

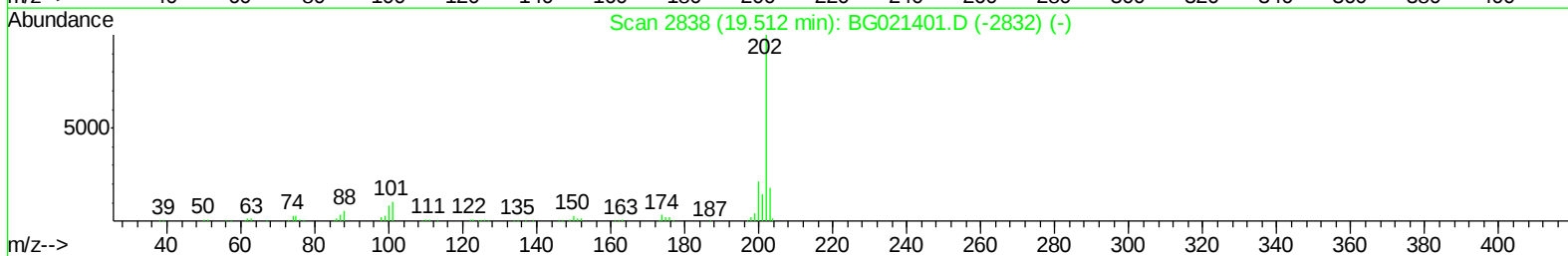
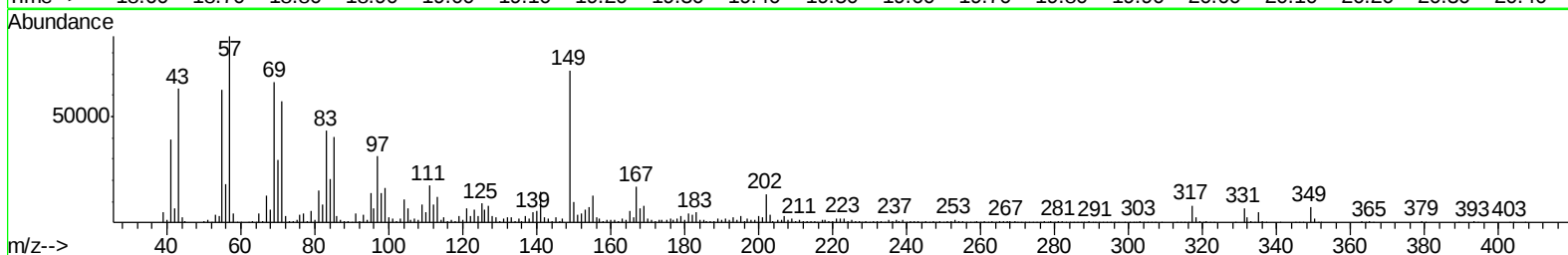
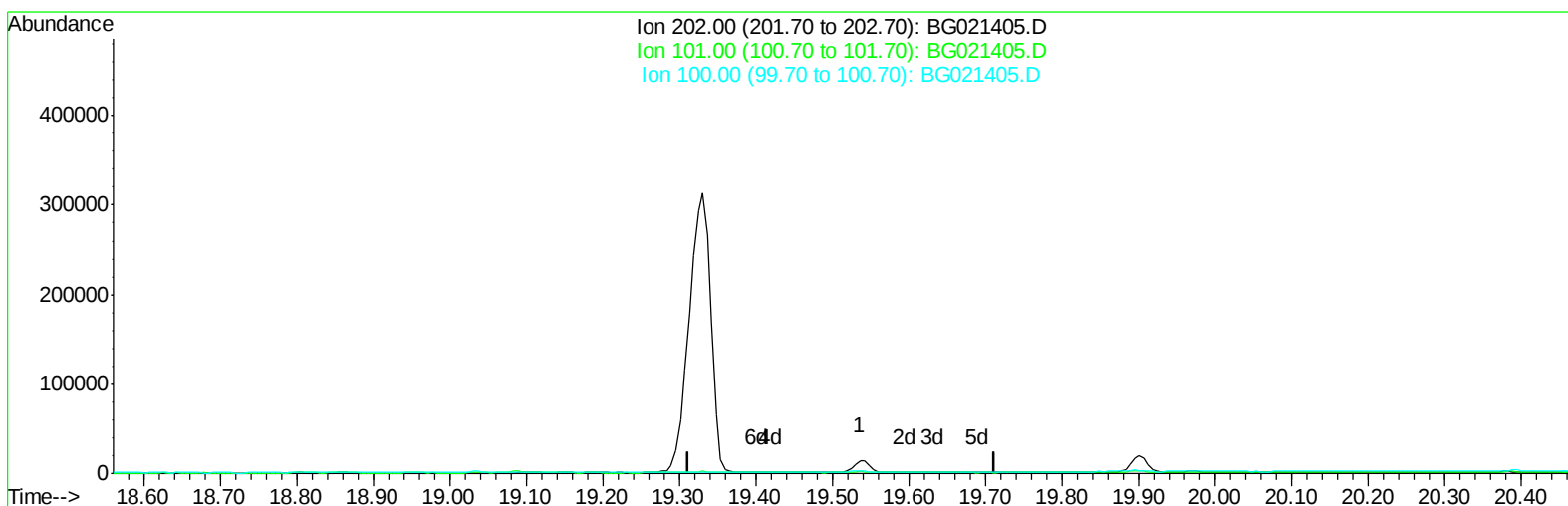
Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021405.D
Acq On : 10 Mar 2016 12:58
Operator : UM/SJ
Sample : H1616-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BLDG06-P001-SS001-02

Manual Integrations
APPROVED

Sohil
3/11/2016 5:27:29 PM

Quant Time: Mar 11 11:26:49 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 11 00:30:31 2016
Response via : Initial Calibration



TIC: BG021405.D

(77) Fluoranthene (C)

19.512min (-19.512) 0.00ng/ul d

response 0

Ion	Exp%	Act%
202.00	100	0.00
101.00	11.10	0.00
100.00	8.70	0.00
0.00	0.00	0.00

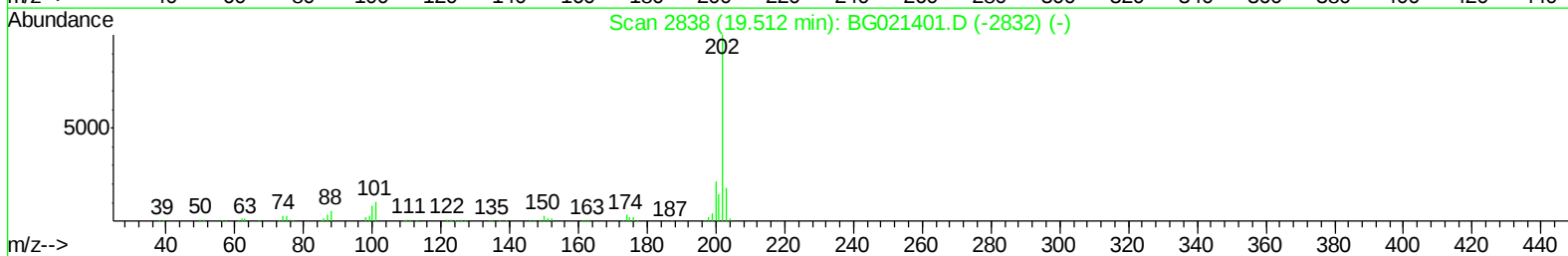
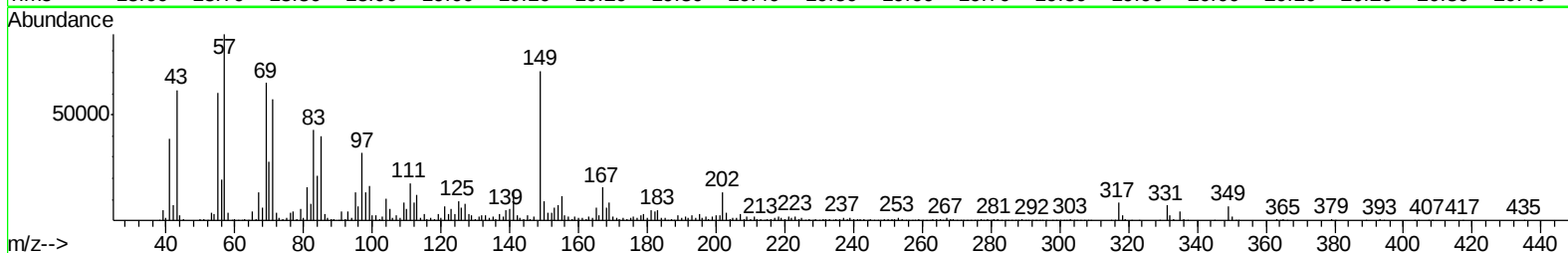
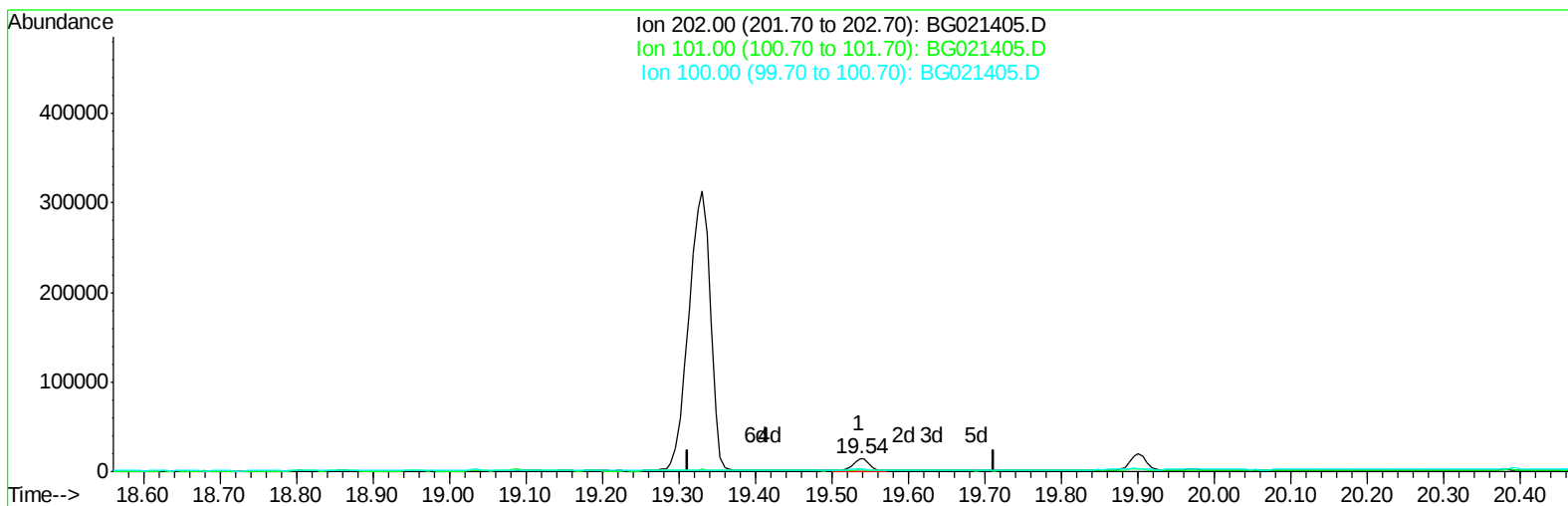
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Operator : UM/SJ
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Instrument :
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Manual Integrations
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Sohil
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TIC: BG021405.D

(77) Fluoranthene (C)

19.536min (+0.024) 4.11ng/ul m

response 23019

Ion	Exp%	Act%
202.00	100	100
101.00	11.10	18.35#
100.00	8.70	19.55#
0.00	0.00	0.00

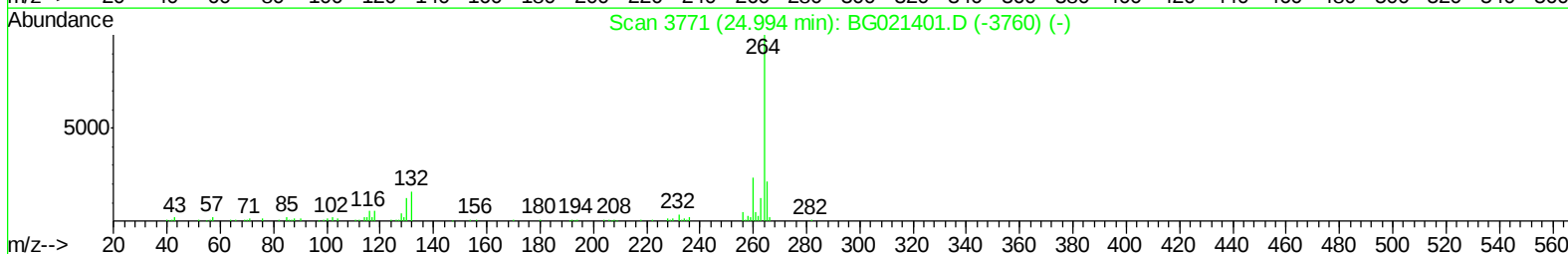
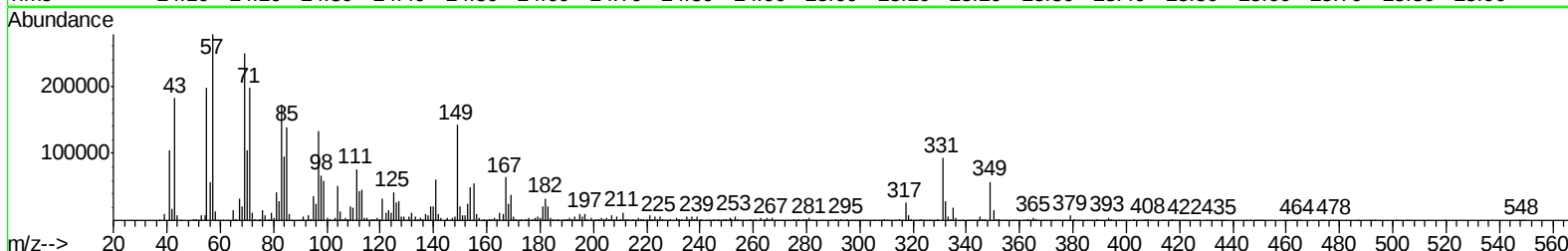
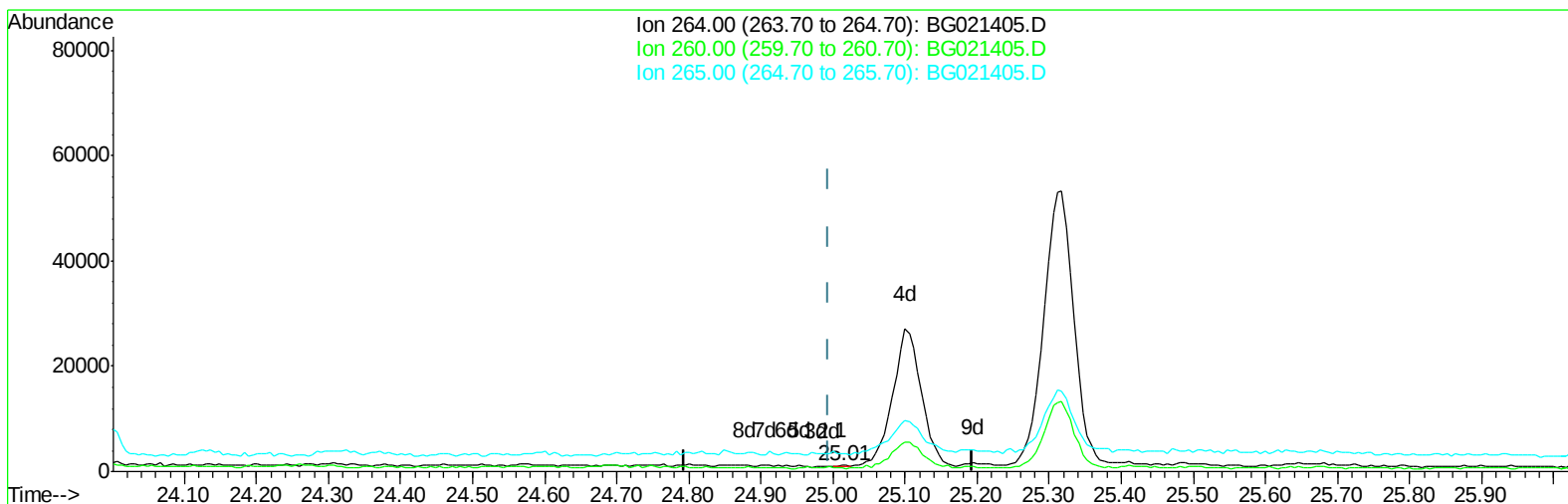
Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021405.D
Acq On : 10 Mar 2016 12:58
Operator : UM/SJ
Sample : H1616-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BLDG06-P001-SS001-02

Manual Integrations
APPROVED

Sohil
3/11/2016 5:27:29 PM

Quant Time: Mar 11 11:26:49 2016
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TIC: BG021405.D

(86) Perylene-d12 (I)

25.012min (+0.018) 20.00ng/ul

response 281

Ion	Exp%	Act%
264.00	100	100
260.00	22.10	59.93#
265.00	21.10	294.07#
0.00	0.00	0.00

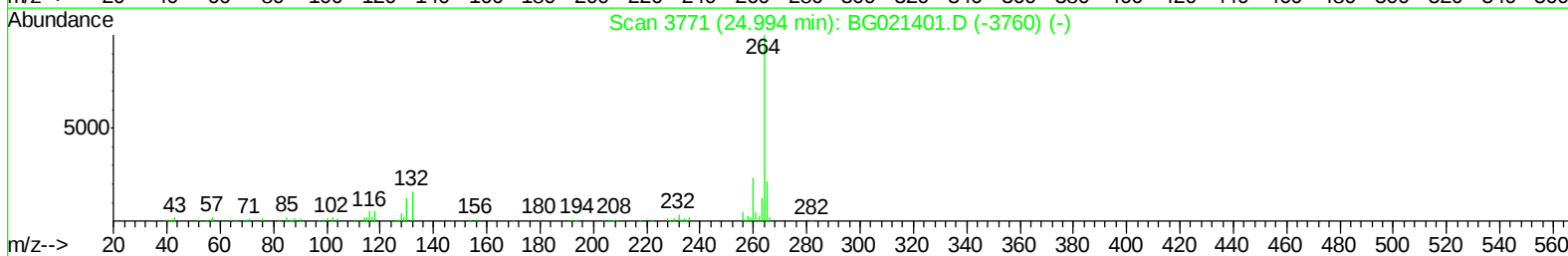
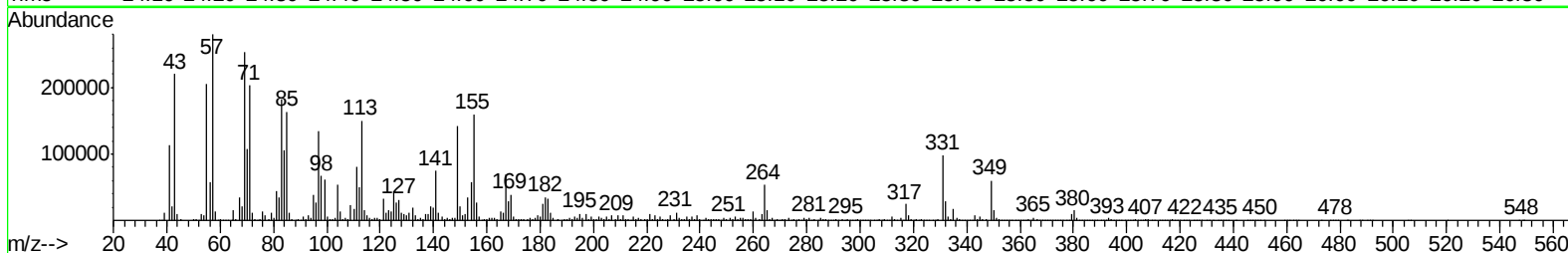
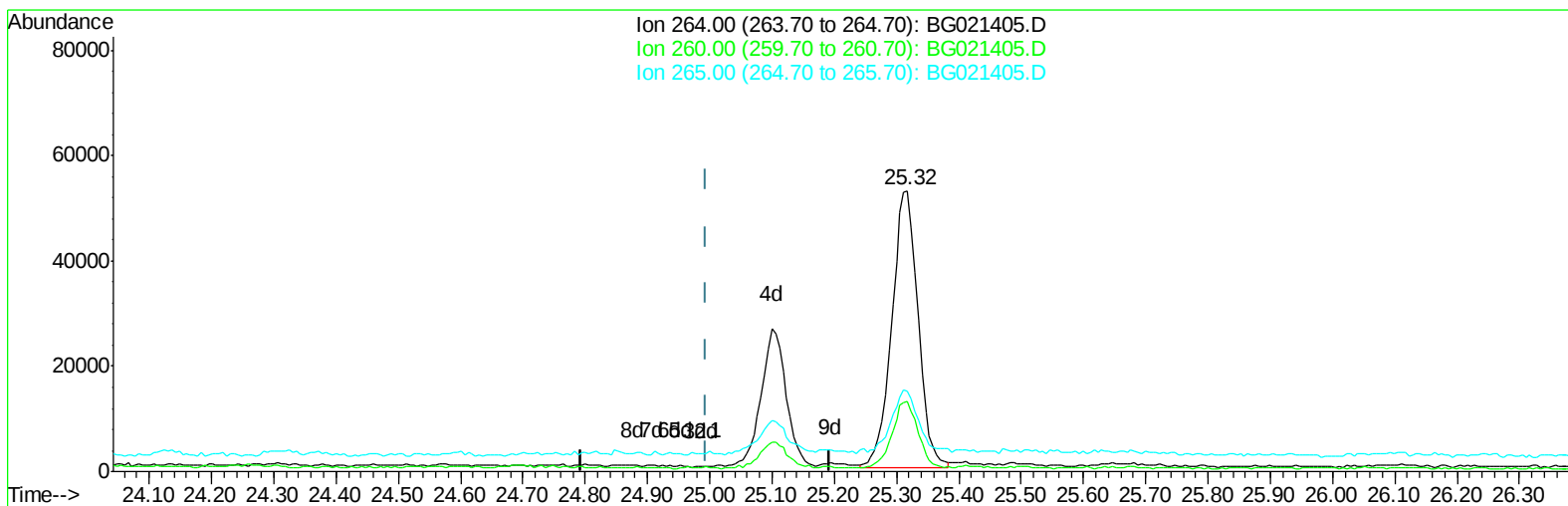
Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
 Data File : BG021405.D
 Acq On : 10 Mar 2016 12:58
 Operator : UM/SJ
 Sample : H1616-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BLDG06-P001-SS001-02

Manual Integrations
 APPROVED

Sohil
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Quant Time: Mar 11 11:26:49 2016
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 QLast Update : Fri Mar 11 00:30:31 2016
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TIC: BG021405.D

(86) Perylene-d12 (I)

25.317min (+0.323) 20.00ng/ul m

response 153910

Ion	Exp%	Act%
264.00	100	100
260.00	22.10	25.09
265.00	21.10	28.68#
0.00	0.00	0.00

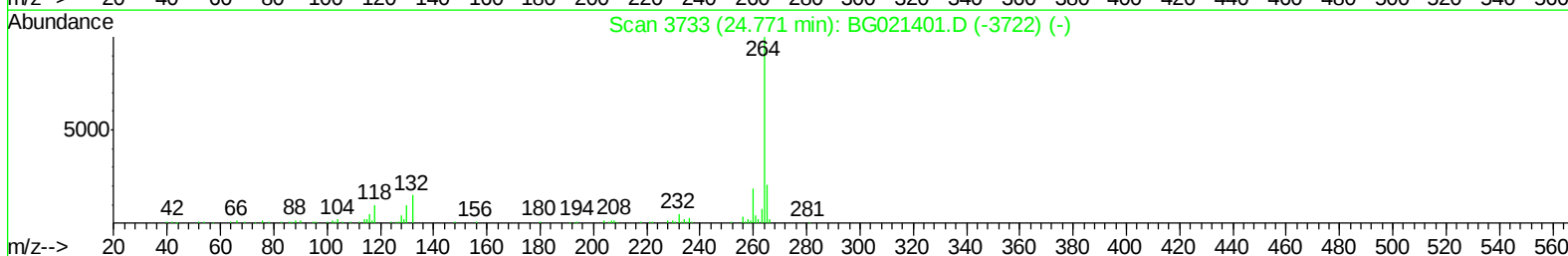
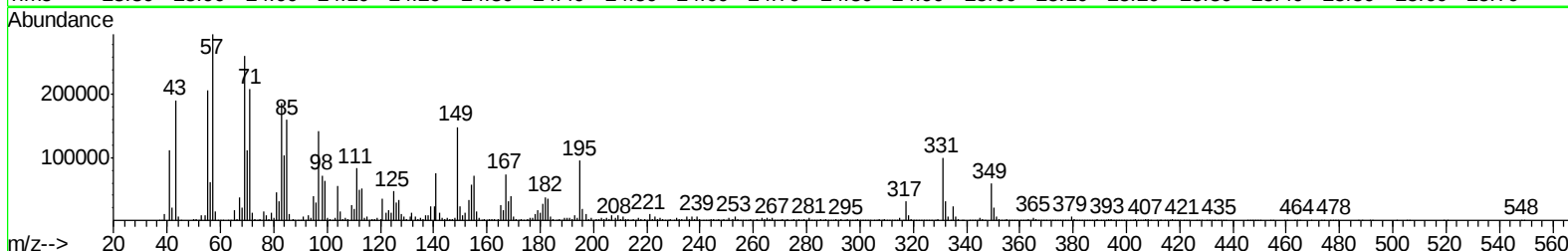
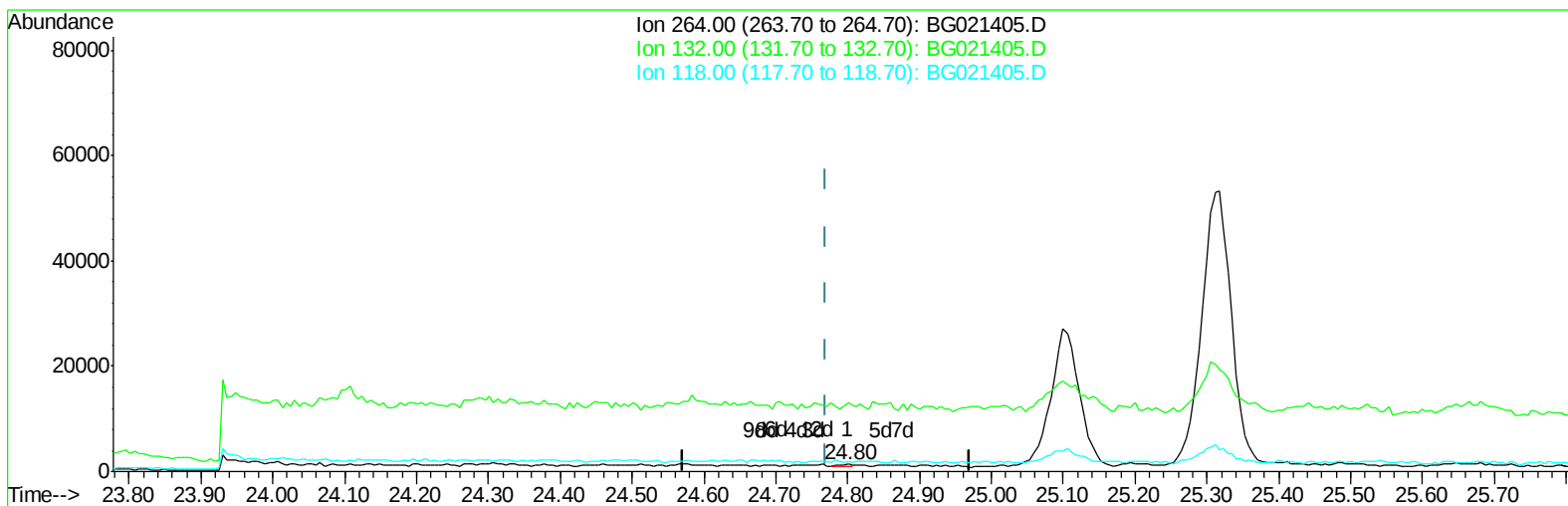
Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021405.D
Acq On : 10 Mar 2016 12:58
Operator : UM/SJ
Sample : H1616-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BLDG06-P001-SS001-02

Manual Integrations
APPROVED

Sohil
3/11/2016 5:27:29 PM

Quant Time: Mar 11 11:31:42 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 11 00:30:31 2016
Response via : Initial Calibration



TIC: BG021405.D

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

24.800min (+0.029) 0.05ng/ul

response 438

Ion	Exp%	Act%
264.00	100	100
132.00	15.60	949.13#
118.00	9.50	133.98#
0.00	0.00	0.00

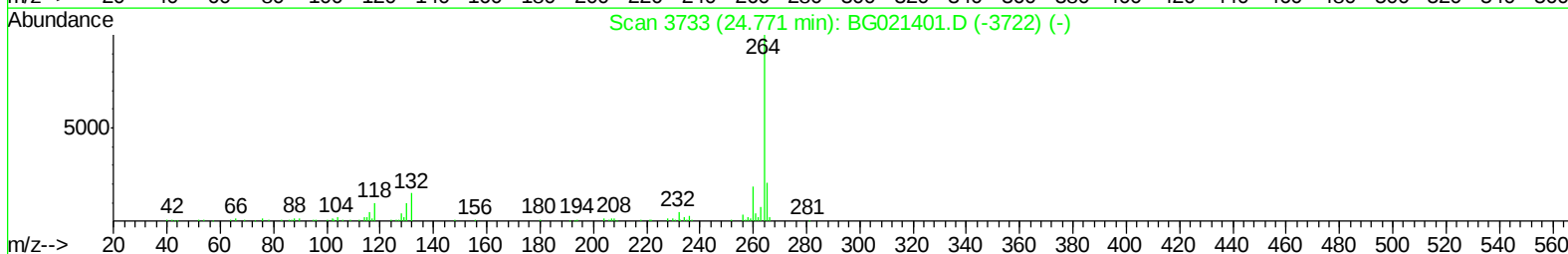
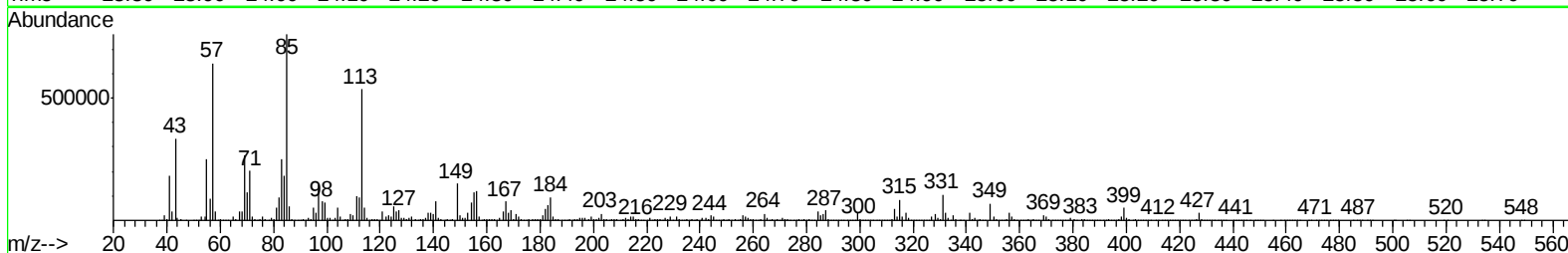
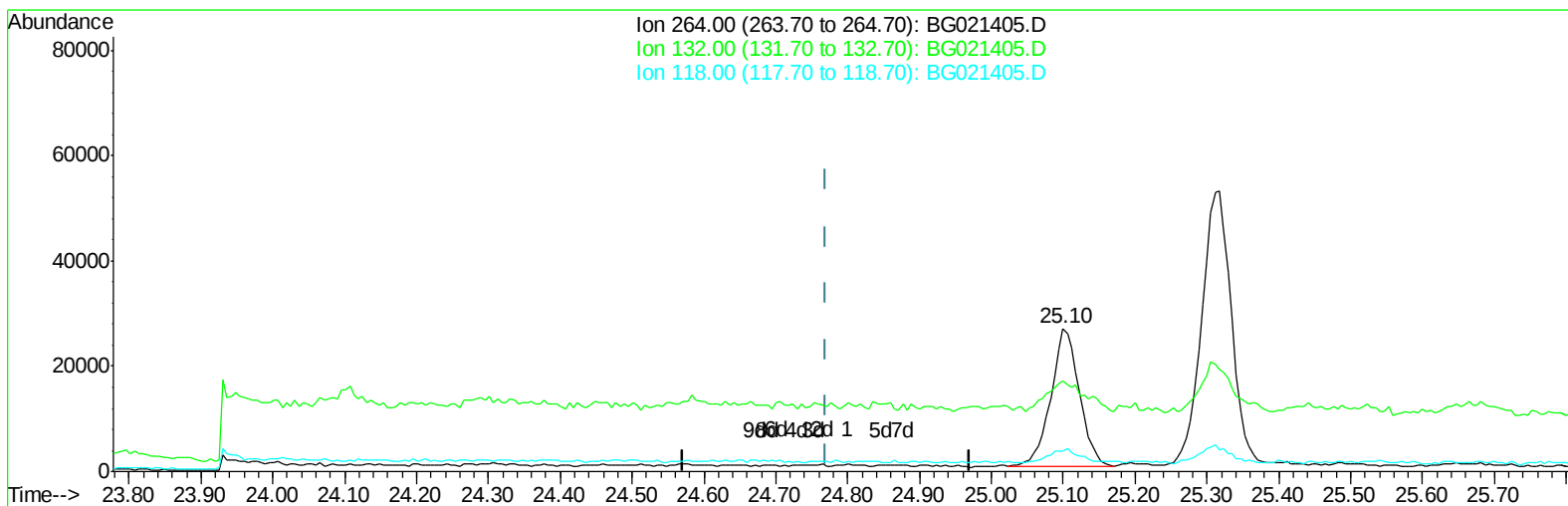
Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021405.D
Acq On : 10 Mar 2016 12:58
Operator : UM/SJ
Sample : H1616-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BLDG06-P001-SS001-02

Manual Integrations
APPROVED

Sohil
3/11/2016 5:27:29 PM

Quant Time: Mar 11 11:31:42 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration



TIC: BG021405.D

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

25.100min (+0.329) 8.85ng/ul m

response 72821

Ion	Exp%	Act%
264.00	100	100
132.00	15.60	63.72#
118.00	9.50	14.71#
0.00	0.00	0.00

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 Data File : BG021405.D
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 Operator : UM/SJ
 Sample : H1616-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BLDG06-P001-SS001-02

Manual Integrations
 APPROVED

Sohil
 3/11/2016 5:27:29 PM

Quant Time: Mar 11 11:33:46 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 11 00:30:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	16630	20.00	ng/ul	0.03
18) Naphthalene-d8	10.96	136	70154	20.00	ng/ul	0.03
36) Acenaphthene-d10	14.76	164	37971	20.00	ng/ul	0.03
62) Phenanthrene-d10	17.50	188	81439	20.00	ng/ul	0.03
78) Chrysene-d12	21.77	240	70475	20.00	ng/ul	0.04
86) Perylene-d12	25.32	264	153910m	20.00	ng/ul	0.32

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	816	2.30	ng/uL	0.01
5) Phenol-d5	7.30	99	23912	12.70	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	7.46	67	17894	14.79	ng/ul	0.02
9) 2-Chlorophenol-d4	7.67	132	18613	14.48	ng/ul	0.02
13) 4-Methylphenol-d8	8.84	113	15857	10.42	ng/ul	0.02
19) Nitrobenzene-d5	9.31	128	10803	19.11	ng/ul	0.02
22) 2-Nitrophenol-d4	10.03	143	10850	17.48	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.58	165	16018	14.20	ng/ul	0.04
29) 4-Chloroaniline-d4	10.92	131	132	0.09	ng/ul	-0.13
44) Dimethylphthalate-d6	14.15	166	52861	16.09	ng/ul	0.02
47) Acenaphthylene-d8	14.45	160	67398	16.83	ng/ul	0.02
52) 4-Nitrophenol-d4	14.96	143	4545	7.31	ng/ul	0.04
58) Fluorene-d10	15.75	176	46281	16.03	ng/ul	0.03
63) 4,6-Dinitro-2-methylphenol	15.86	200	2793	5.13	ng/ul	0.03
71) Anthracene-d10	17.60	188	62608	15.40	ng/ul	0.03
79) Pyrene-d10	19.87	212	76424	21.25	ng/ul	0.03
90) Benzo(a)pyrene-d12	25.10	264	72821m	8.85	ng/ul	0.33

Target Compounds

						Qvalue
14) Acetophenone	8.97	105	5218	2.08	ng/ul	94
28) Naphthalene	11.01	128	381156	96.89	ng/ul	99
34) 2-Methylnaphthalene	12.60	142	4756	1.63	ng/ul#	40
45) Dimethylphthalate	14.20	163	23554	6.71	ng/ul	98
70) Phenanthrene	17.54	178	19892	4.11	ng/ul#	87
77) Fluoranthene	19.54	202	23019m	4.11	ng/ul	
80) Pyrene	19.90	202	29113	6.17	ng/ul#	89

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

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Instrument :
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APPROVED

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