

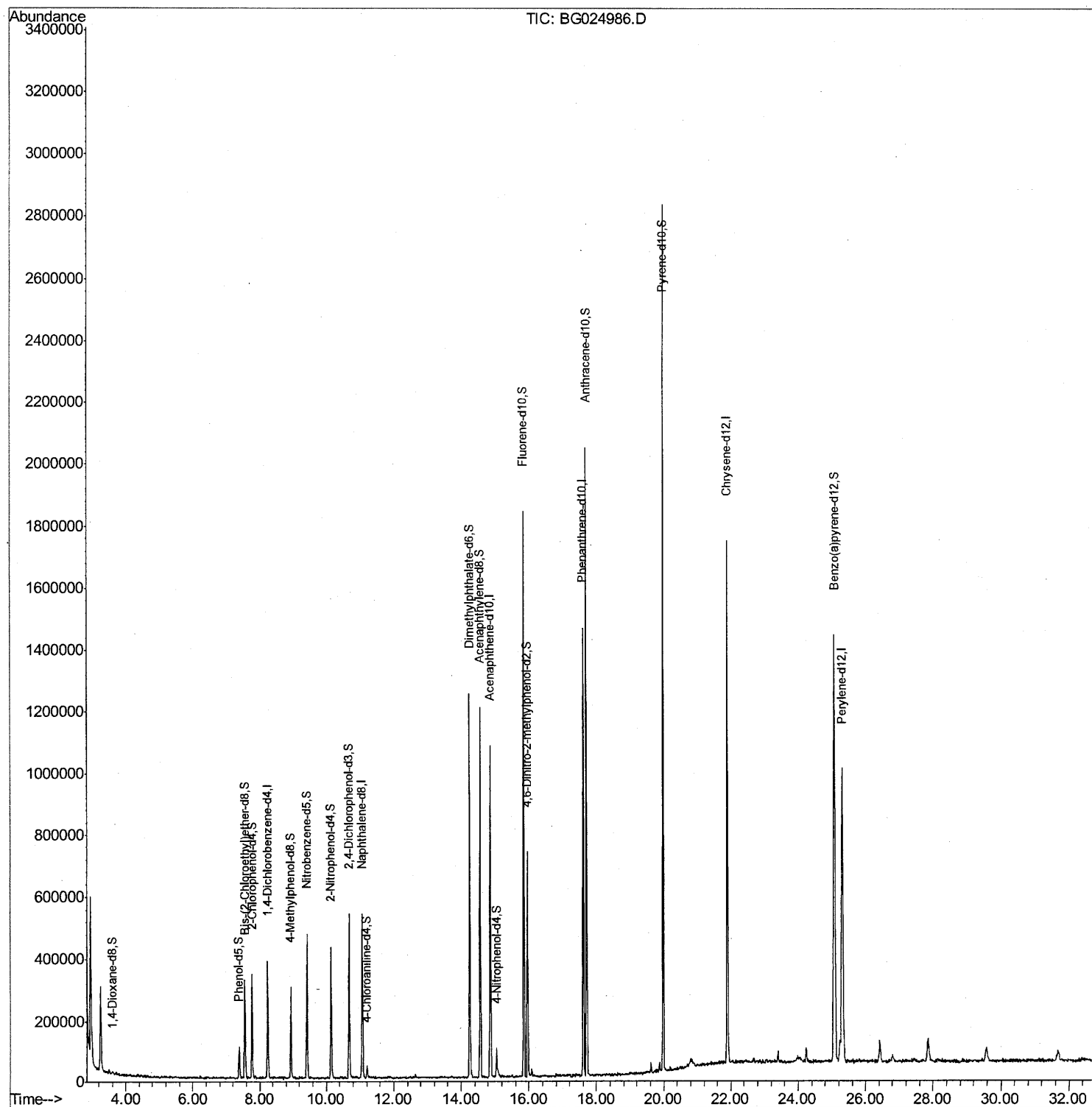
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120616\
Data File : BG024986.D
Acq On : 6 Dec 2016 19:04
Operator : UM/SJ
Sample : H5733-20
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YA903

Manual Integrations
APPROVED

sohil
12/7/2016 4:35:34 PM

Quant Time: Dec 07 03:13:22 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 07 02:35:14 2016
Response via : Initial Calibration



Quantitation Report (Qedit)

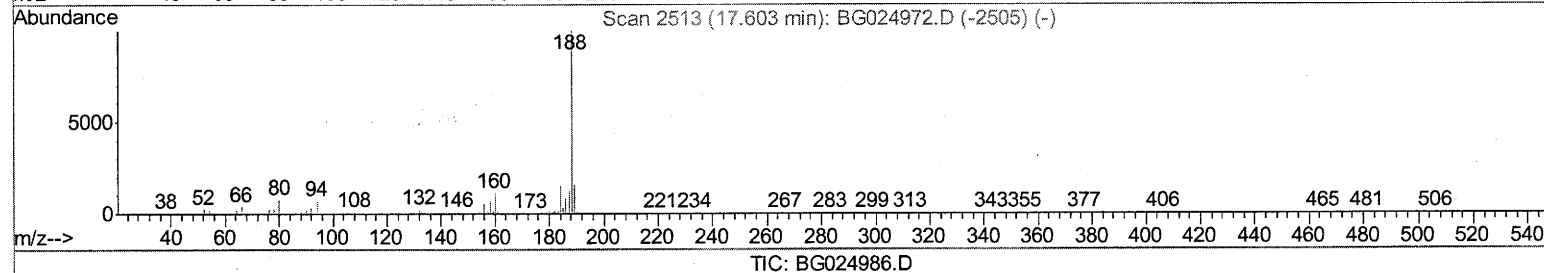
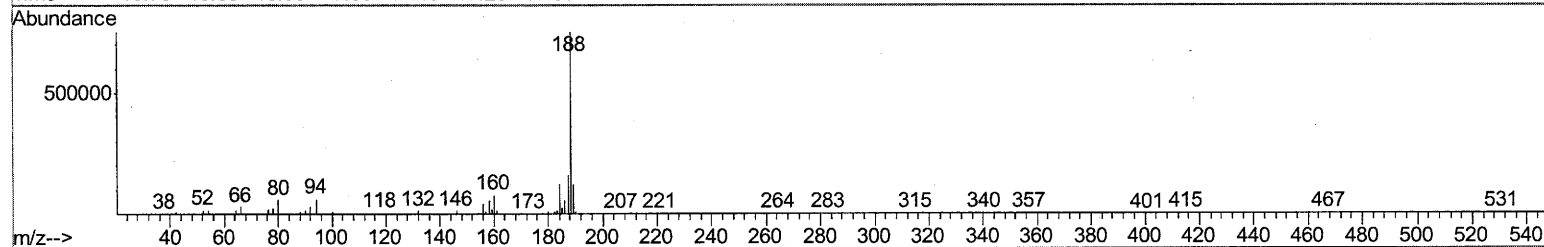
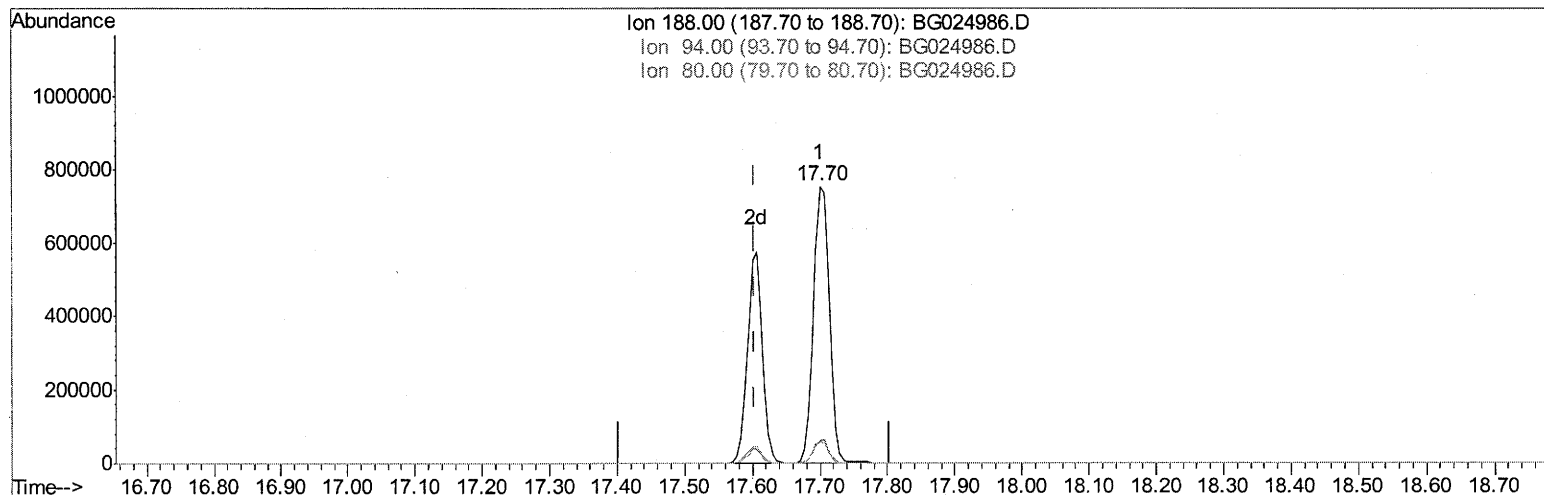
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120616\
Data File : BG024986.D
Acq On : 6 Dec 2016 19:04
Operator : UM/SJ
Sample : H5733-20
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Instrument :
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Manual Integrations
APPROVED

sohil
12/7/2016 4:35:34 PM

Quant Time: Dec 07 02:40:03 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 07 02:35:14 2016
Response via : Initial Calibration



(61) Phenanthrene-d10 (I)

17.700min (+0.097) 20.00ng/ul

response 1226858

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	8.37
80.00	9.50	7.95
0.00	0.00	0.00

Quantitation Report (Qedit)

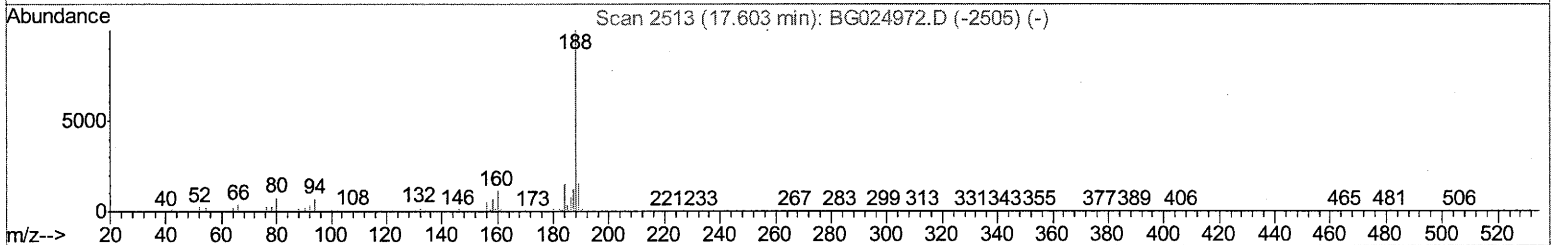
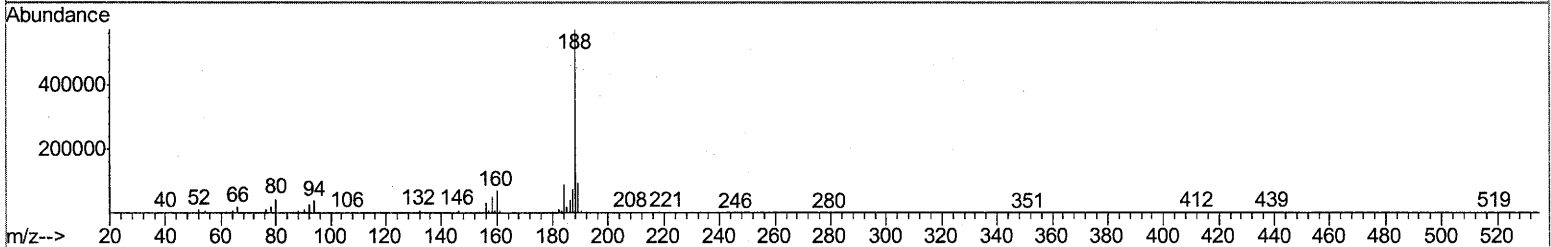
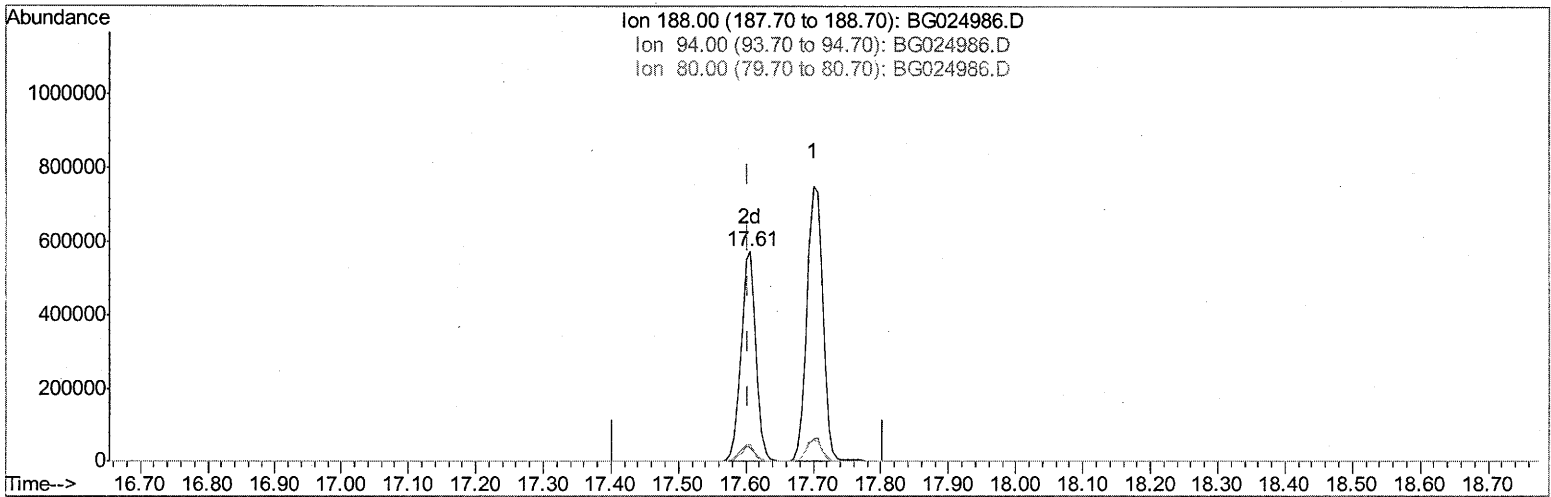
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120616\
 Data File : BG024986.D
 Acq On : 6 Dec 2016 19:04
 Operator : UM/SJ
 Sample : H5733-20
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YA903

Manual Integrations
 APPROVED

sohil
 12/7/2016 4:35:34 PM

Quant Time: Dec 07 02:40:03 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 07 02:35:14 2016
 Response via : Initial Calibration



(61) Phenanthrene-d10 (I)

17.606min (+0.003) 20.00ng/ul m

response 883428

UM
 12/08/16

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	6.61#
80.00	9.50	7.74
0.00	0.00	0.00

Quantitation Report (Qedit)

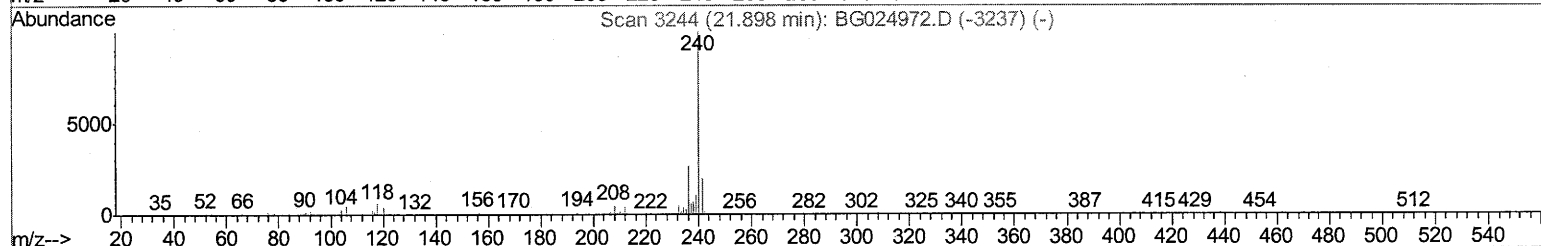
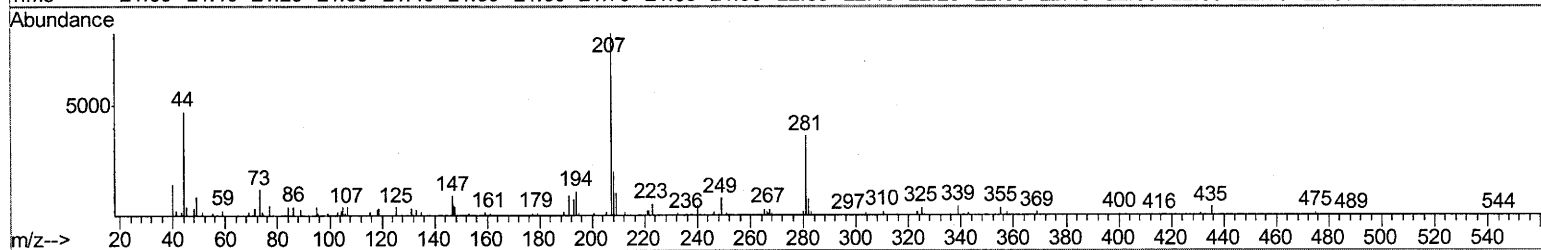
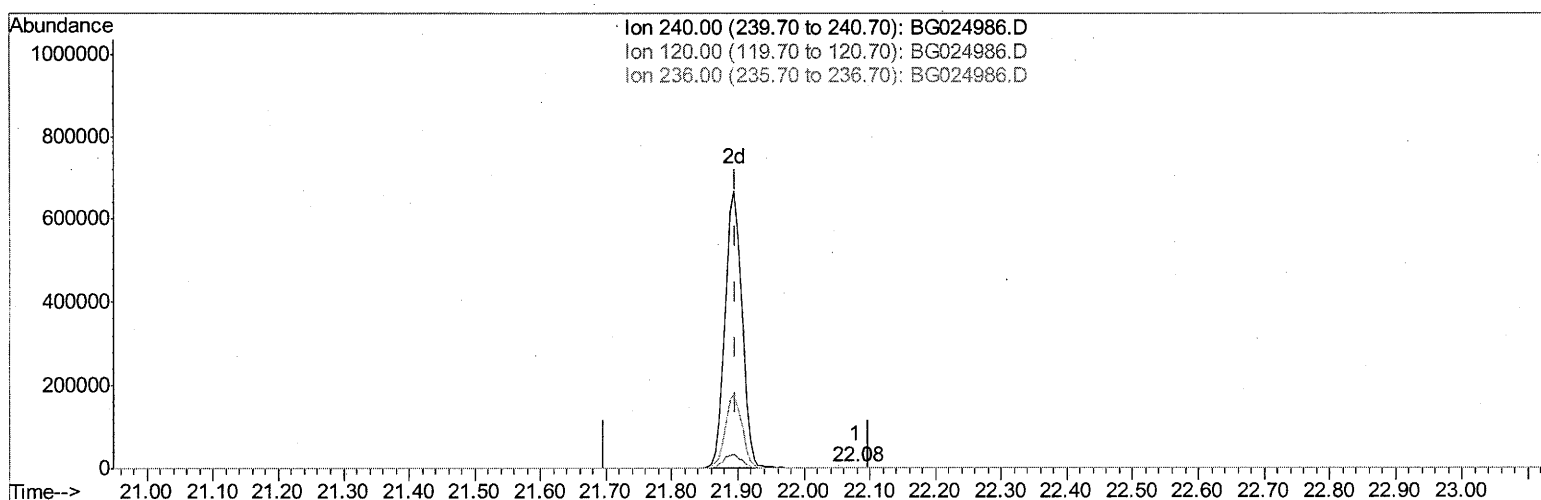
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120616\
Data File : BG024986.D
Acq On : 6 Dec 2016 19:04
Operator : UM/SJ
Sample : H5733-20
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YA903

Manual Integrations
APPROVED

sohil
12/7/2016 4:35:34 PM

Quant Time: Dec 07 02:40:03 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 07 02:35:14 2016
Response via : Initial Calibration



TIC: BG024986.D

(75) Chrysene-d12 (I)

22.077min (+0.179) 20.00ng/ul

response 1192

Ion	Exp%	Act%
240.00	100	100
120.00	6.40	0.00#
236.00	27.90	38.91#
0.00	0.00	0.00

Quantitation Report (Qedit)

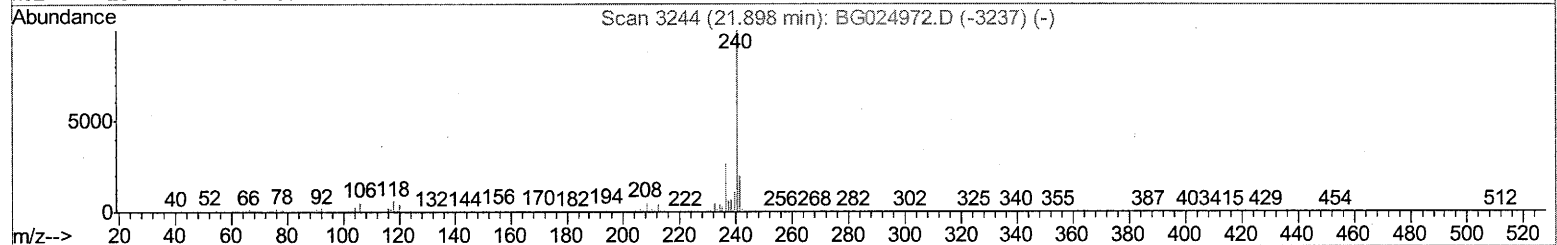
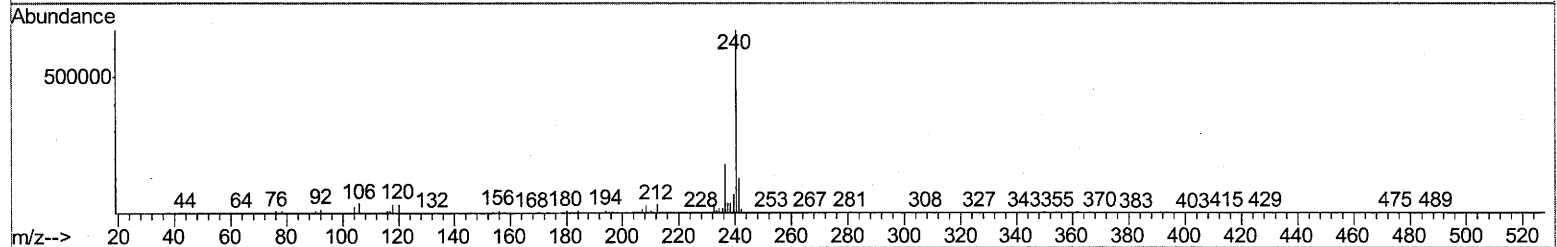
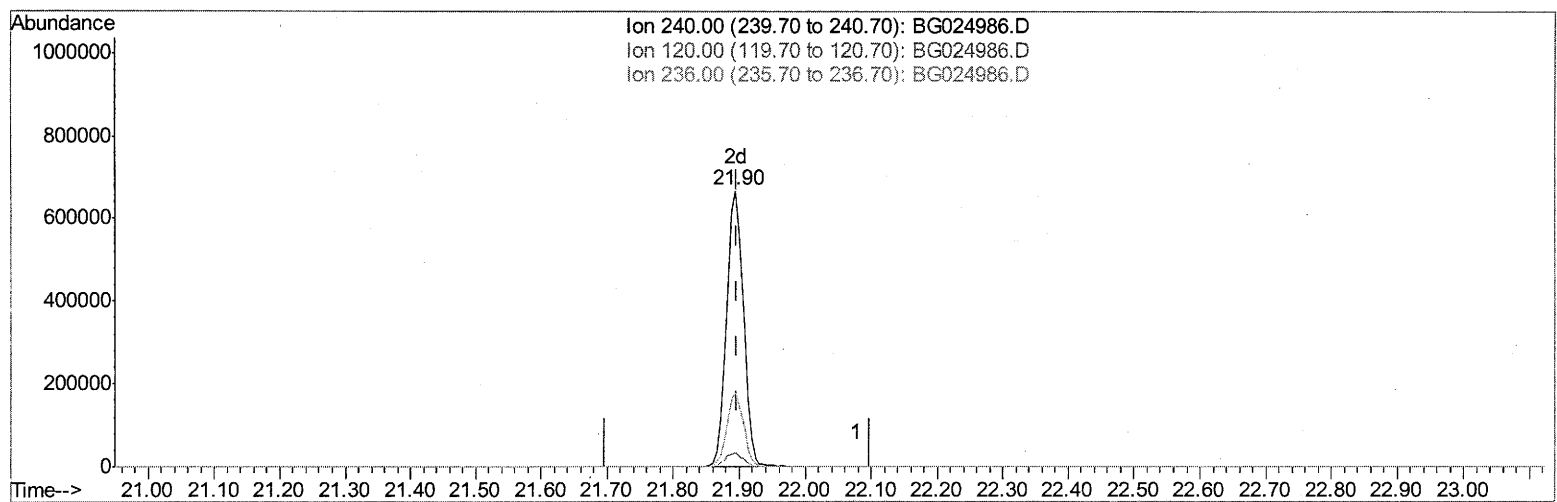
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120616\
 Data File : BG024986.D
 Acq On : 6 Dec 2016 19:04
 Operator : UM/SJ
 Sample : H5733-20
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YA903

Manual Integrations
 APPROVED

sohil
 12/7/2016 4:35:34 PM

Quant Time: Dec 07 02:40:03 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 07 02:35:14 2016
 Response via : Initial Calibration



TIC: BG024986.D

(75) Chrysene-d12 (I)

21.895min (-0.003) 20.00ng/ul m

response 1171346

UM
 12/08/16

Ion	Exp%	Act%
240.00	100	100
120.00	6.40	5.08#
236.00	27.90	26.77
0.00	0.00	0.00

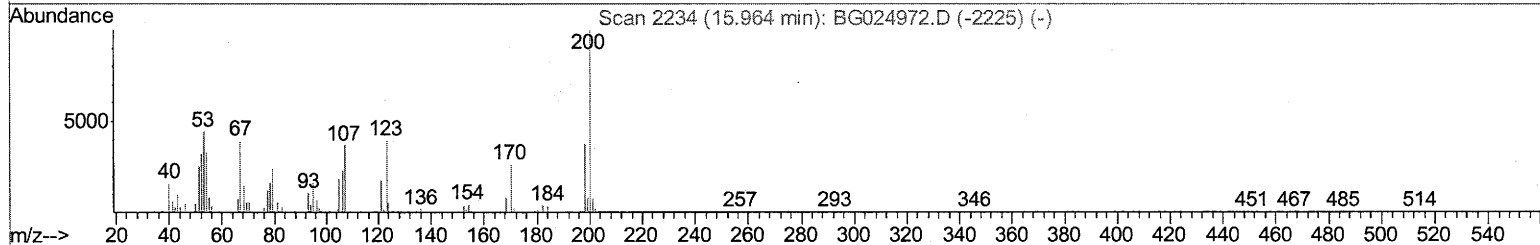
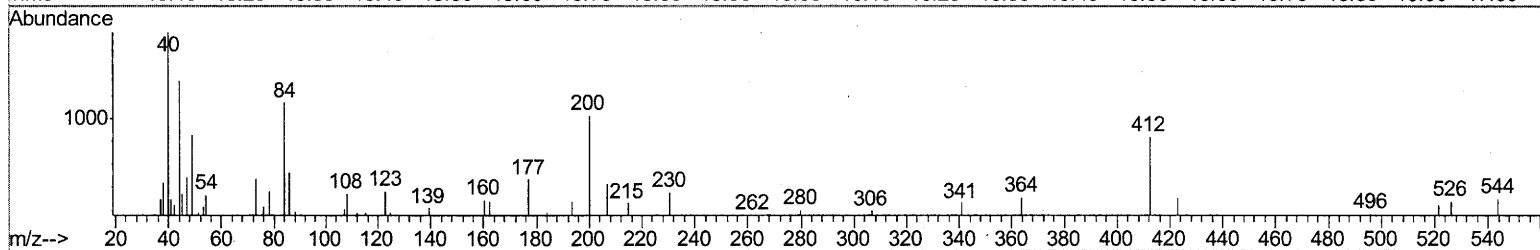
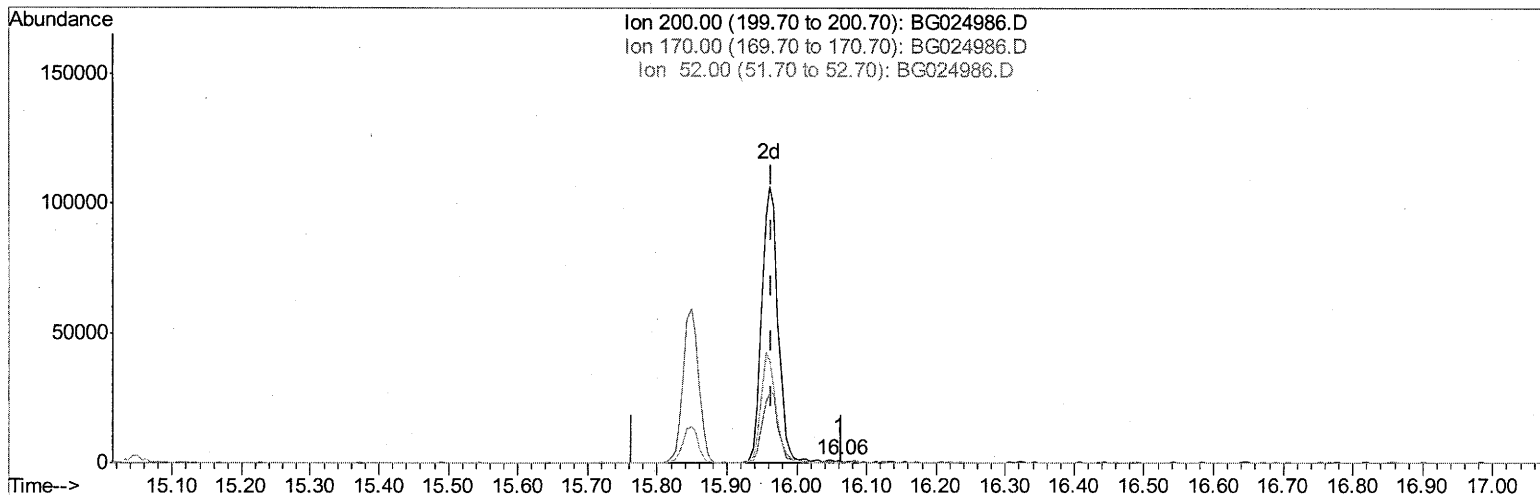
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120616\
Data File : BG024986.D
Acq On : 6 Dec 2016 19:04
Operator : UM/SJ
Sample : H5733-20
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YA903

Manual Integrations
APPROVED

sohil
12/7/2016 4:35:34 PM

Quant Time: Dec 07 03:11:33 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 07 02:35:14 2016
Response via : Initial Calibration



TIC: BG024986.D

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

16.061min (+0.097) 0.15ng/ul

response 804

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

Quantitation Report (Qedit)

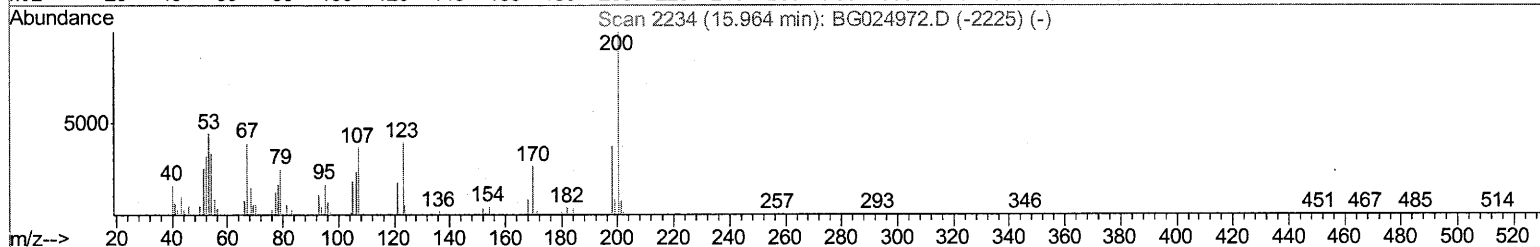
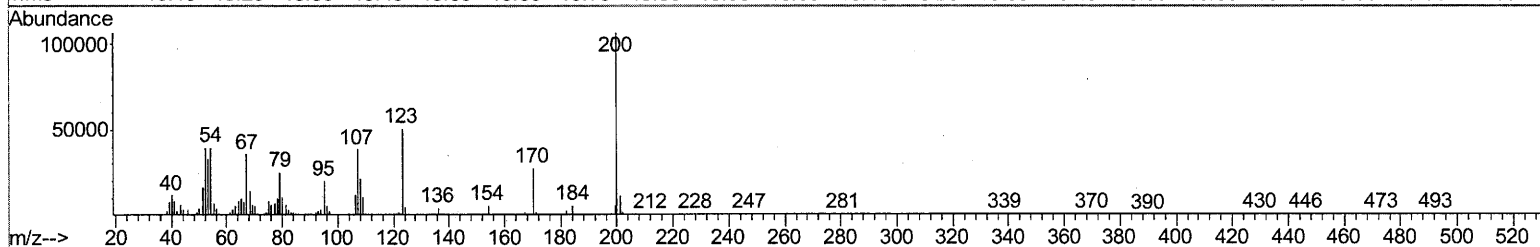
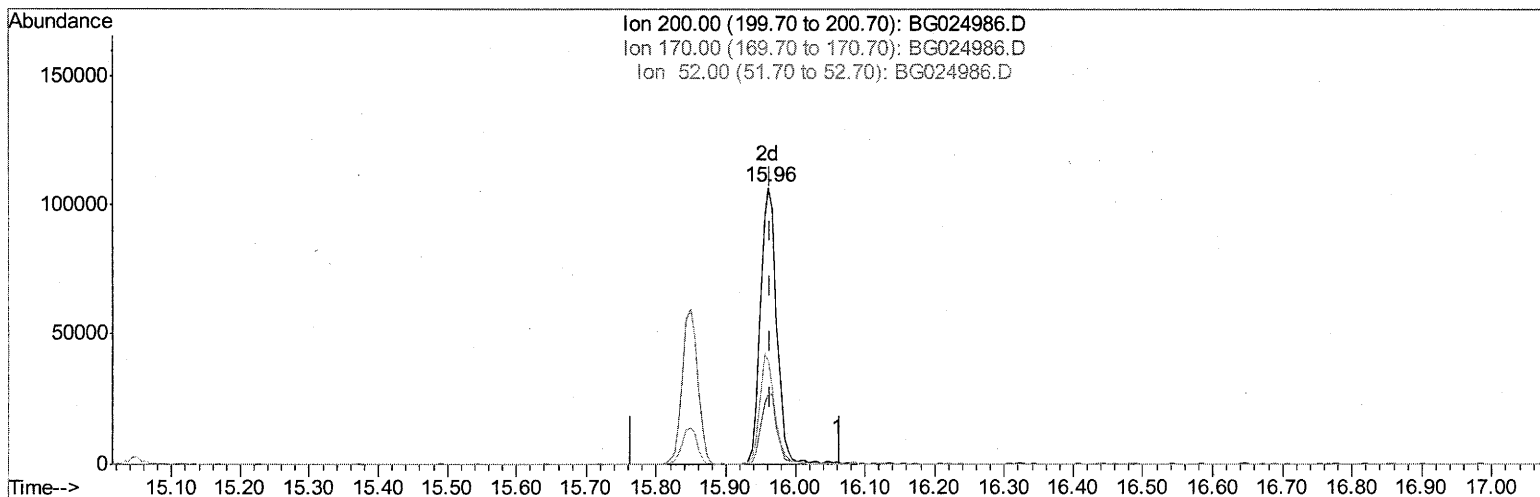
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120616\
 Data File : BG024986.D
 Acq On : 6 Dec 2016 19:04
 Operator : UM/SJ
 Sample : H5733-20
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YA903

Manual Integrations
 APPROVED

sohil
 12/7/2016 4:35:34 PM

Quant Time: Dec 07 03:11:33 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 07 02:35:14 2016
 Response via : Initial Calibration



TIC: BG024986.D

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

15.961min (-0.003) 31.67ng/ul m

UM

response 172996

12/08/16

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	25.66
52.00	47.20	37.05#
0.00	0.00	0.00

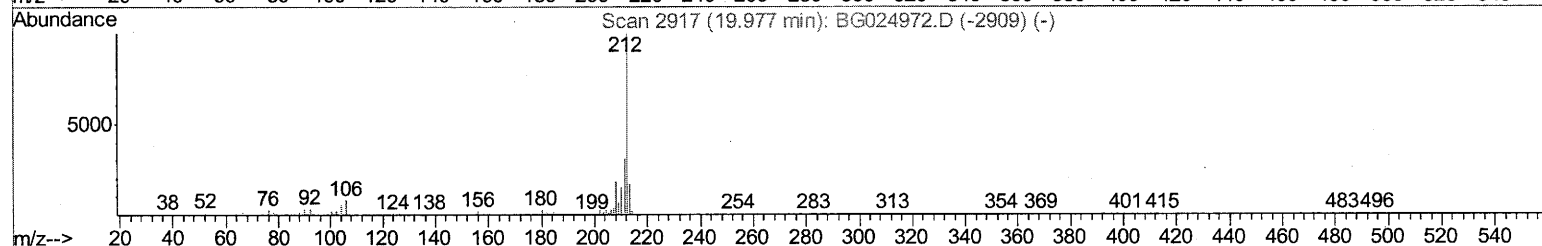
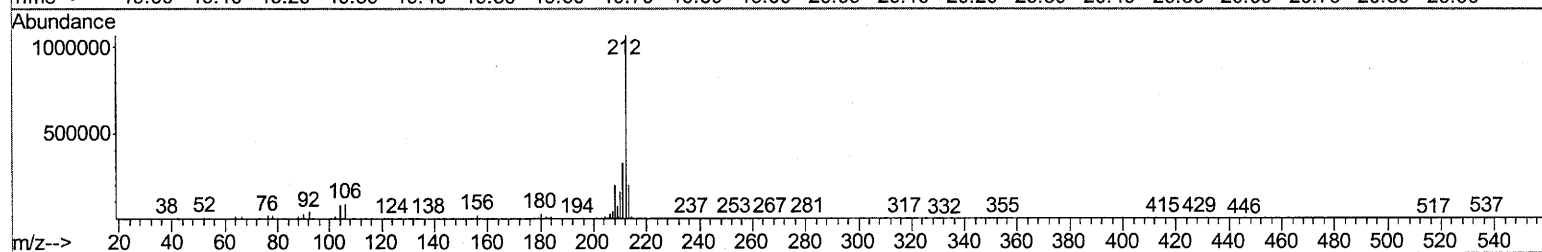
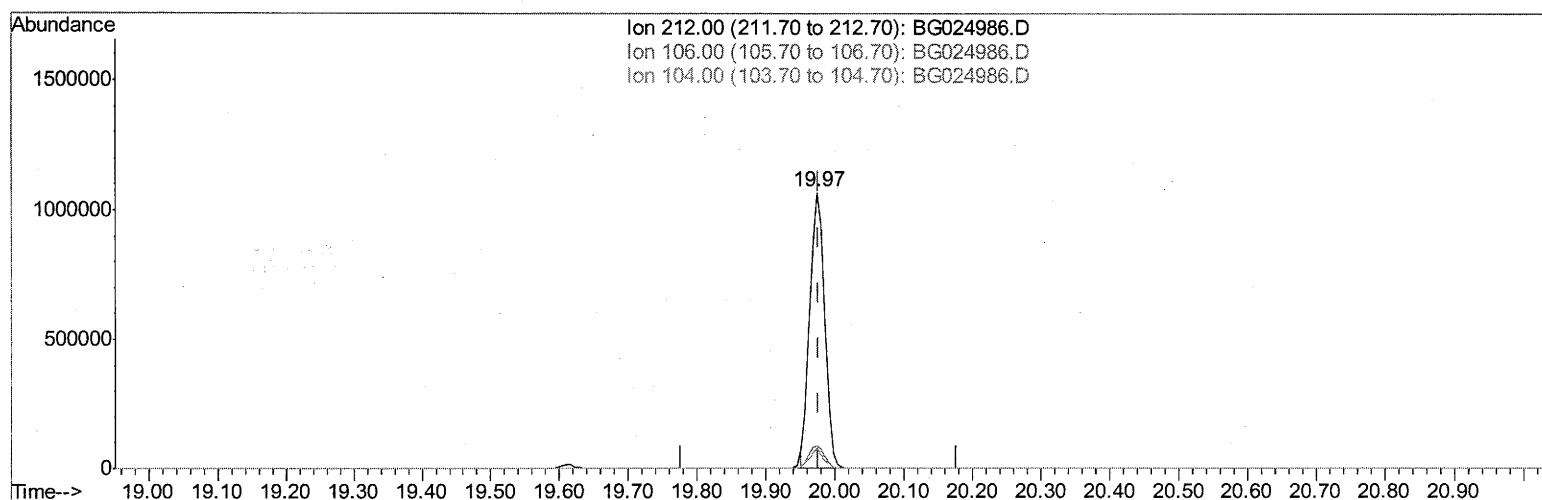
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120616\
Data File : BG024986.D
Acq On : 6 Dec 2016 19:04
Operator : UM/SJ
Sample : H5733-20
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YA903

Manual Integrations
APPROVED

sohil
12/7/2016 4:35:34 PM

Quant Time: Dec 07 03:11:33 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 07 02:35:14 2016
Response via : Initial Calibration



TIC: BG024986.D

(76) Pyrene-d10 (S)

19.974min (-0.003) 32.74ng/ul

response 1579760

Ion	Exp%	Act%
212.00	100	100
106.00	8.60	8.32
104.00	6.10	7.33#
0.00	0.00	0.00

Quantitation Report (Qedit)

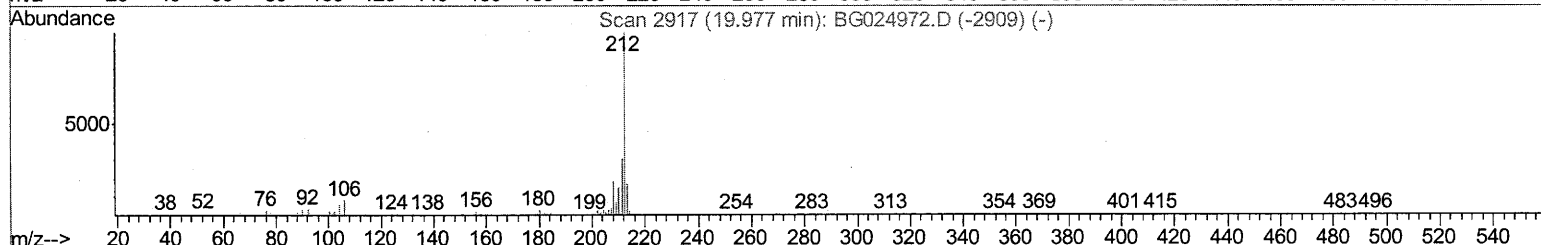
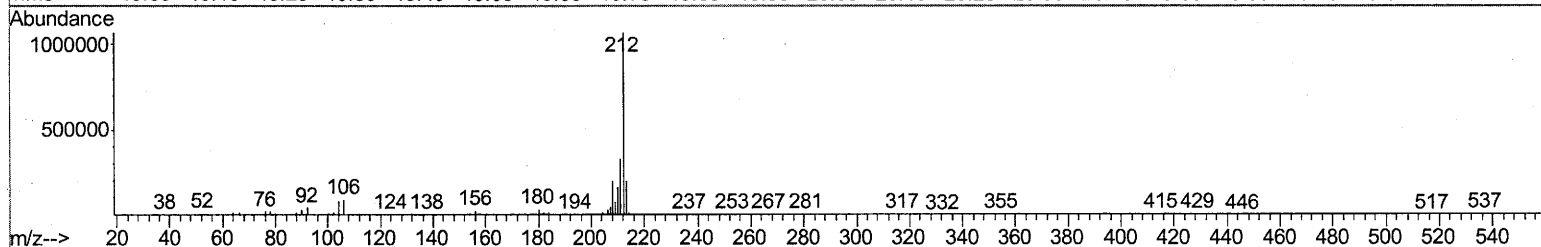
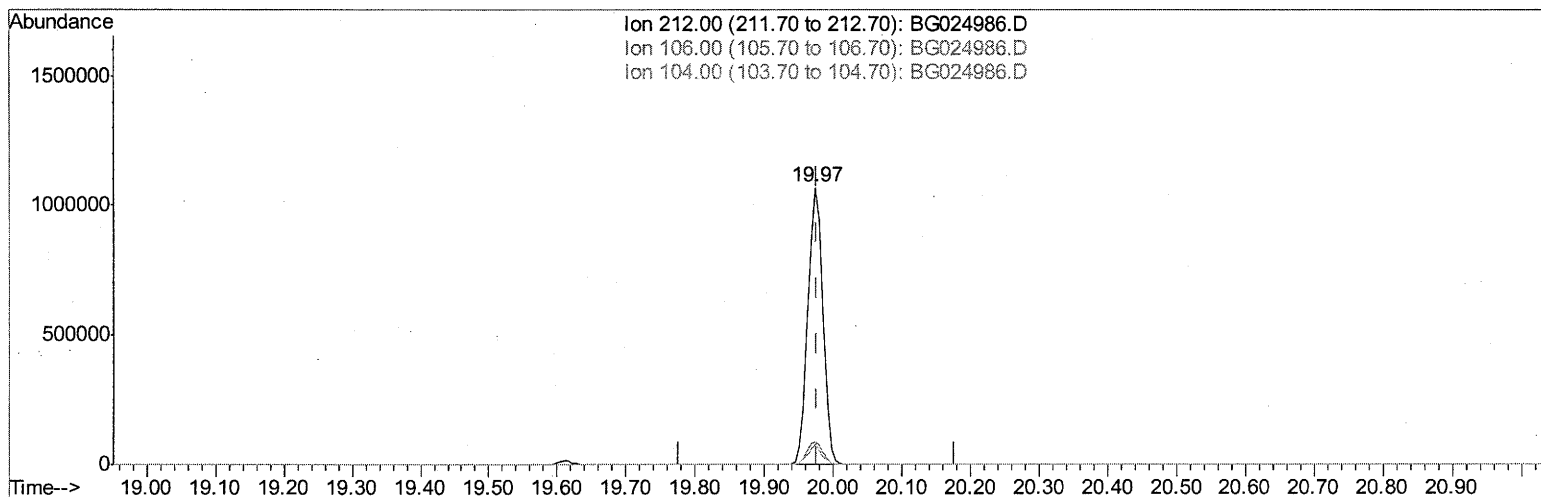
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120616\
 Data File : BG024986.D
 Acq On : 6 Dec 2016 19:04
 Operator : UM/SJ
 Sample : H5733-20
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YA903

Manual Integrations
 APPROVED

sohil
 12/7/2016 4:35:34 PM

Quant Time: Dec 07 03:11:33 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 07 02:35:14 2016
 Response via : Initial Calibration



TIC: BG024986.D

(76) Pyrene-d10 (S)

19.974min (-0.003) 33.52ng/ul m

um

response 1617133

12/08/16

Ion	Exp%	Act%
212.00	100	100
106.00	8.60	8.32
104.00	6.10	7.33#
0.00	0.00	0.00

Quantitation Report (Qedit)

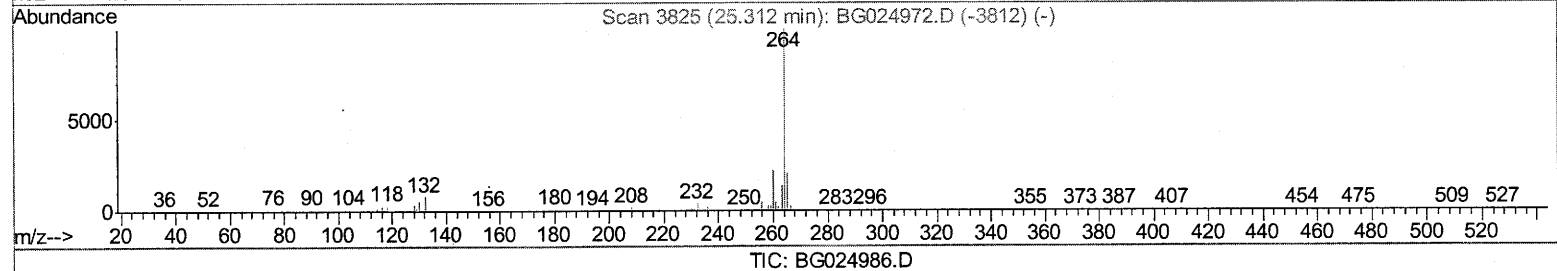
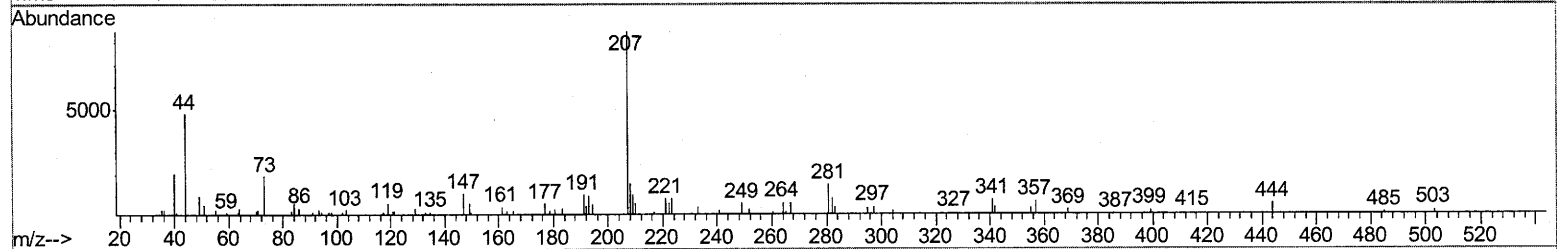
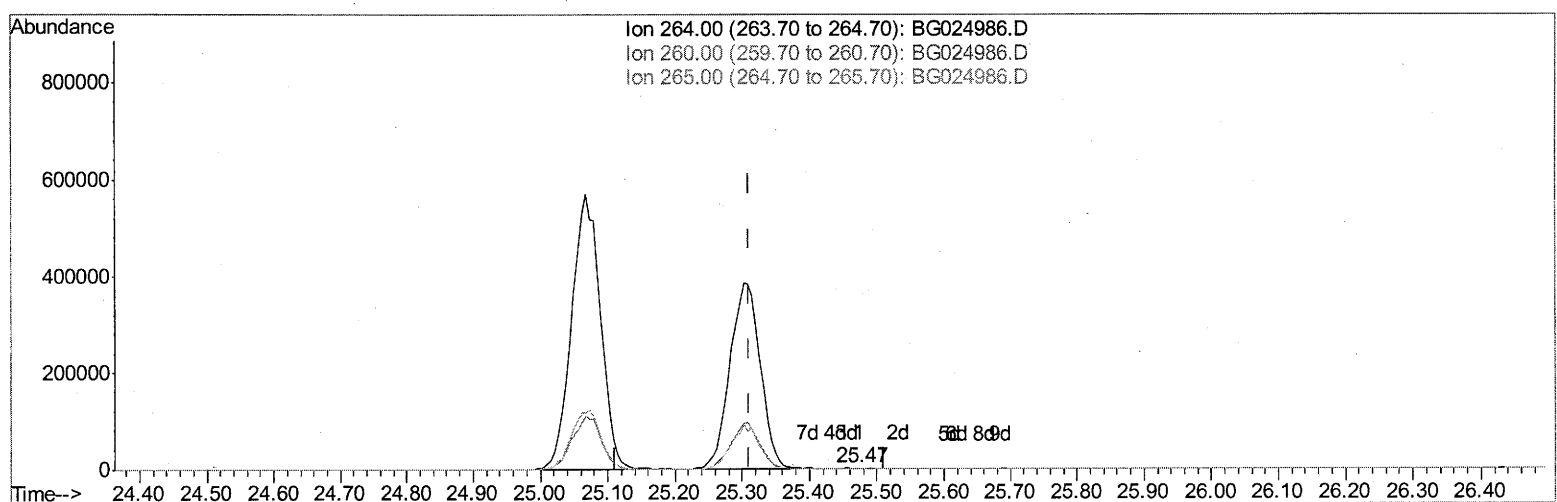
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120616\
Data File : BG024986.D
Acq On : 6 Dec 2016 19:04
Operator : UM/SJ
Sample : H5733-20
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YA903

Manual Integrations
APPROVED

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12/7/2016 4:35:34 PM

Quant Time: Dec 07 03:11:33 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 07 02:35:14 2016
Response via : Initial Calibration



(83) Perylene-d12 (I)

25.473min (+0.162) 20.00ng/ul

response 1204

Ion	Exp%	Act%
264.00	100	100
260.00	23.90	21.65
265.00	20.60	22.64
0.00	0.00	0.00

Quantitation Report (Qedit)

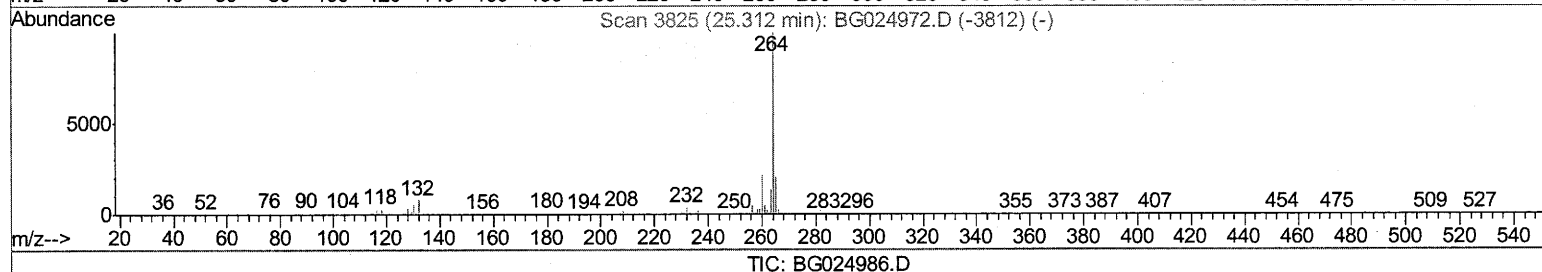
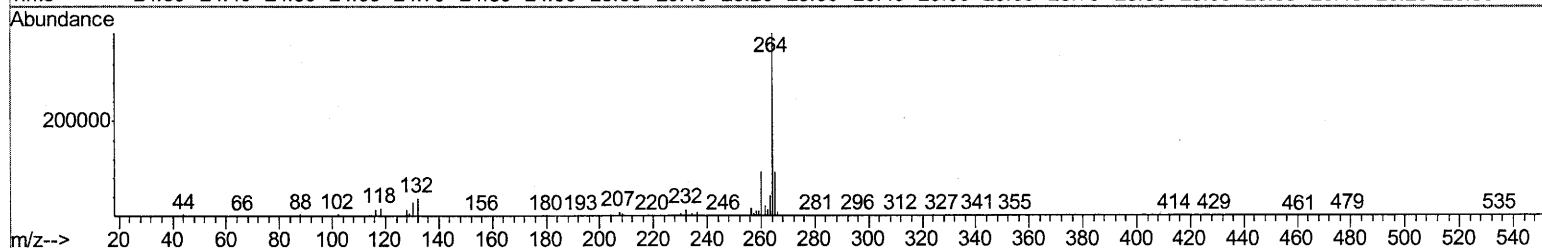
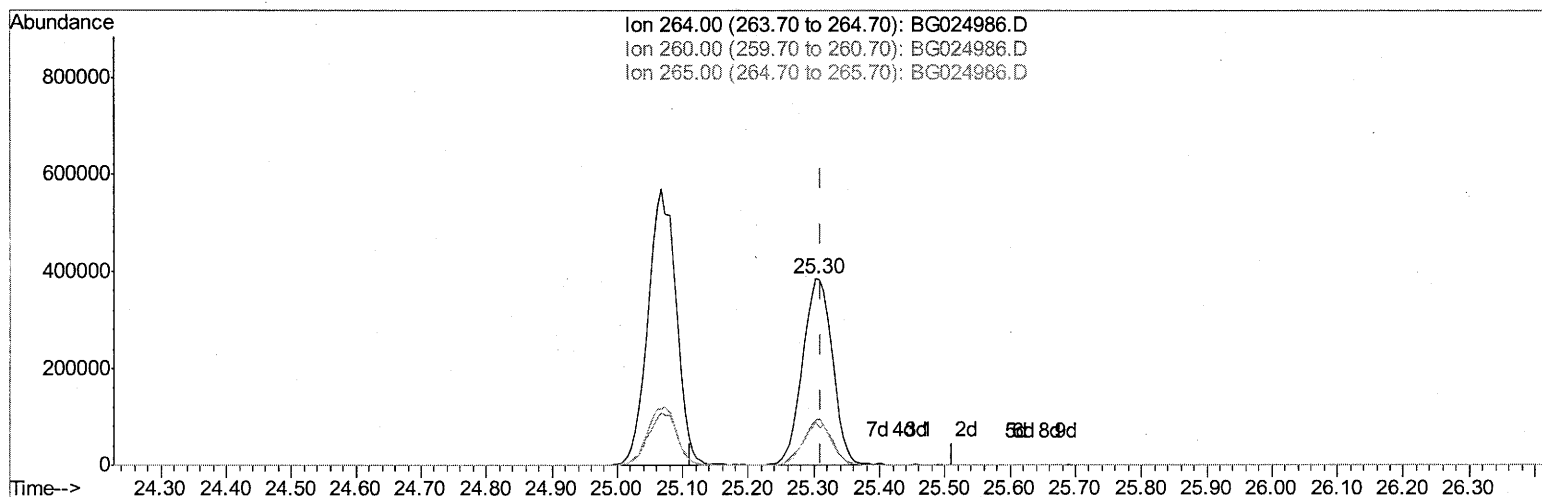
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120616\
 Data File : BG024986.D
 Acq On : 6 Dec 2016 19:04
 Operator : UM/SJ
 Sample : H5733-20
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YA903

Manual Integrations
 APPROVED

sohil
 12/7/2016 4:35:34 PM

Quant Time: Dec 07 03:13:22 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 07 02:35:14 2016
 Response via : Initial Calibration



(83) Perylene-d12 (I)

25.303min (-0.009) 20.00ng/ul m

response 1215487

Ion	Exp%	Act%
264.00	100	100
260.00	23.90	24.27
265.00	20.60	23.78
0.00	0.00	0.00

UM
 12/08/16

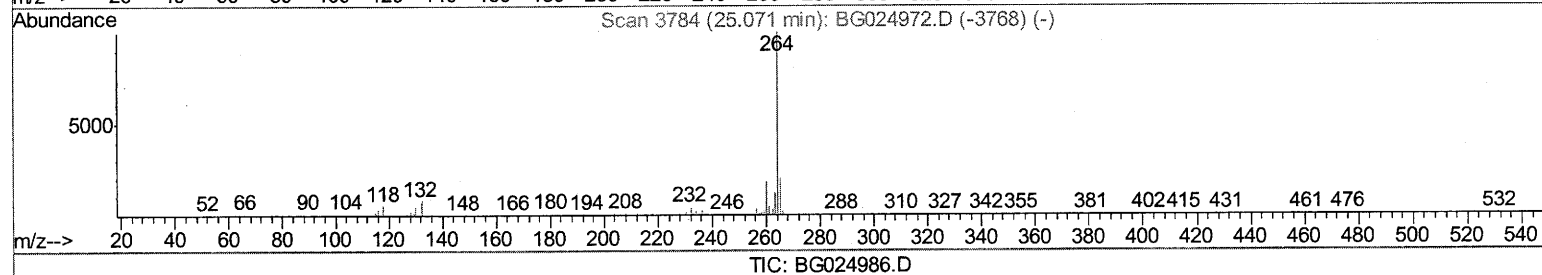
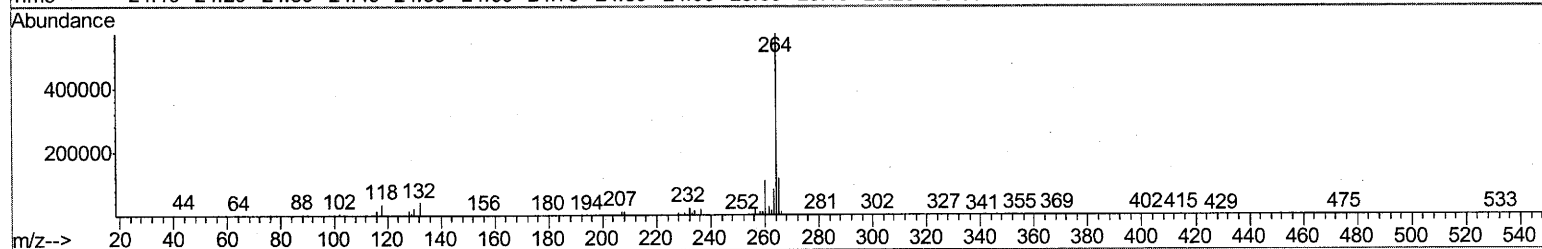
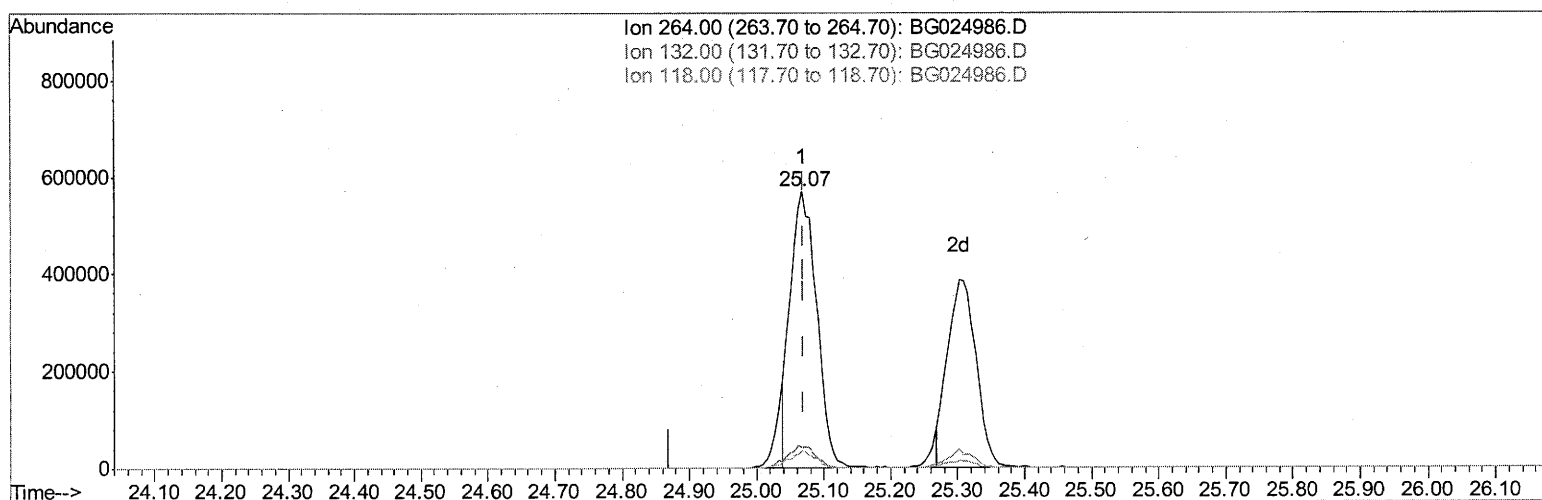
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120616\
Data File : BG024986.D
Acq On : 6 Dec 2016 19:04
Operator : UM/SJ
Sample : H5733-20
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YA903

Manual Integrations
APPROVED

sohil
12/7/2016 4:35:34 PM

Quant Time: Dec 07 03:12:48 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 07 02:35:14 2016
Response via : Initial Calibration



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

25.068min (-0.003) 31.13ng/ul

response 1533014

Ion	Exp%	Act%
264.00	100	100
132.00	8.50	7.26
118.00	6.00	6.23
0.00	0.00	0.00

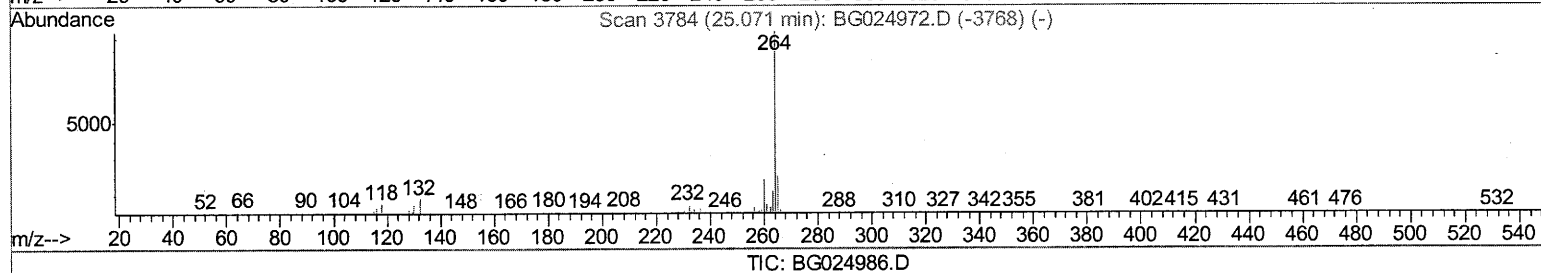
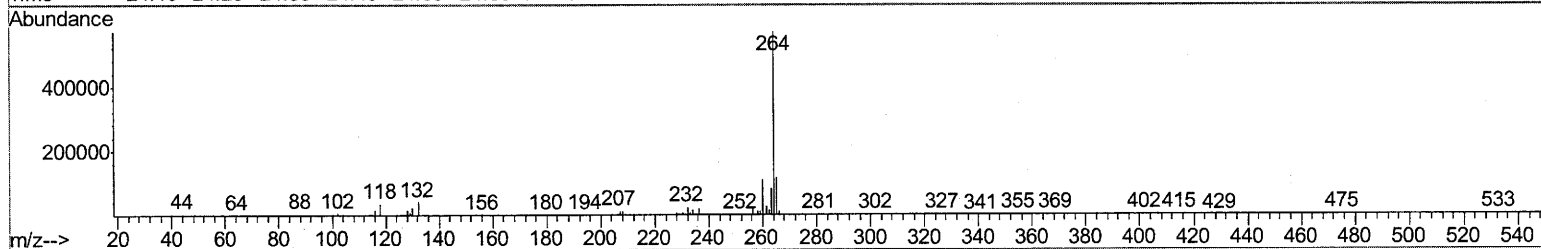
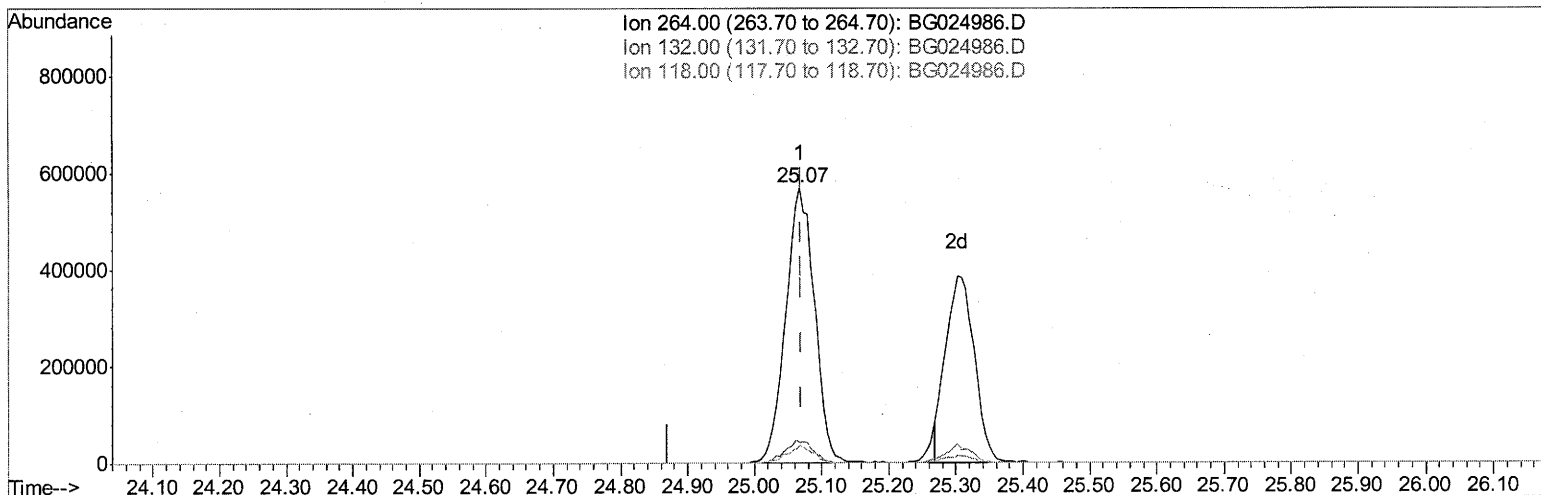
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120616\
Data File : BG024986.D
Acq On : 6 Dec 2016 19:04
Operator : UM/SJ
Sample : H5733-20
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YA903

Manual Integrations
APPROVED

sohil
12/7/2016 4:35:34 PM

Quant Time: Dec 07 03:12:48 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 07 02:35:14 2016
Response via : Initial Calibration



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

25.068min (-0.003) 34.37ng/ul m

UM

response 1692812

12/08/16

Ion	Exp%	Act%
264.00	100	100
132.00	8.50	7.26
118.00	6.00	6.23
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120616\
 Data File : BG024986.D
 Acq On : 6 Dec 2016 19:04
 Operator : UM/SJ
 Sample : H5733-20
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

sohil
 12/7/2016 4:35:34 PM

Quant Time: Dec 07 03:13:22 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 07 02:35:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	103698	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	444006	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	378883	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	883428m	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1171346m	20.00	ng/ul	0.00
83) Perylene-d12	25.30	264	1215487m	20.00	ng/ul	0.00

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 12/08/16

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	3005	1.50	ng/uL	0.00
5) Phenol-d5	7.38	99	56225	6.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	161865	29.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	145011	23.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.93	113	111927	14.97	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	100325	31.91	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	116294	29.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	200162	26.55	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	18114	2.45	ng/ul	0.00
43) Dimethylphthalate-d6	14.26	166	839943	32.23	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	914685	32.04	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	26723	5.97	ng/ul	0.00
57) Fluorene-d10	15.85	176	773069	31.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	172996m	31.67	ng/ul	0.00
70) Anthracene-d10	17.70	188	1230376	33.00	ng/ul	0.00
76) Pyrene-d10	19.97	212	1617133m	33.52	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	1692812m	34.37	ng/ul	0.00

} UM
 12/08/16

Target Compounds

Qvalue

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