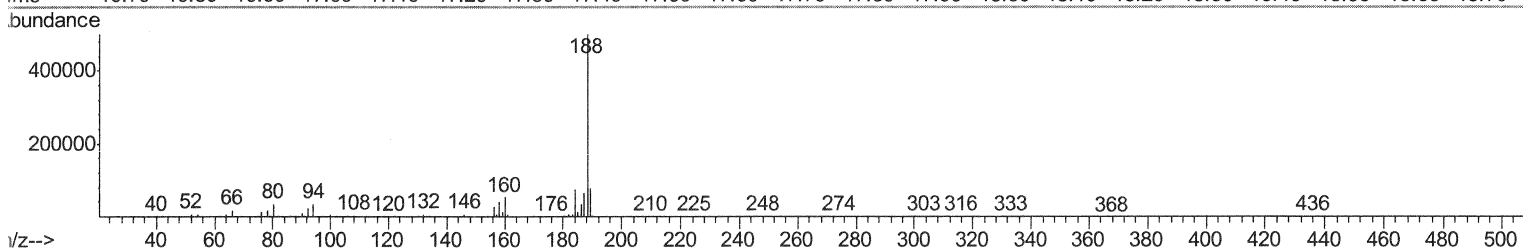
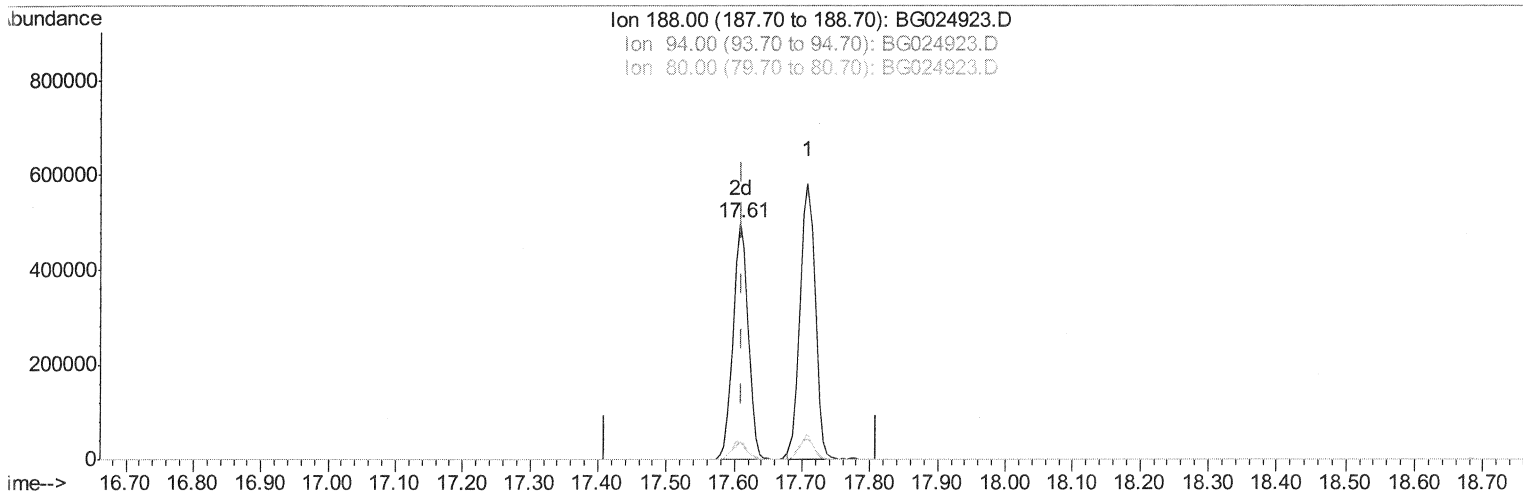
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Instrument :
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Manual Integrations
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Quant Time: Nov 24 02:30:26 2016
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TIC: BG024923.D

(61) Phenanthrene-d10 (I)

17.608min (-0.002) 20.00ng/ul m

response 784254

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	7.19
80.00	9.50	6.93#
0.00	0.00	0.00

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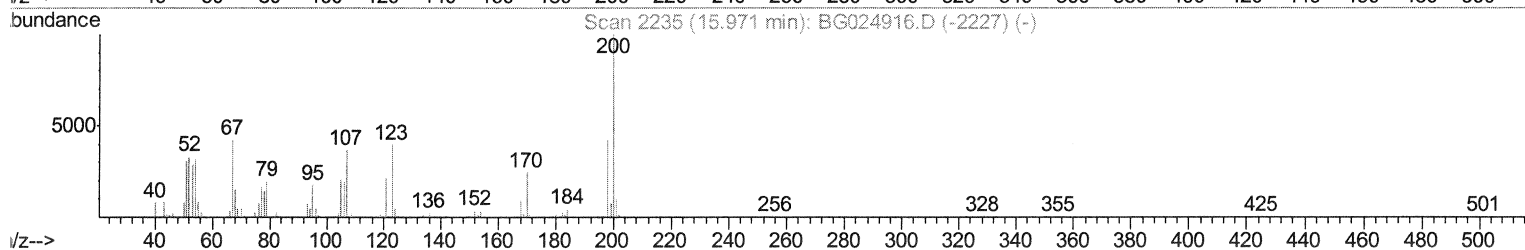
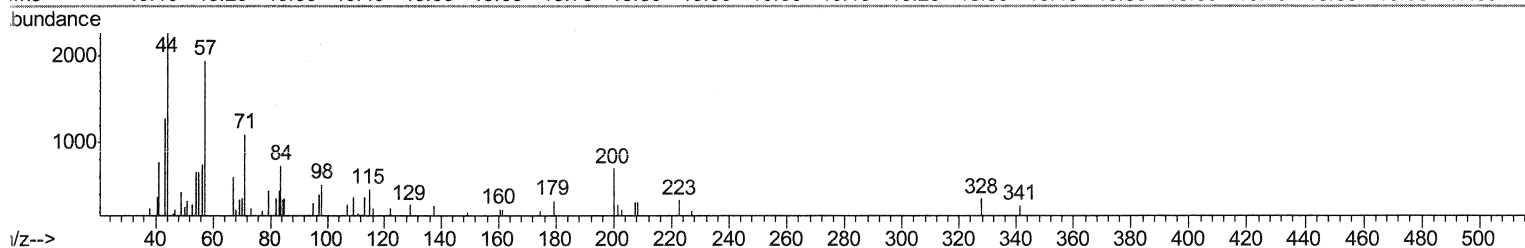
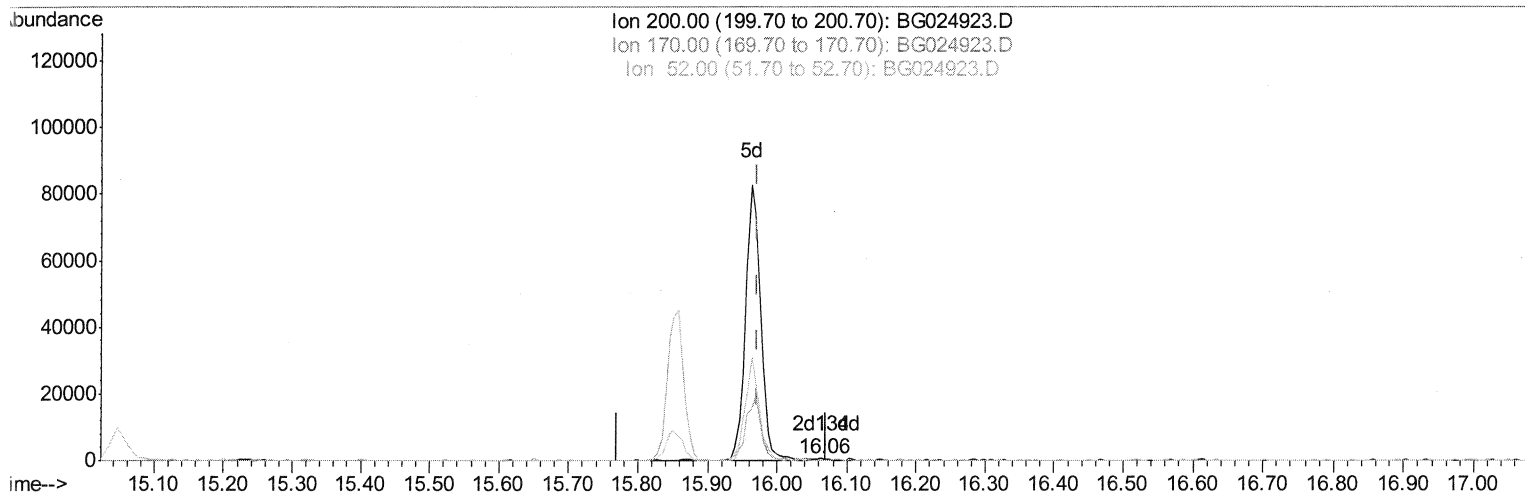
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112316\
Data File : BG024923.D
Acq On : 24 Nov 2016 1:41
Operator : UM/SJ
Sample : H5701-24
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4WG2

Manual Integrations
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Quant Time: Nov 24 02:45:24 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG112316.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 24 01:29:39 2016
Response via : Initial Calibration



TIC: BG024923.D

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

16.063min (+0.092) 0.08ng/ul

response 442

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

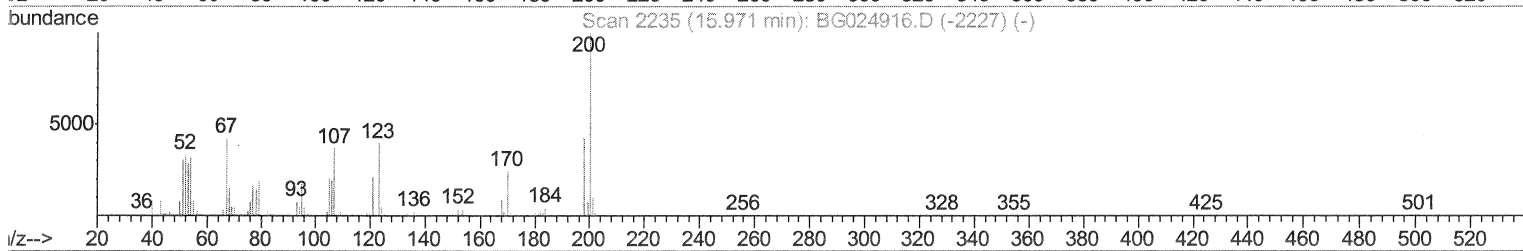
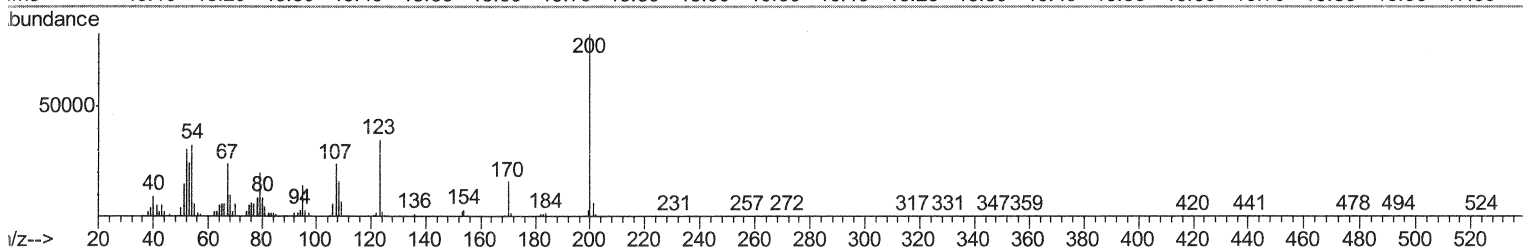
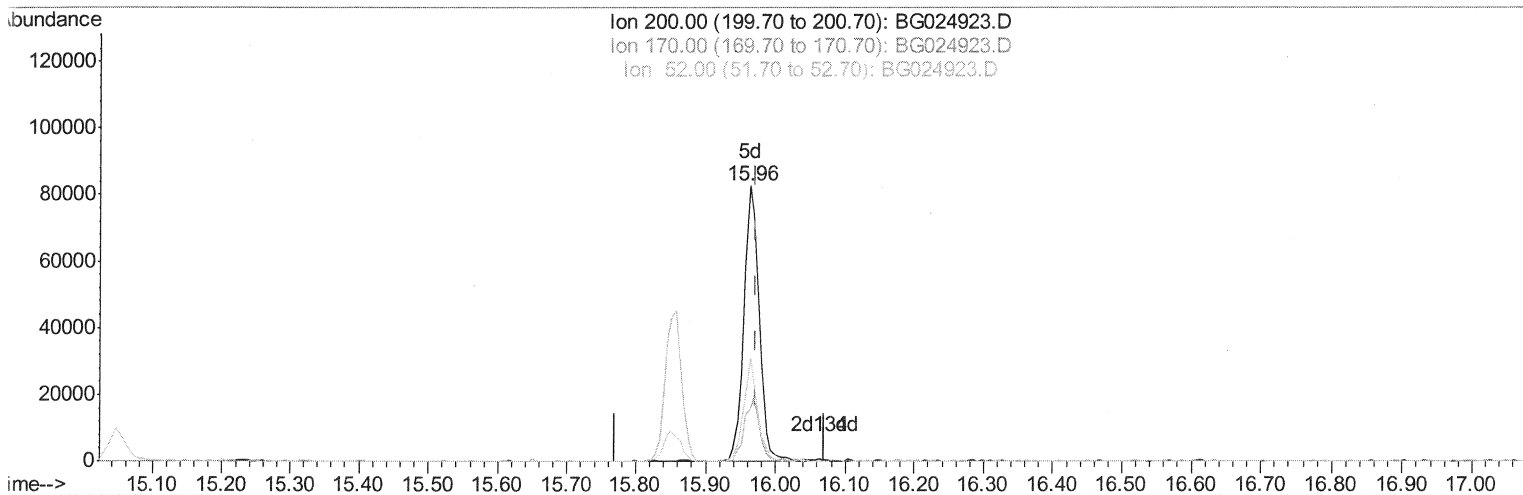
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112316\
Data File : BG024923.D
Acq On : 24 Nov 2016 1:41
Operator : UM/SJ
Sample : H5701-24
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4WG2

Manual Integrations
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Quant Time: Nov 24 02:45:24 2016
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TIC: BG024923.D

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

15.963min (-0.008) 22.57ng/ul m

UM

response 125636

11/28/16

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	19.27
52.00	47.20	37.17#
0.00	0.00	0.00

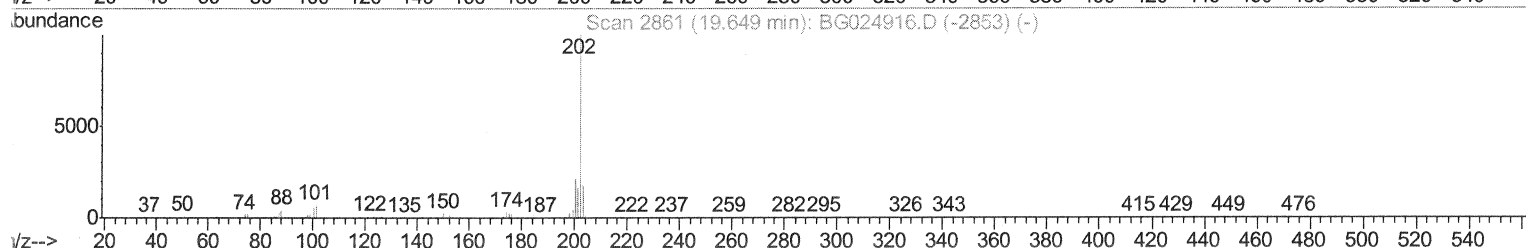
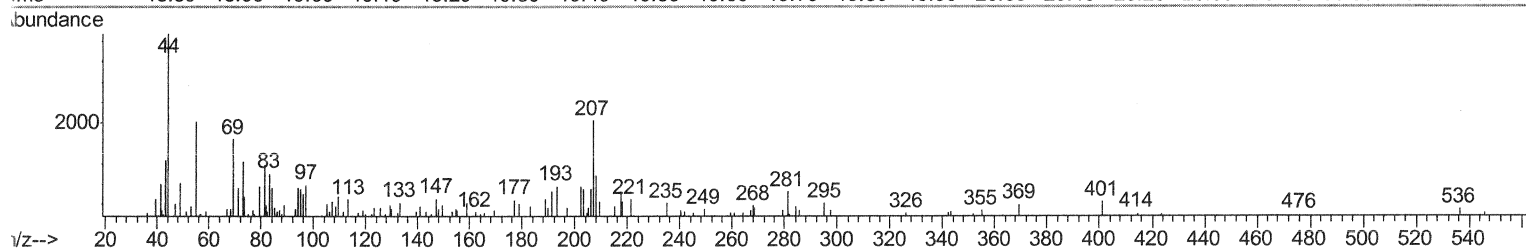
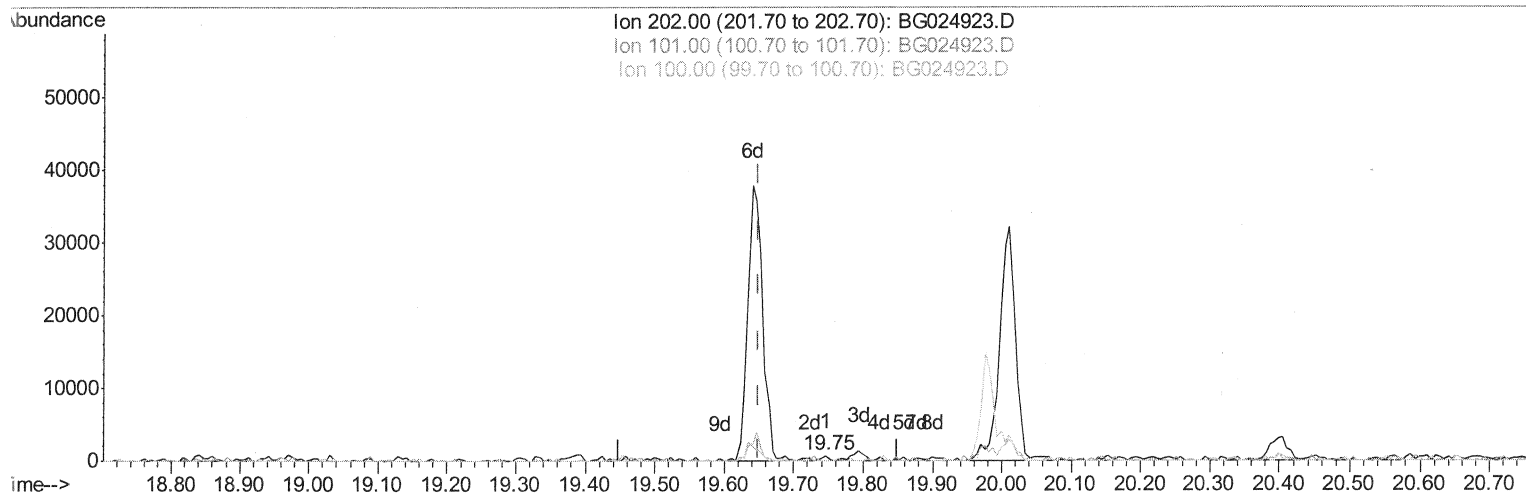
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112316\
Data File : BG024923.D
Acq On : 24 Nov 2016 1:41
Operator : UM/SJ
Sample : H5701-24
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4WG2

Manual Integrations
APPROVED

sohil
11/28/2016 4:50:07 PM

Quant Time: Nov 24 02:45:45 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG112316.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration



TIC: BG024923.D

(74) Fluoranthene (C)

19.747min (+0.098) 0.01ng/ul

response 537

Ion	Exp%	Act%
202.00	100	100
101.00	7.70	0.00#
100.00	6.50	0.00#
0.00	0.00	0.00

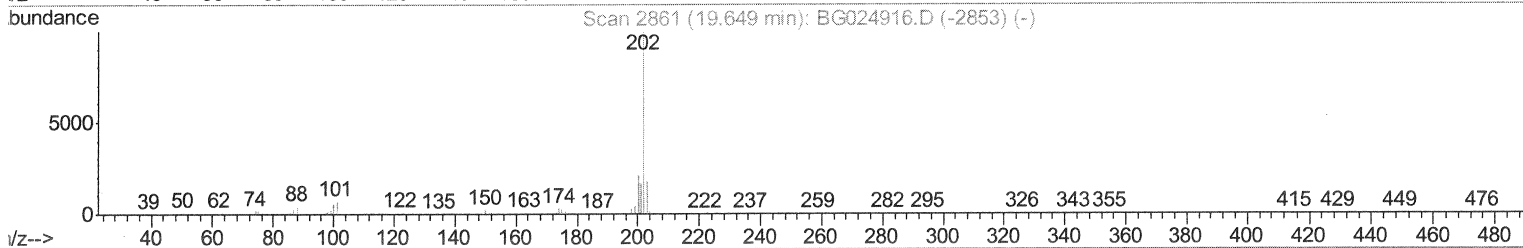
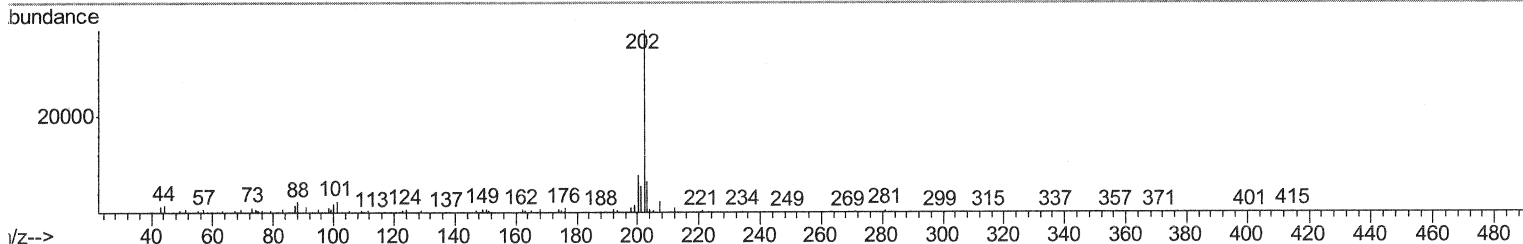
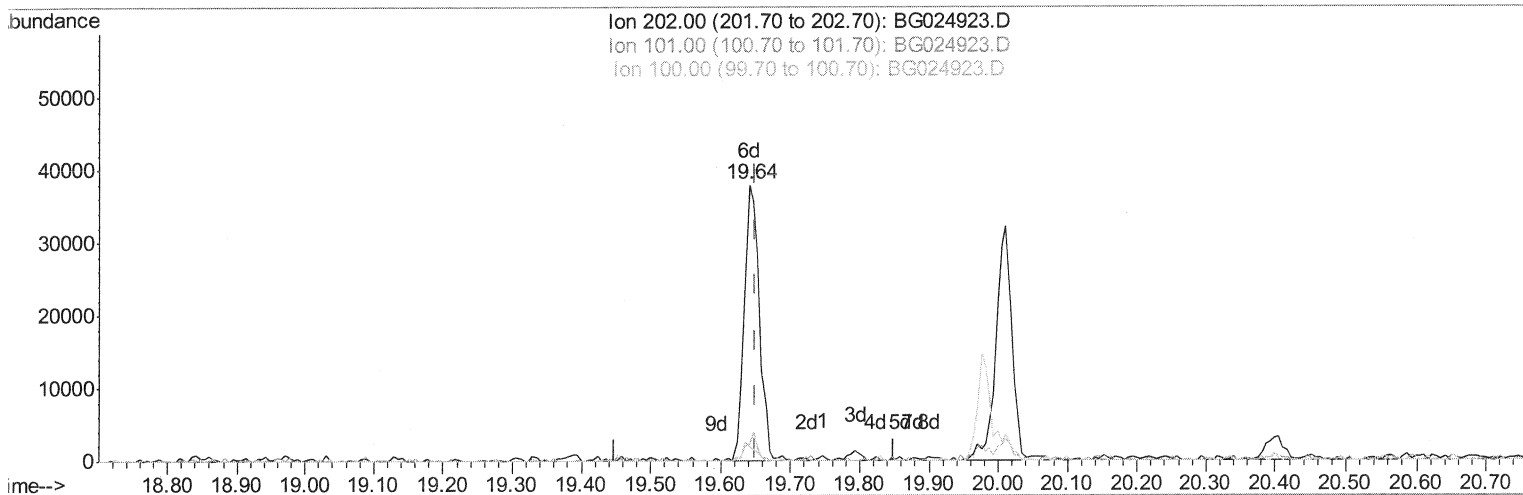
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112316\
 Data File : BG024923.D
 Acq On : 24 Nov 2016 1:41
 Operator : UM/SJ
 Sample : H5701-24
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4WG2

Manual Integrations
 APPROVED

sohil
 11/28/2016 4:50:07 PM

Quant Time: Nov 24 02:45:45 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG112316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 24 01:29:39 2016
 Response via : Initial Calibration



TIC: BG024923.D

(74) Fluoranthene (C)

19.641min (-0.008) 1.24ng/ul m

response 57507

Ion	Exp%	Act%
202.00	100	100
101.00	7.70	6.59
100.00	6.50	5.07#
0.00	0.00	0.00

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 11/28/16

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112316\
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 Acq On : 24 Nov 2016 1:41
 Operator : UM/SJ
 Sample : H5701-24
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4WG2

Manual Integrations
 APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	92390	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	398397	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	345347	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	784254m	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	961920	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	995717	20.00	ng/ul	0.00

UM 11/28/16

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	7873	4.04	ng/uL	0.00
5) Phenol-d5	7.38	99	207752	24.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	135085	25.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	150373	24.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	170007	23.12	ng/ul	0.00
19) Nitrobenzene-d5	9.43	128	85114	27.11	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	96845	26.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	182179	24.61	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	179417	21.93	ng/ul	0.00
43) Dimethylphthalate-d6	14.26	166	670358	26.40	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	716176	25.64	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	105529	23.62	ng/ul	0.00
57) Fluorene-d10	15.85	176	595527	25.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	125636m	22.57	ng/ul	0.00
70) Anthracene-d10	17.71	188	917676	25.72	ng/ul	0.00
76) Pyrene-d10	19.98	212	1163279	27.15	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.09	264	1201510	27.14	ng/ul	0.00

UM 11/28/16

Target Compounds

					Qvalue	
6) Phenol	7.41	94	45556	5.17	ng/ul#	88
44) Dimethylphthalate	14.31	163	227749	9.16	ng/ul	97
74) Fluoranthene	19.64	202	57507m	1.24	ng/ul	
77) Pyrene	20.01	202	51403	1.03	ng/ul#	95

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