

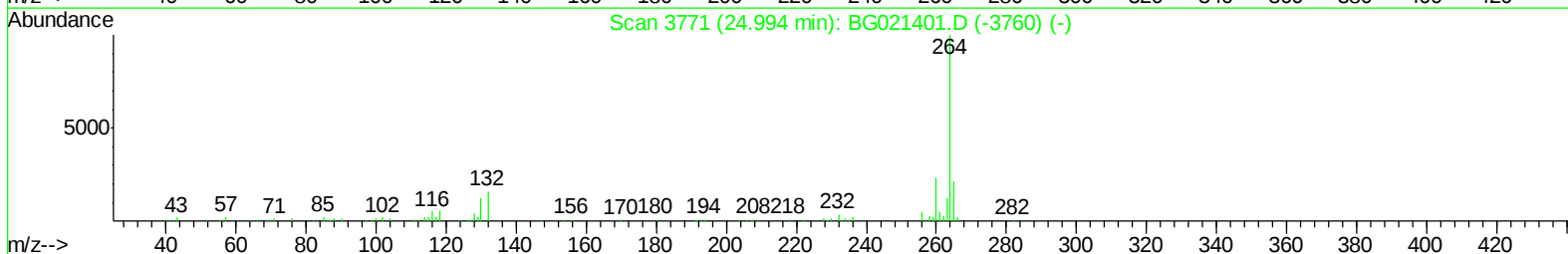
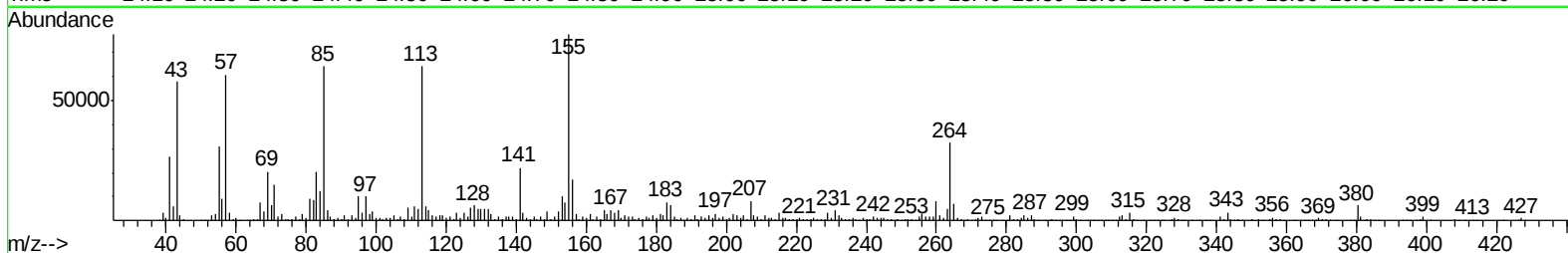
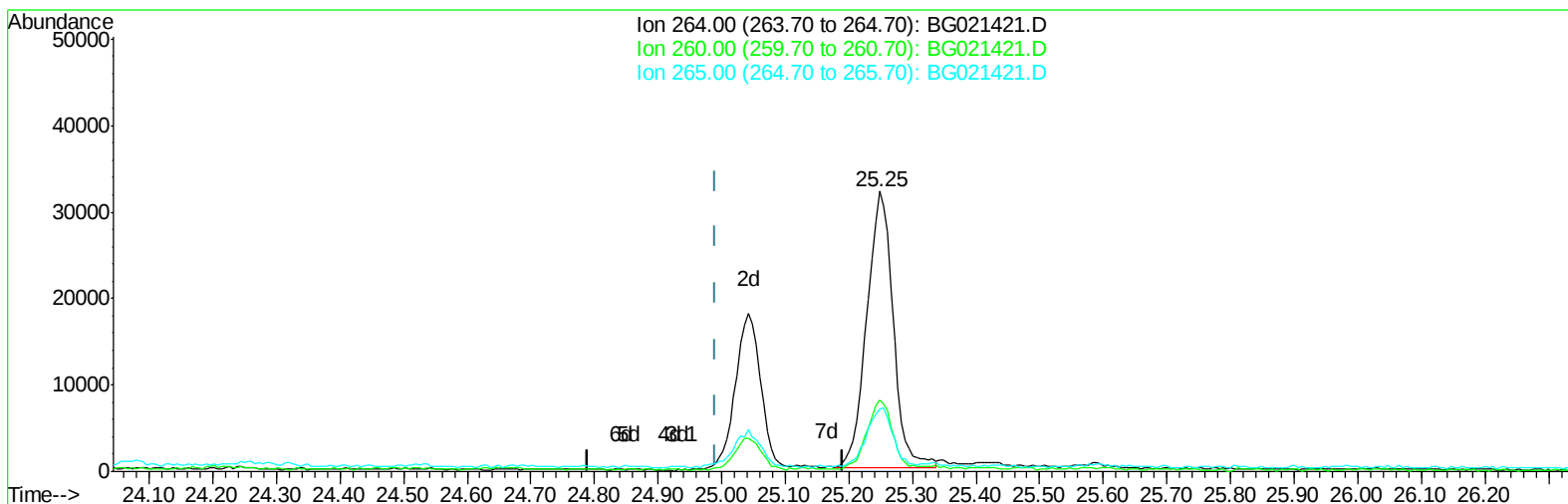
Data Path : S:\HPCHEM1\BNA_G\DATA\BG031116\
Data File : BG021421.D
Acq On : 11 Mar 2016 16:09
Operator : UM/SJ
Sample : H1616-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

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

Manual Integrations
APPROVED

Sohil
3/11/2016 6:31:11 PM

Quant Time: Mar 11 17:52:33 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 11 17:22:23 2016
Response via : Initial Calibration



TIC: BG021421.D

(86) Perylene-d12 (I)

25.248min (+0.257) 20.00ng/ul m

response 91748

Ion	Exp%	Act%
264.00	100	100
260.00	22.10	25.52
265.00	21.10	22.38
0.00	0.00	0.00

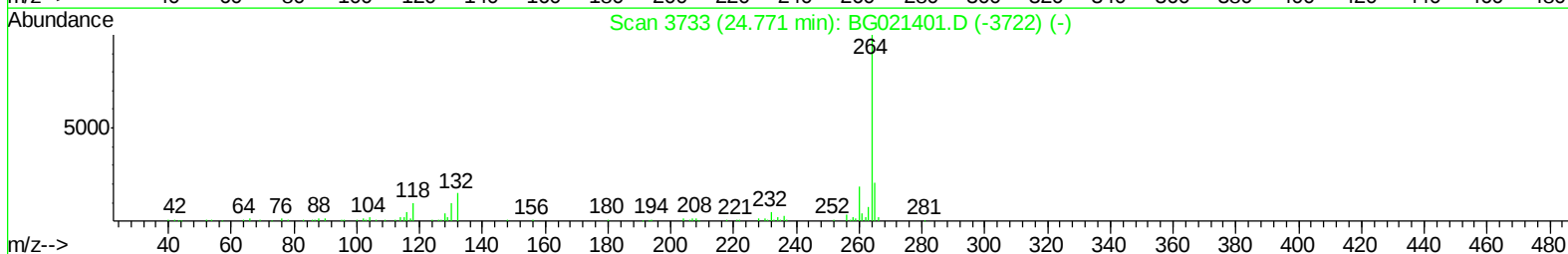
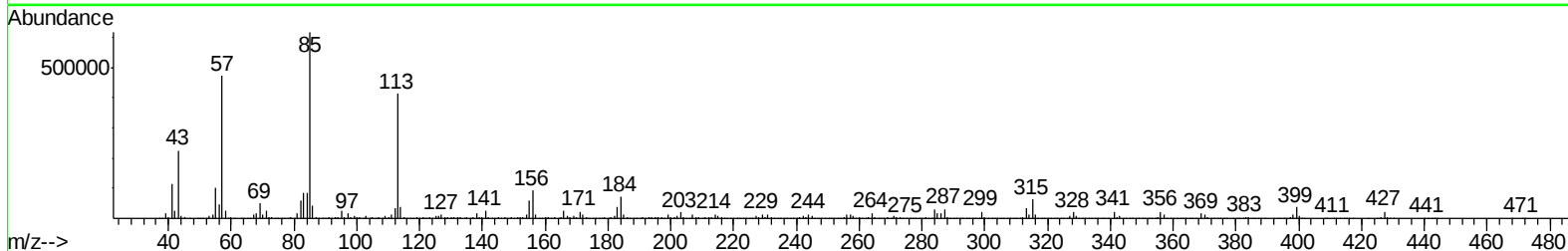
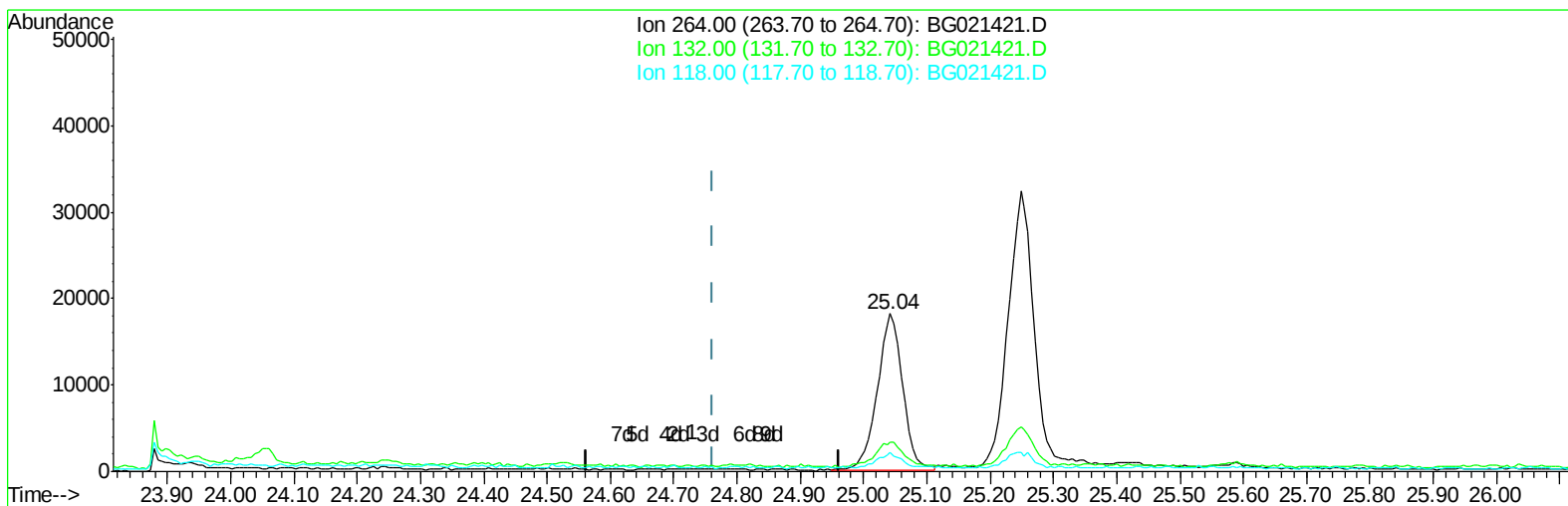
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TIC: BG021421.D

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

25.042min (+0.280) 10.36ng/ul m

response 50836

Ion	Exp%	Act%
264.00	100	100
132.00	15.60	18.78#
118.00	9.50	11.91#
0.00	0.00	0.00

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 Sample : H1616-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	16939	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	71685	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	38259	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	81639	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	53137	20.00	ng/ul	0.00
86) Perylene-d12	25.25	264	91748m	20.00	ng/ul	0.26

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.51	96	864	2.39	ng/uL	0.00
5) Phenol-d5	7.32	99	24905	12.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.44	67	19021	15.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	19650	15.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	17335	11.18	ng/ul	0.00
19) Nitrobenzene-d5	9.28	128	10062	17.42	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	10618	16.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.58	165	15760	13.67	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.13	166	52657	15.90	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	67671	16.77	ng/ul	0.00
52) 4-Nitrophenol-d4	15.02	143	4280	6.84	ng/ul	0.02
58) Fluorene-d10	15.72	176	45862	15.76	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.84	200	4173	7.64	ng/ul	0.00
71) Anthracene-d10	17.57	188	61739	15.15	ng/ul	0.00
79) Pyrene-d10	19.84	212	64190	23.68	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.04	264	50836m	10.36	ng/ul	0.28

Target Compounds

						Qvalue
14) Acetophenone	8.95	105	5245	2.05	ng/ul	90
28) Naphthalene	10.98	128	384259	95.59	ng/ul	99
34) 2-Methylnaphthalene	12.57	142	3763	1.26	ng/ul	100
45) Dimethylphthalate	14.18	163	23749	6.71	ng/ul	99
70) Phenanthrene	17.51	178	18930	3.90	ng/ul#	91
77) Fluoranthene	19.51	202	16556	2.95	ng/ul#	92
80) Pyrene	19.87	202	24951	7.02	ng/ul#	94

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

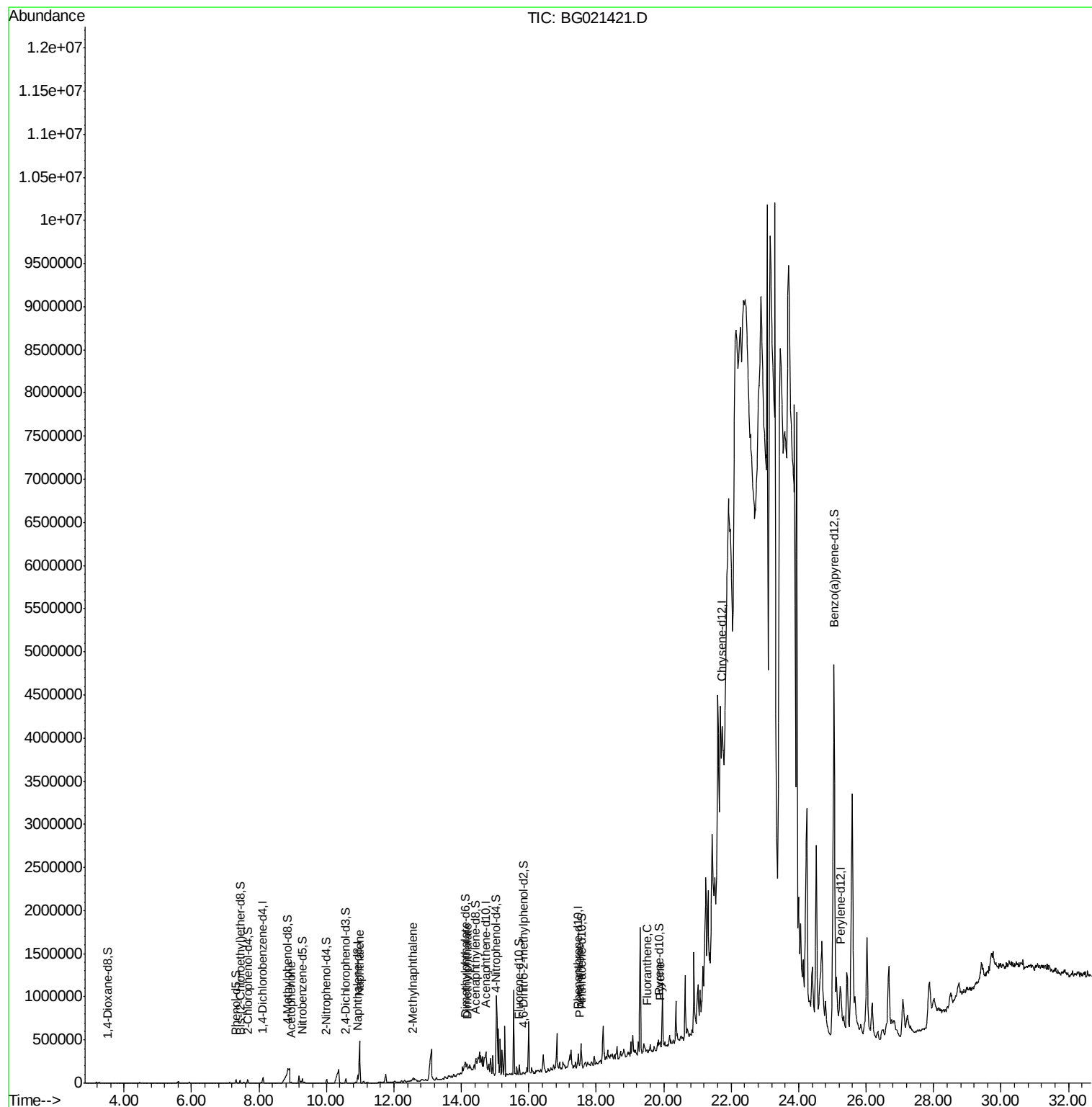
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BNA_G
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Manual Integrations
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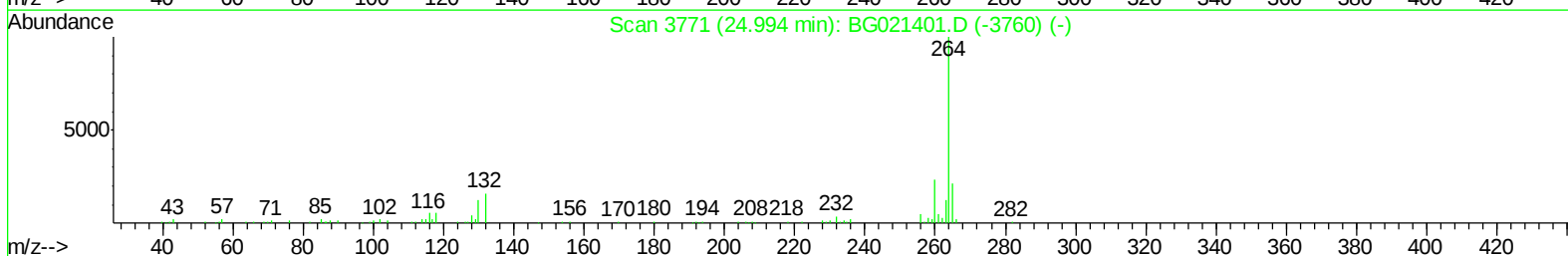
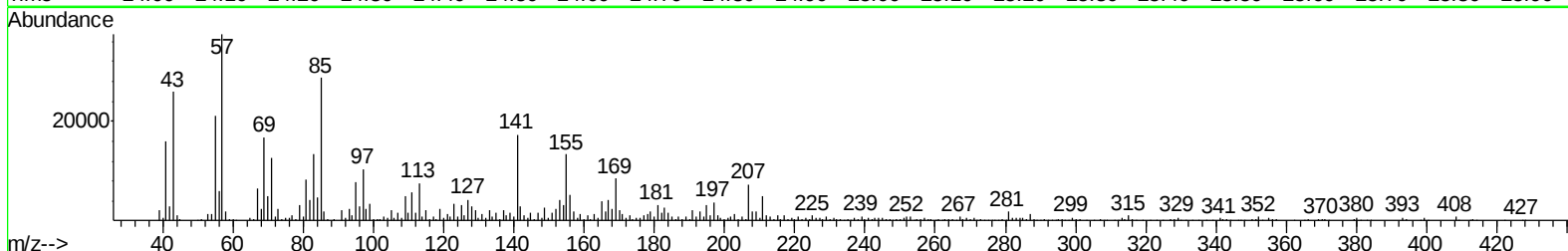
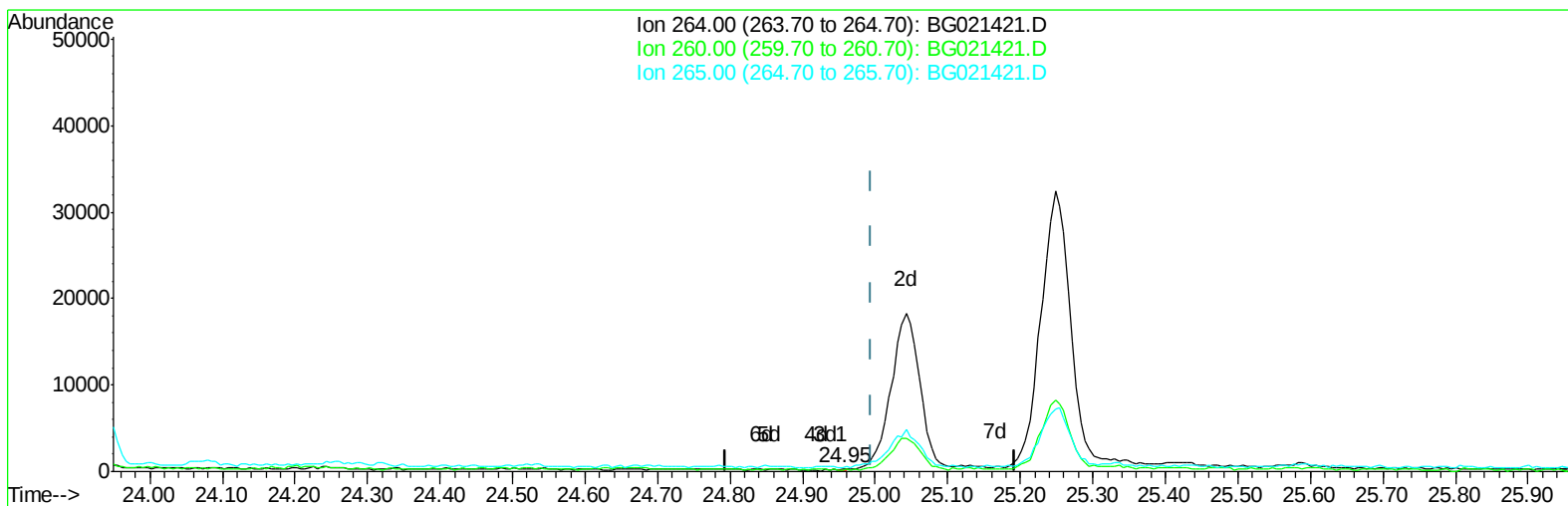
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Instrument :
 BNA_G
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Manual Integrations
 APPROVED

Sohil
 3/11/2016 6:31:11 PM

Quant Time: Mar 11 18:28:32 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: BG021421.D

(86) Perylene-d12 (I)

24.954min (-0.040) 20.00ng/ul

response 62

Ion	Exp%	Act%
264.00	100	100
260.00	22.10	59.88#
265.00	21.10	148.15#
0.00	0.00	0.00

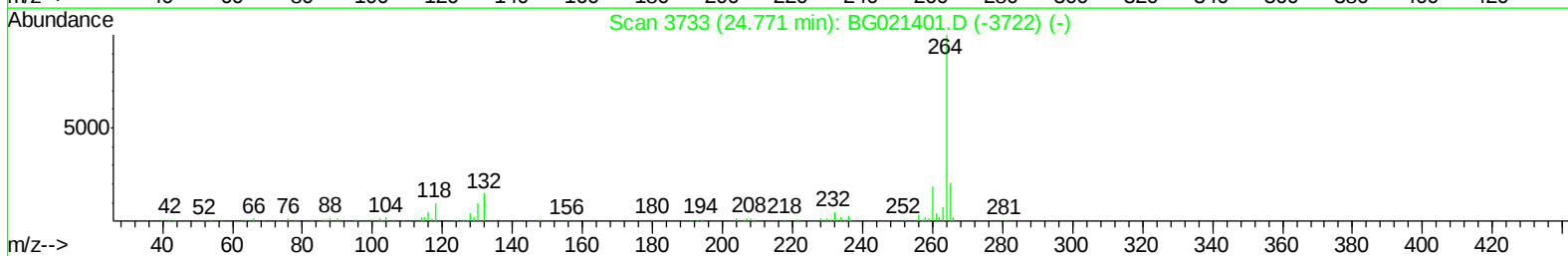
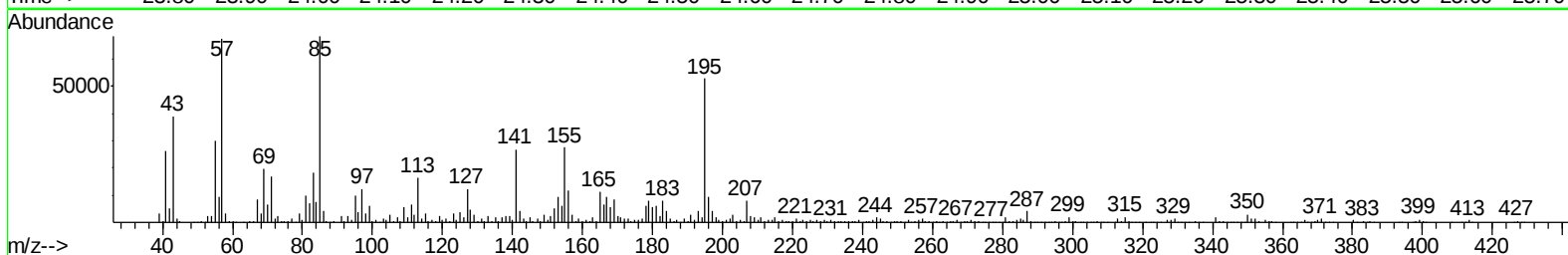
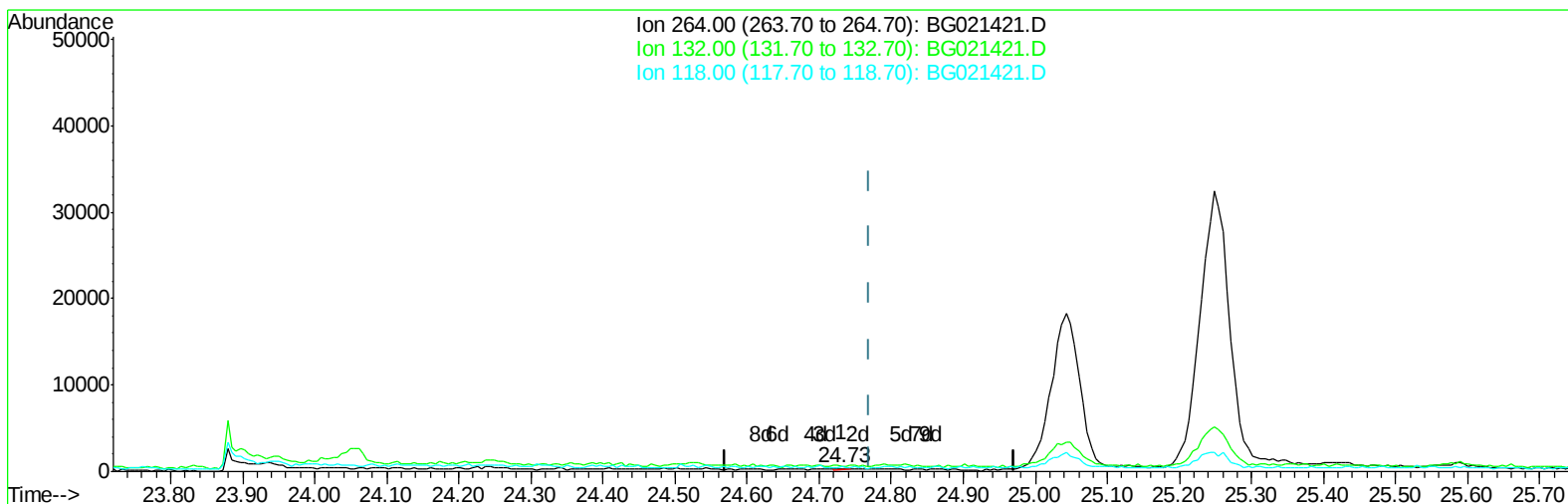
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BNA_G
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Manual Integrations
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TIC: BG021421.D

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

24.731min (-0.040) 36.80ng/ul

response 122

Ion	Exp%	Act%
264.00	100	100
132.00	15.60	169.27#
118.00	9.50	144.47#
0.00	0.00	0.00