

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012417\
Data File : BG025621.D
Acq On : 24 Jan 2017 23:47
Operator : UM/SJ
Sample : I1316-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

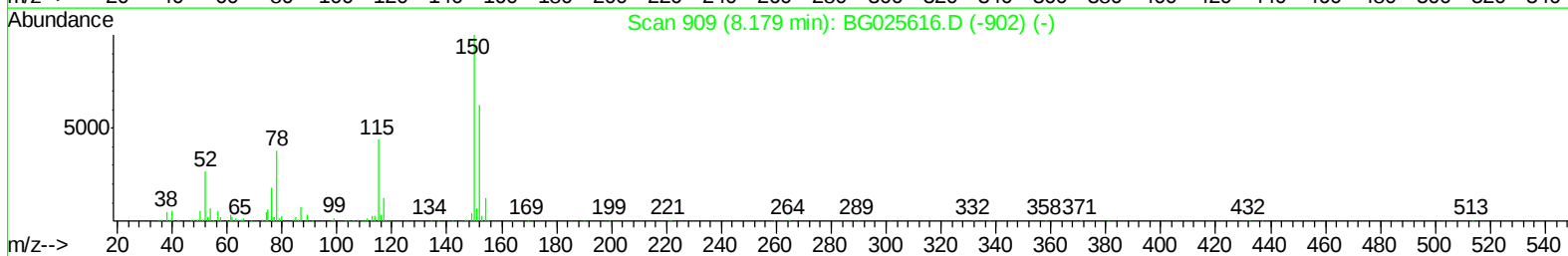
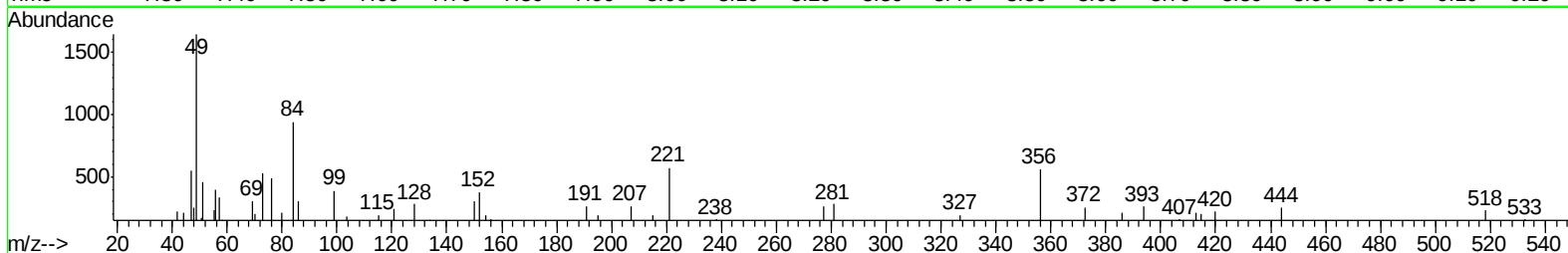
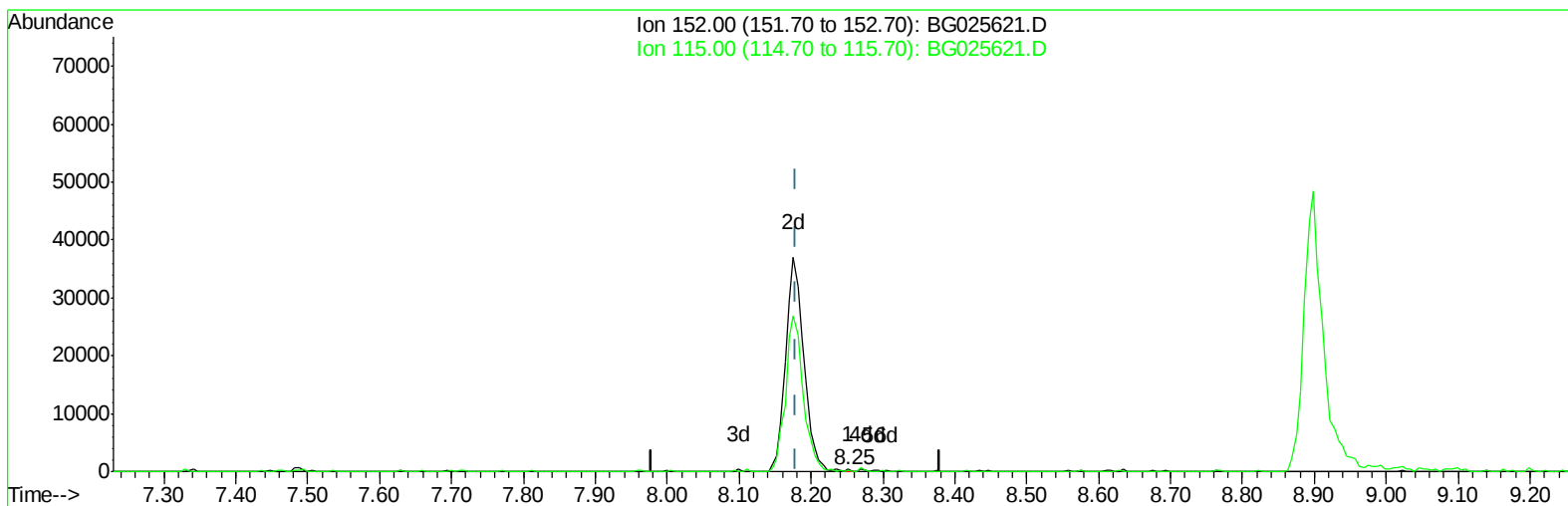
Instrument :
BNA_G
ClientSampleId :
BDP21

Manual Integrations
APPROVED

mohammad

1/25/2017 3:47:56 PM

Quant Time: Jan 25 03:00:53 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 25 02:56:13 2017
Response via : Initial Calibration



TIC: BG025621.D

(1) 1,4-Dichlorobenzene-d4 (I)

8.252min (+0.073) 20.00ng/ul

response 134

Ion	Exp%	Act%
152.00	100	100
115.00	57.40	51.44
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012417\
Data File : BG025621.D
Acq On : 24 Jan 2017 23:47
Operator : UM/SJ
Sample : I1316-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

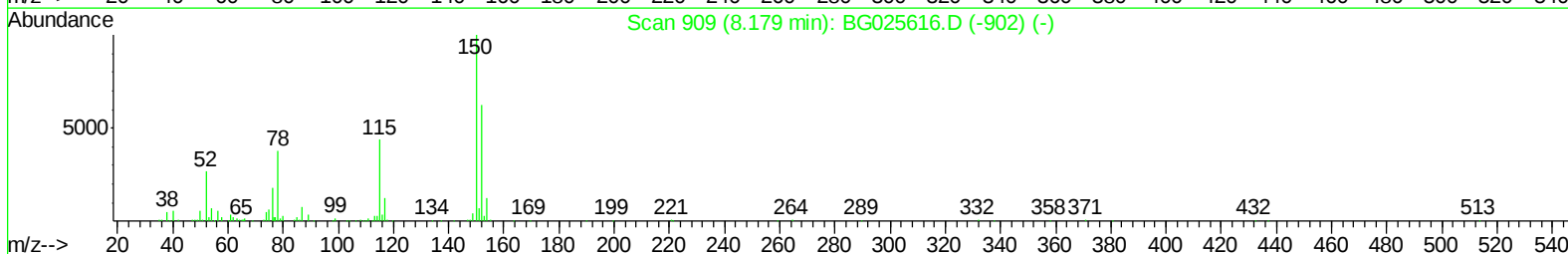
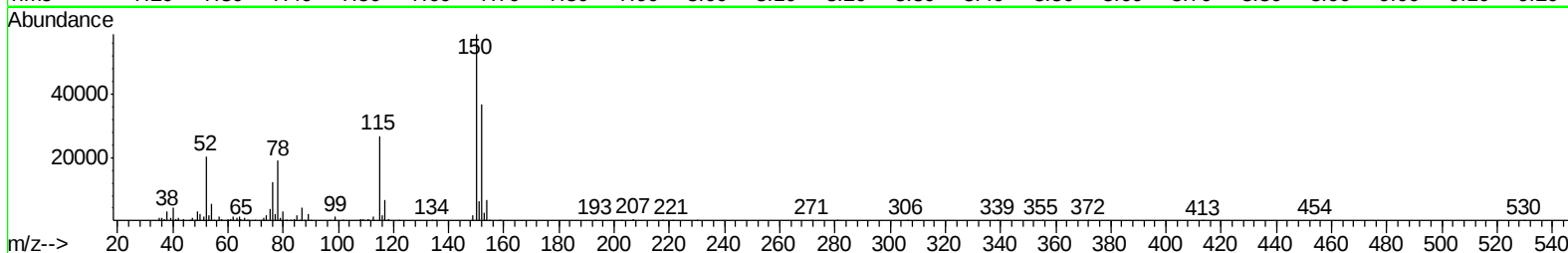
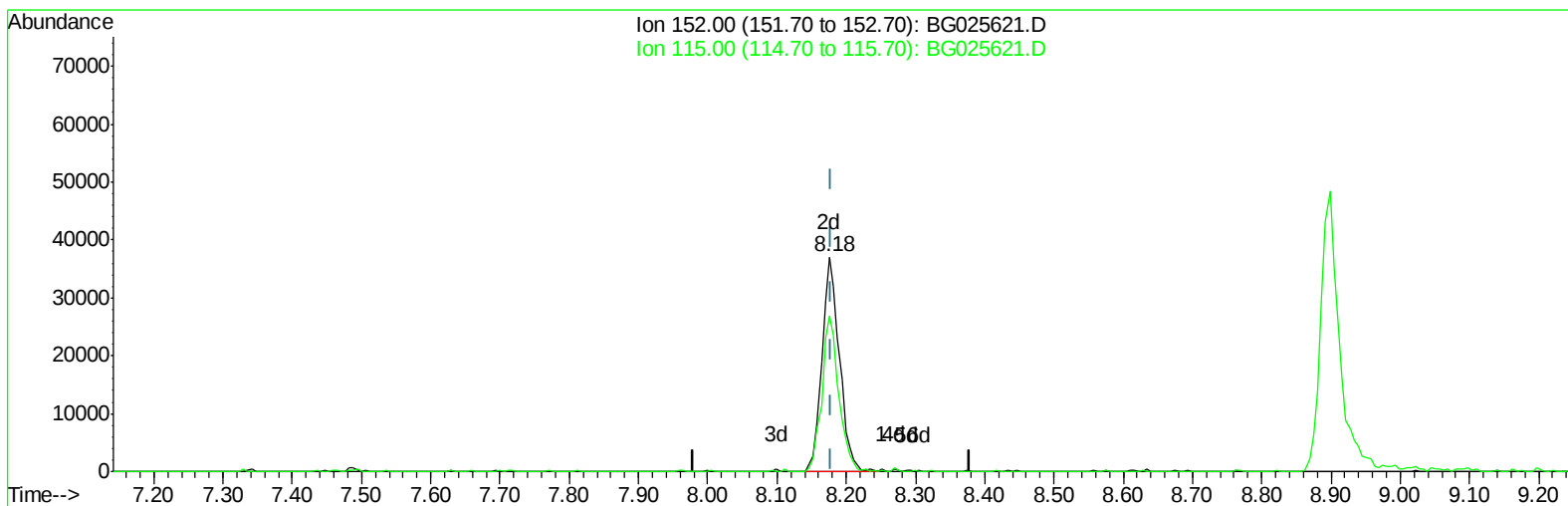
Instrument :
BNA_G
ClientSampleId :
BDP21

Manual Integrations
APPROVED

mohammad

1/25/2017 3:47:56 PM

Quant Time: Jan 25 03:00:53 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 25 02:56:13 2017
Response via : Initial Calibration



TIC: BG025621.D

(1) 1,4-Dichlorobenzene-d4 (I)

8.176min (-0.004) 20.00ng/ul m

response 64841

Ion	Exp%	Act%
152.00	100	100
115.00	57.40	72.55#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012417\
Data File : BG025621.D
Acq On : 24 Jan 2017 23:47
Operator : UM/SJ
Sample : I1316-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

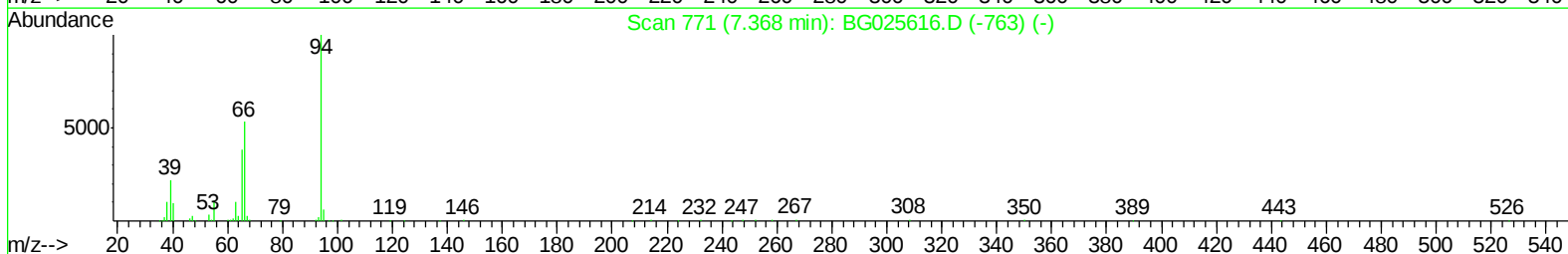
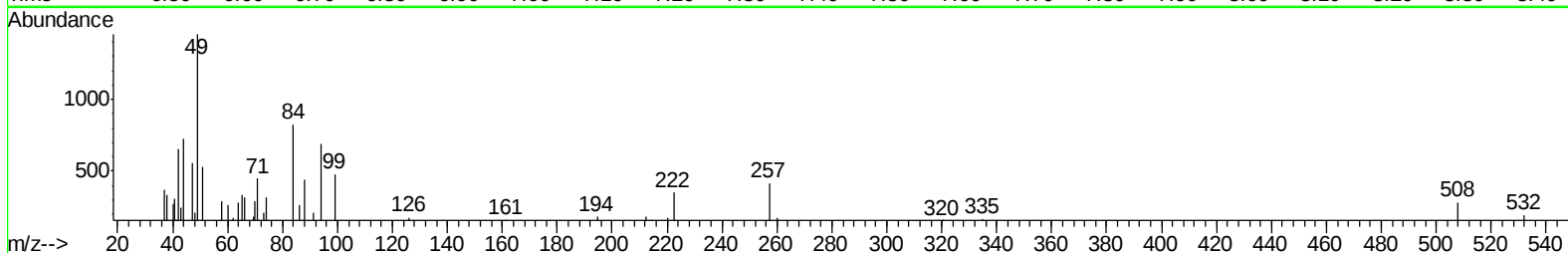
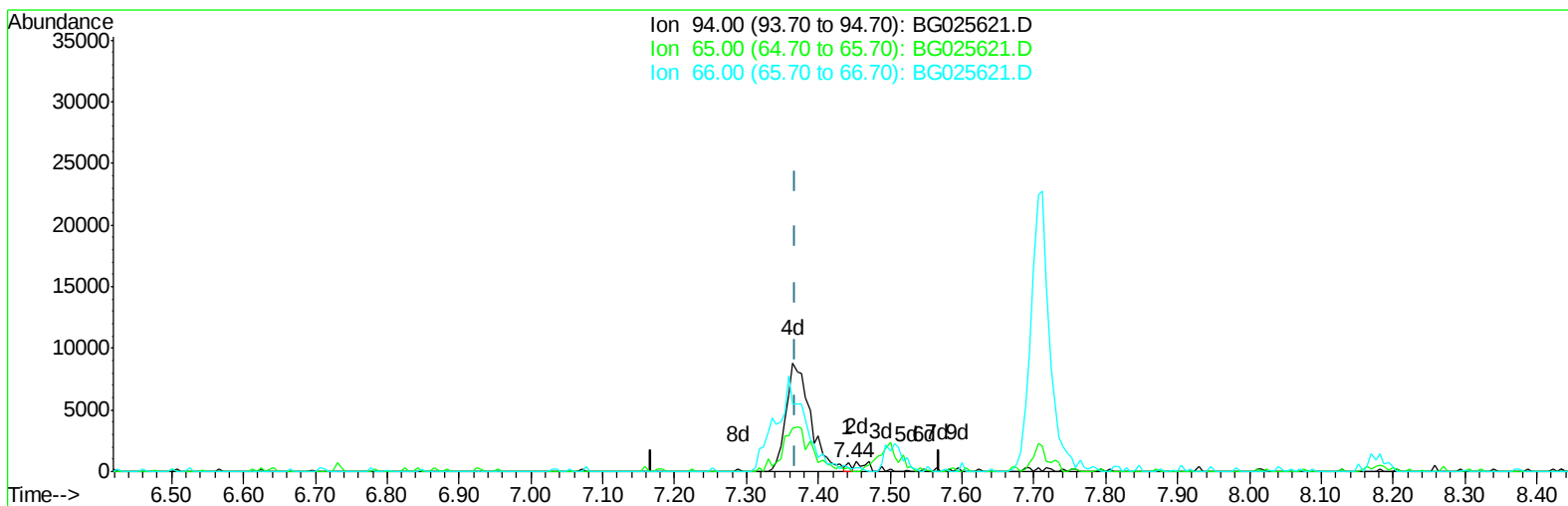
Instrument :
BNA_G
ClientSampleId :
BDP21

Manual Integrations
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mohammad

1/25/2017 3:47:56 PM

Quant Time: Jan 25 03:01:23 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 25 02:56:13 2017
Response via : Initial Calibration



TIC: BG025621.D

(6) Phenol

7.441min (+0.073) 0.05ng/ul

response 305

Ion	Exp%	Act%
94.00	100	100
65.00	33.50	48.34#
66.00	55.50	46.03
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012417\
 Data File : BG025621.D
 Acq On : 24 Jan 2017 23:47
 Operator : UM/SJ
 Sample : I1316-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

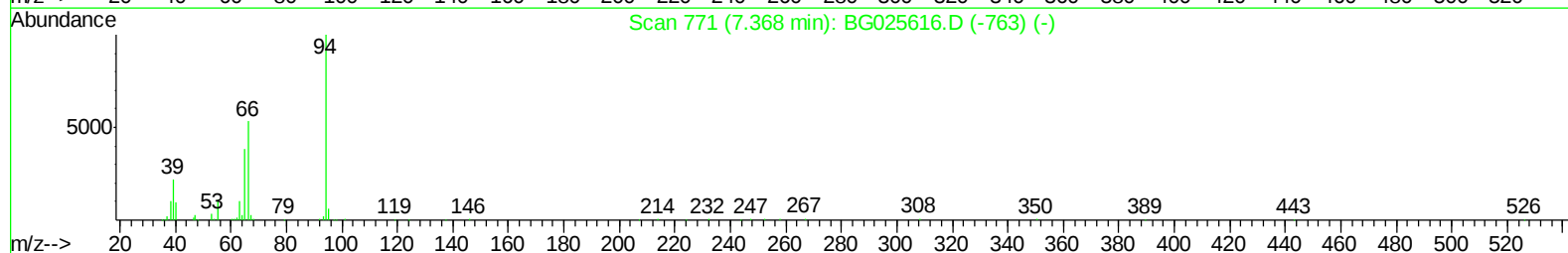
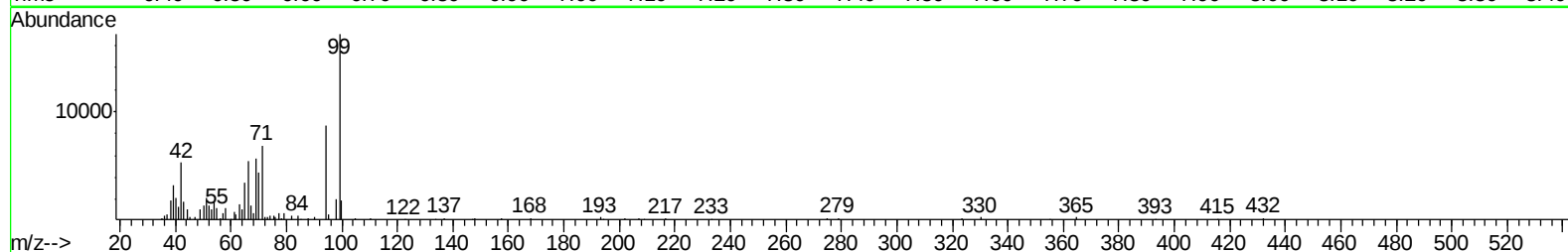
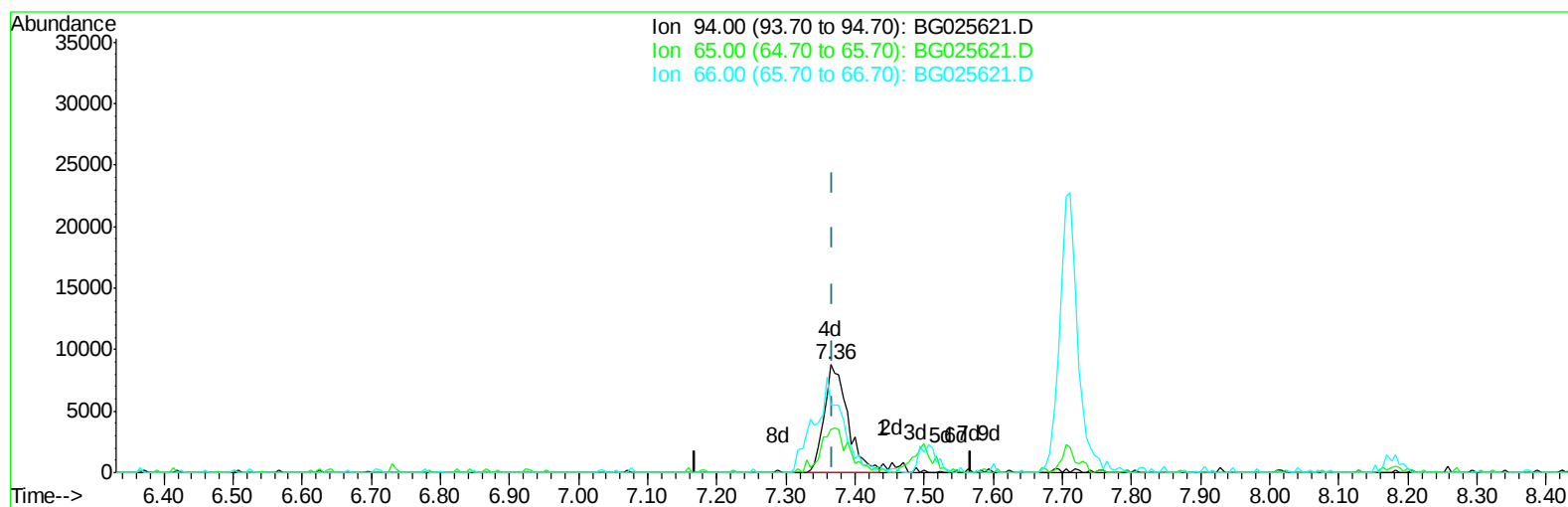
Instrument :
 BNA_G
 ClientSampleId :
 BDP21

Manual Integrations
 APPROVED

mohammad

1/25/2017 3:47:56 PM

Quant Time: Jan 25 03:01:23 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 25 02:56:13 2017
 Response via : Initial Calibration



TIC: BG025621.D

(6) Phenol

7.365min (-0.004) 3.57ng/ul m

response 20832

Ion	Exp%	Act%
94.00	100	100
65.00	33.50	40.75#
66.00	55.50	62.34
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012417\
Data File : BG025621.D
Acq On : 24 Jan 2017 23:47
Operator : UM/SJ
Sample : I1316-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

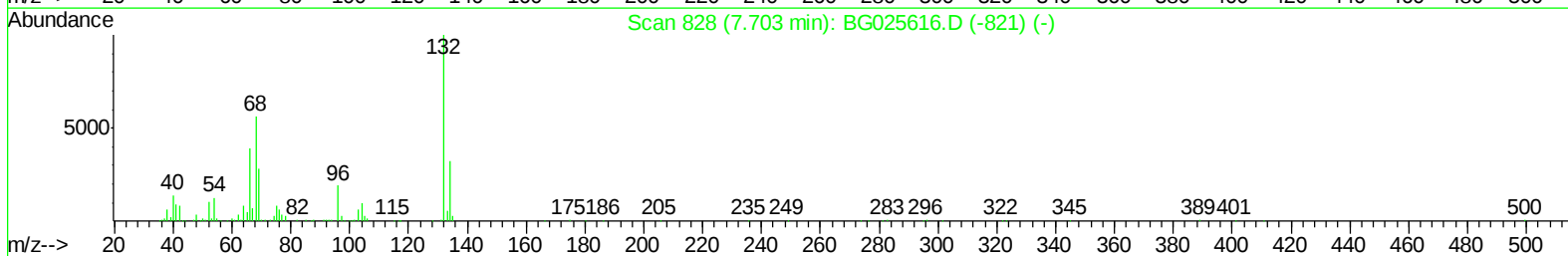
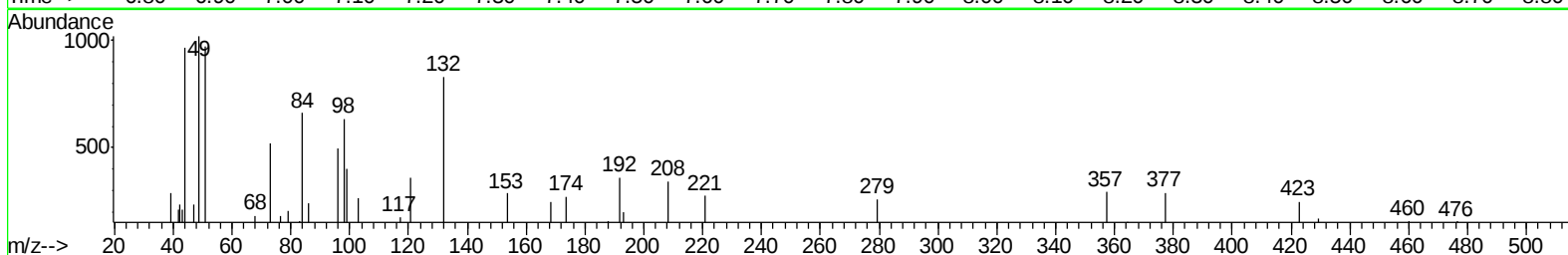
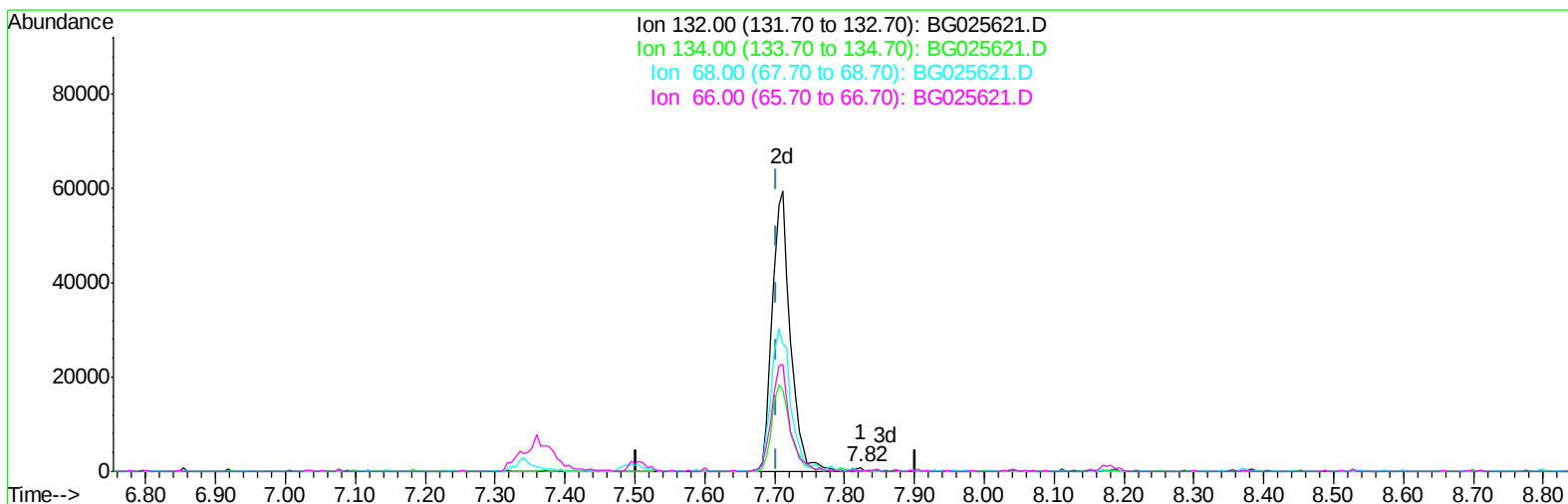
Instrument :
BNA_G
ClientSampleId :
BDP21

Manual Integrations
APPROVED

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1/25/2017 3:47:56 PM

Quant Time: Jan 25 03:01:23 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 25 02:56:13 2017
Response via : Initial Calibration



TIC: BG025621.D

(9) 2-Chlorophenol-d4 (S)

7.823min (+0.120) 0.21ng/ul

response 831

Ion	Exp%	Act%
132.00	100	100
134.00	38.90	0.00#
68.00	51.70	21.66#
66.00	47.60	0.00#

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012417\
Data File : BG025621.D
Acq On : 24 Jan 2017 23:47
Operator : UM/SJ
Sample : I1316-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

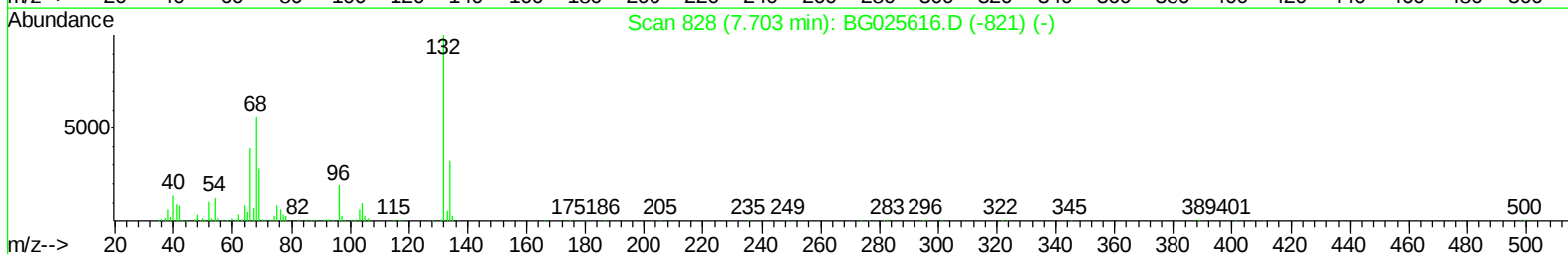
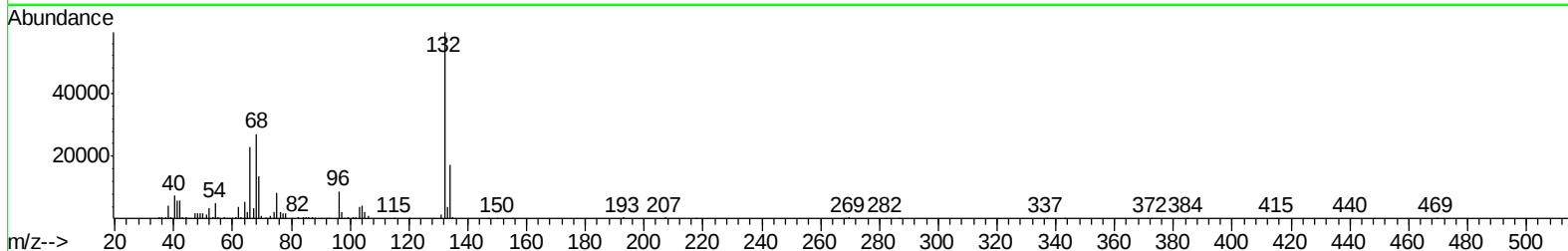
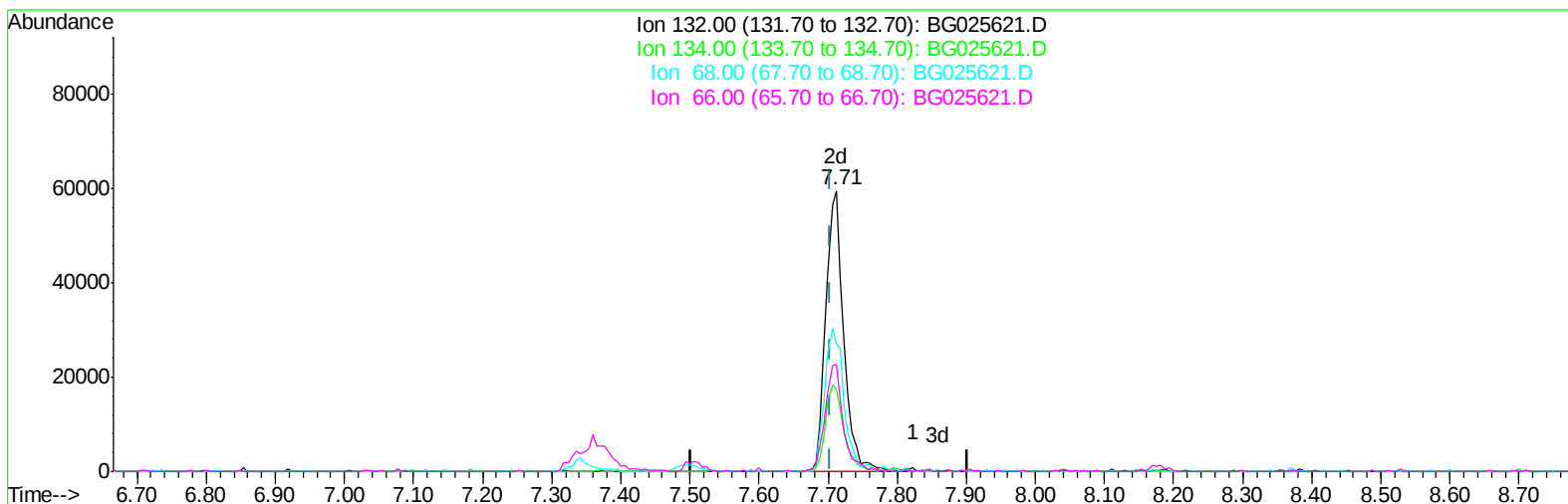
Instrument :
BNA_G
ClientSampleId :
BDP21

Manual Integrations
APPROVED

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1/25/2017 3:47:56 PM

Quant Time: Jan 25 03:01:23 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 25 02:56:13 2017
Response via : Initial Calibration



TIC: BG025621.D

(9) 2-Chlorophenol-d4 (S)

7.711min (+0.008) 27.07ng/ul m

response 106121

Ion	Exp%	Act%
132.00	100	100
134.00	38.90	28.92#
68.00	51.70	45.66
66.00	47.60	38.24

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012417\
Data File : BG025621.D
Acq On : 24 Jan 2017 23:47
Operator : UM/SJ
Sample : I1316-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

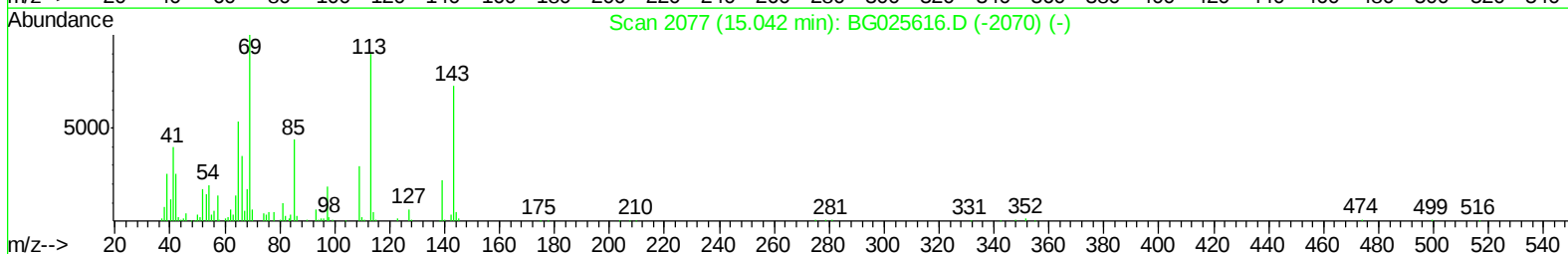
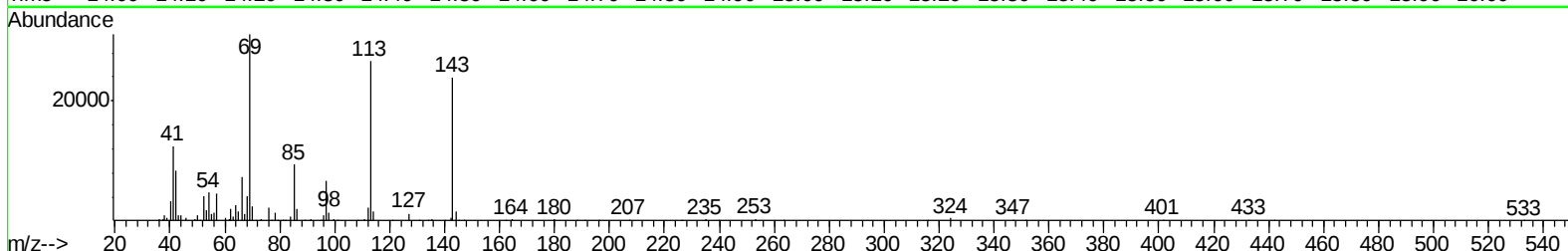
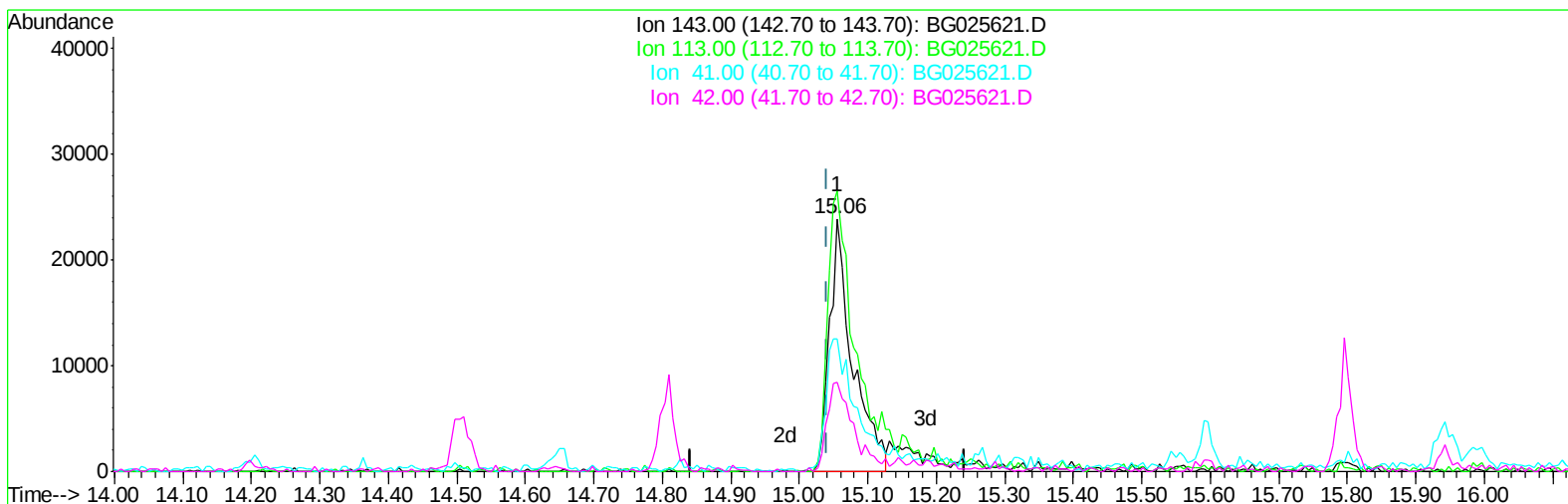
Instrument :
BNA_G
ClientSampleId :
BDP21

Manual Integrations
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1/25/2017 3:47:56 PM

Quant Time: Jan 25 03:01:23 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 25 02:56:13 2017
Response via : Initial Calibration



TIC: BG025621.D

(51) 4-Nitrophenol-d4 (S)

15.056min (+0.014) 20.69ng/ul

response 55774

Ion	Exp%	Act%
143.00	100	100
113.00	117.30	111.09
41.00	58.00	52.43
42.00	42.20	35.22

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012417\
Data File : BG025621.D
Acq On : 24 Jan 2017 23:47
Operator : UM/SJ
Sample : I1316-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

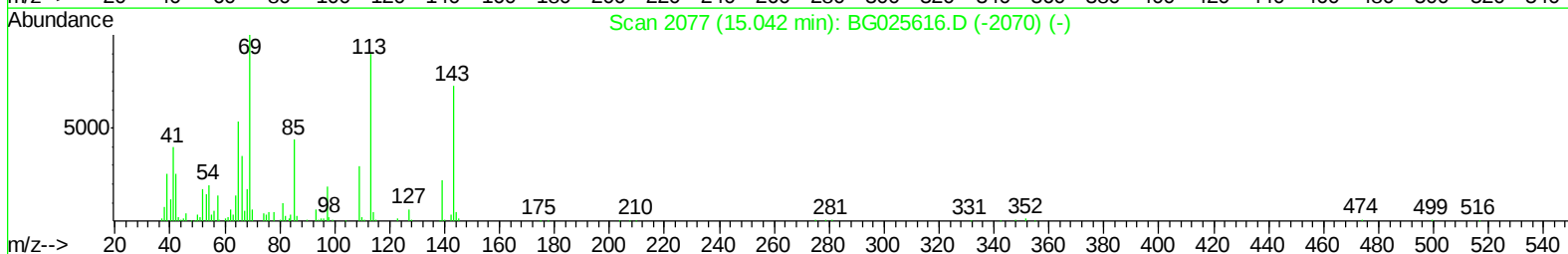
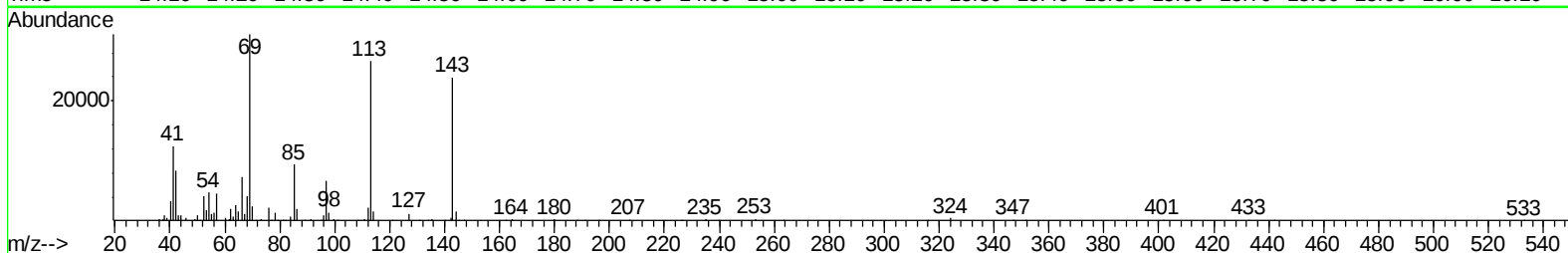
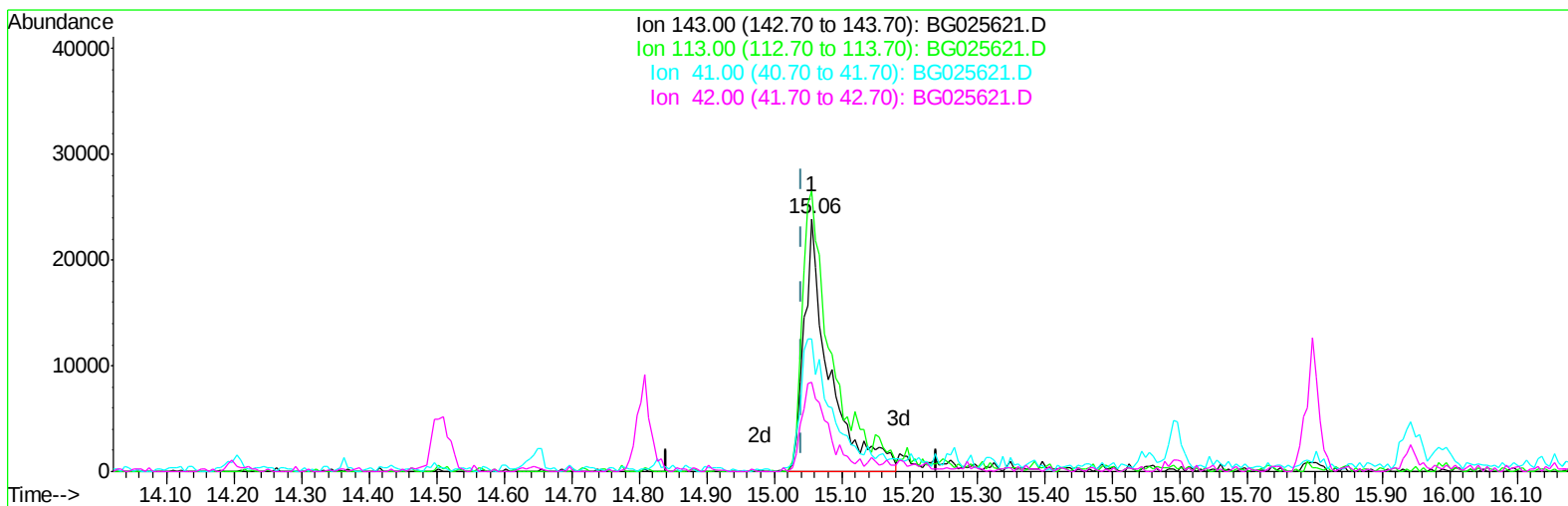
Instrument :
BNA_G
ClientSampleId :
BDP21

Manual Integrations
APPROVED

mohammad

1/25/2017 3:47:56 PM

Quant Time: Jan 25 03:01:23 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 25 02:56:13 2017
Response via : Initial Calibration



TIC: BG025621.D

(51) 4-Nitrophenol-d4 (S)

15.056min (+0.014) 23.04ng/ul m

response 62111

Ion	Exp%	Act%
143.00	100	100
113.00	117.30	111.09
41.00	58.00	52.43
42.00	42.20	35.22

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012417\
Data File : BG025621.D
Acq On : 24 Jan 2017 23:47
Operator : UM/SJ
Sample : I1316-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

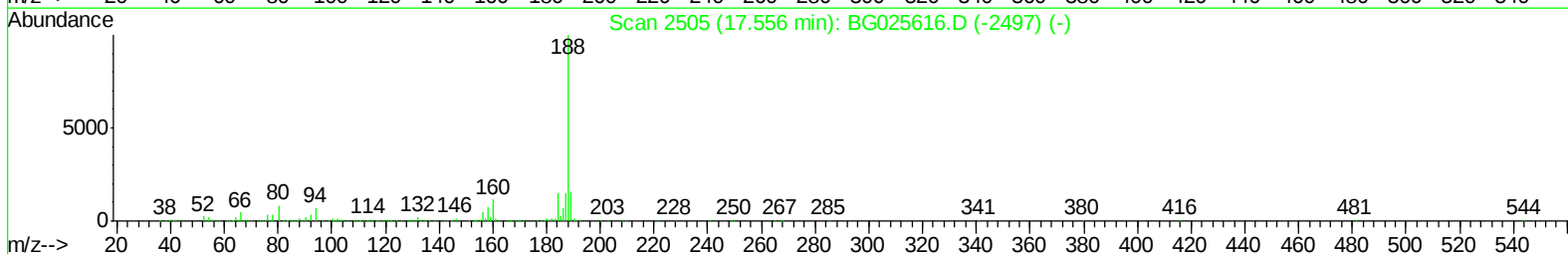
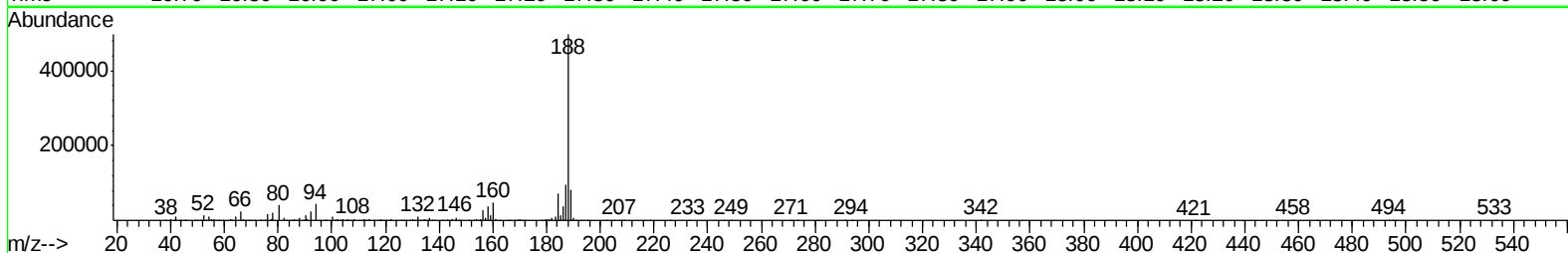
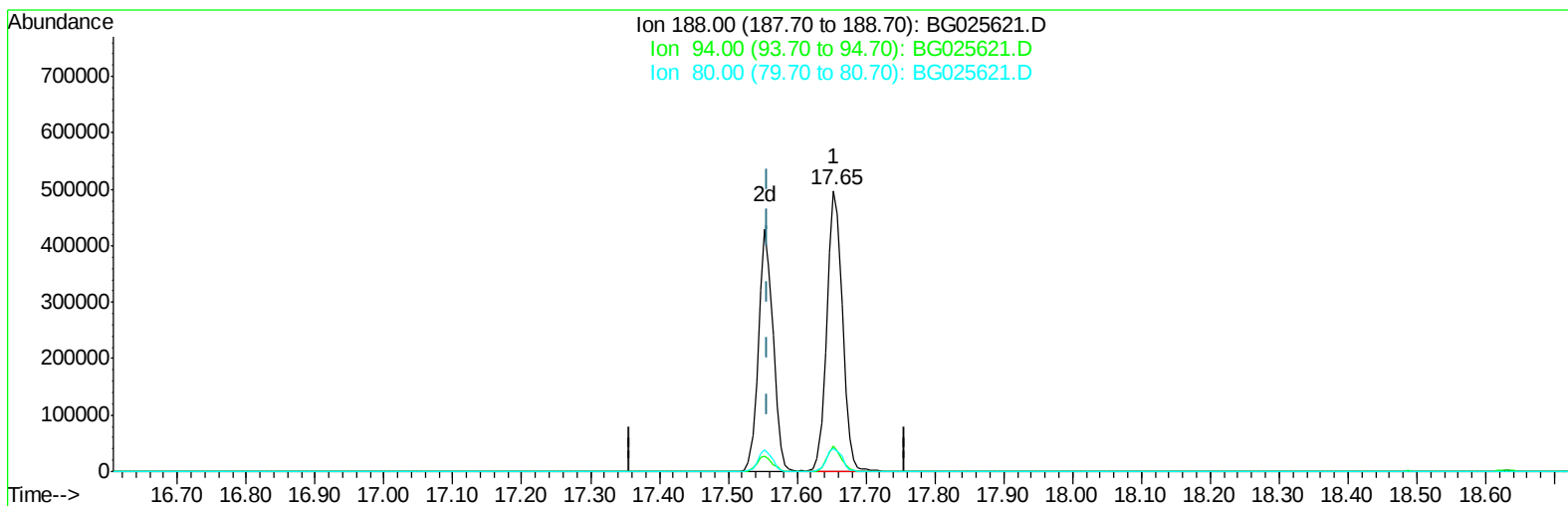
Instrument :
BNA_G
ClientSampleId :
BDP21

Manual Integrations
APPROVED

mohammad

1/25/2017 3:47:56 PM

Quant Time: Jan 25 03:01:23 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 25 02:56:13 2017
Response via : Initial Calibration



TIC: BG025621.D

(61) Phenanthrene-d10 (I)

17.653min (+0.096) 20.00ng/ul

response 774304

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	8.92
80.00	9.50	8.24
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012417\
Data File : BG025621.D
Acq On : 24 Jan 2017 23:47
Operator : UM/SJ
Sample : I1316-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

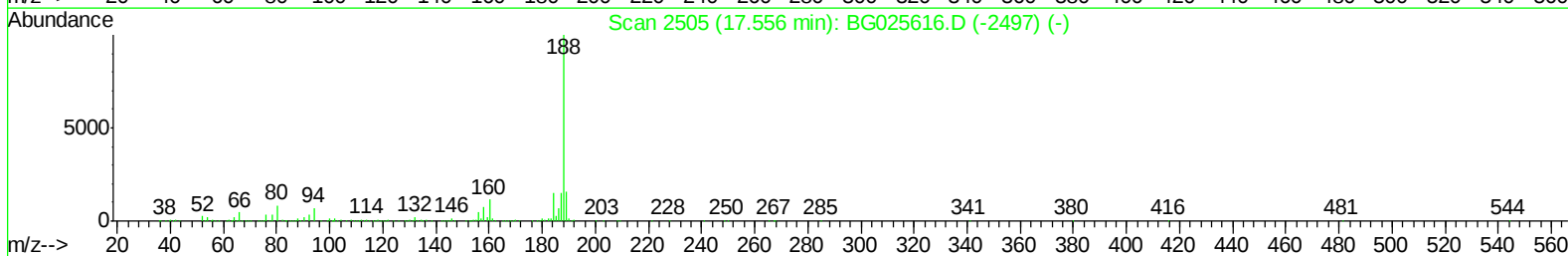
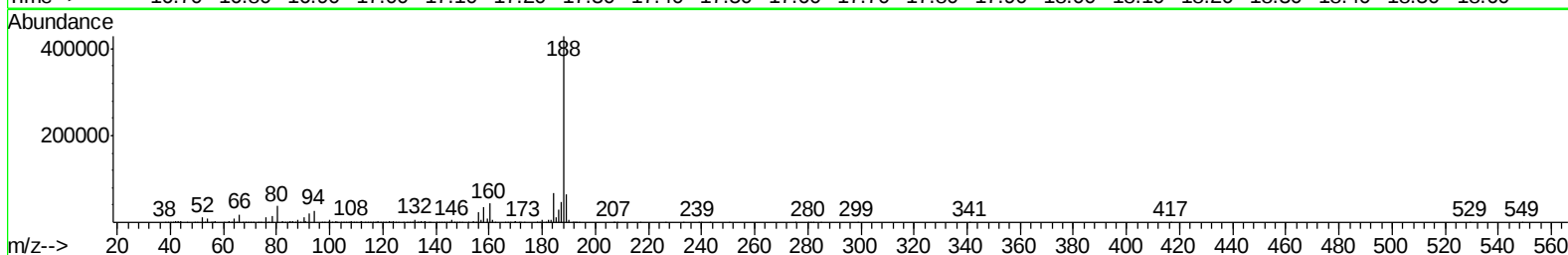
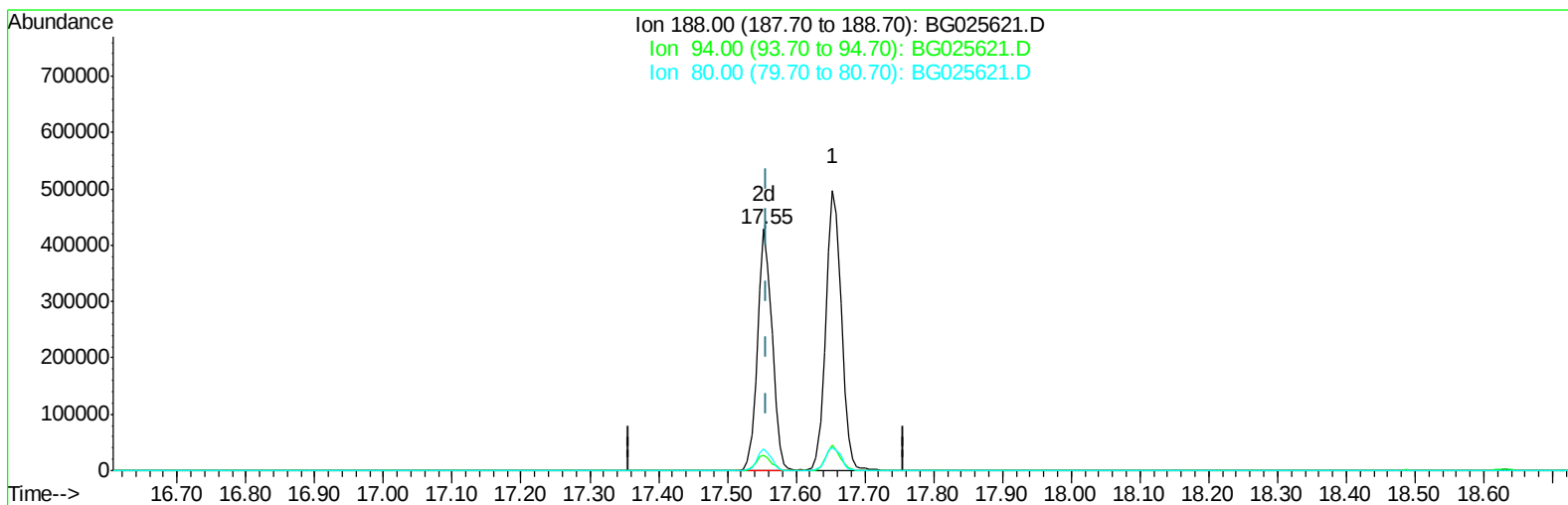
Instrument :
BNA_G
ClientSampleId :
BDP21

Manual Integrations
APPROVED

mohammad

1/25/2017 3:47:56 PM

Quant Time: Jan 25 03:01:23 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 25 02:56:13 2017
Response via : Initial Calibration



TIC: BG025621.D

(61) Phenanthrene-d10 (I)

17.553min (-0.004) 20.00ng/ul m

response 625863

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	6.56#
80.00	9.50	8.82
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012417\
Data File : BG025621.D
Acq On : 24 Jan 2017 23:47
Operator : UM/SJ
Sample : I1316-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

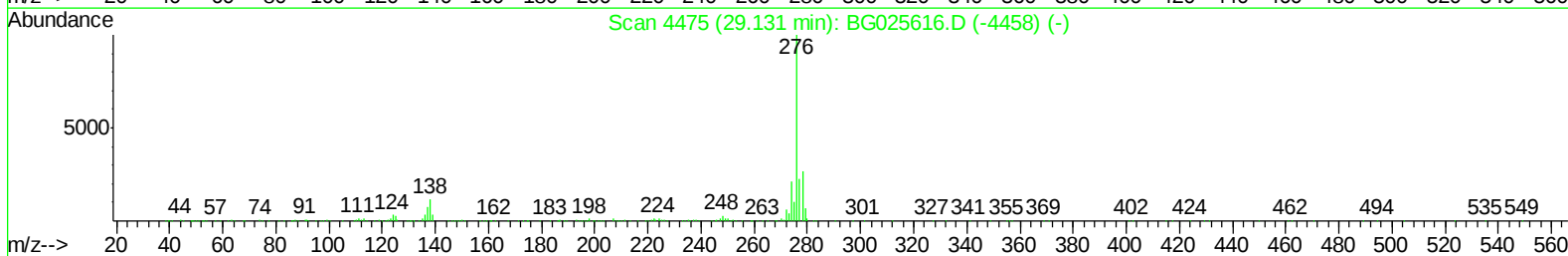
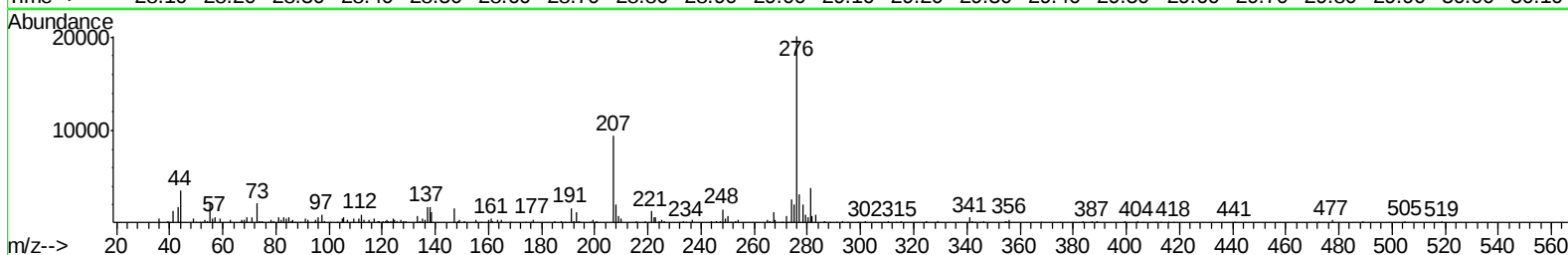
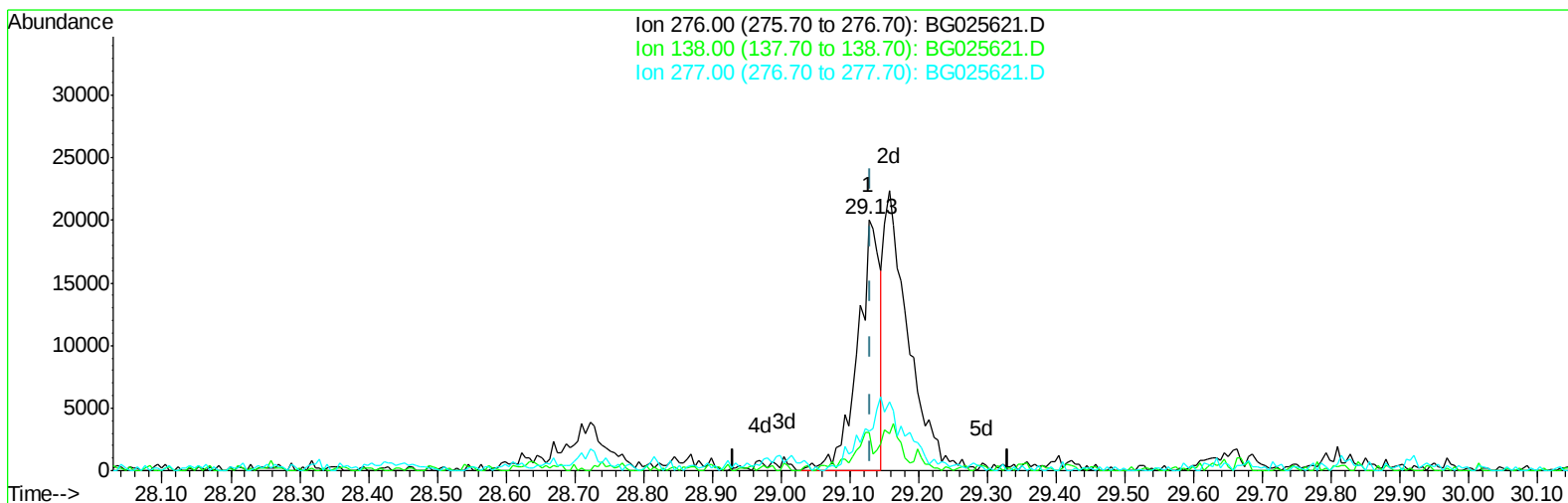
Instrument :
BNA_G
ClientSampleId :
BDP21

Manual Integrations
APPROVED

mohammad

1/25/2017 3:47:56 PM

Quant Time: Jan 25 03:03:17 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 25 02:56:13 2017
Response via : Initial Calibration



TIC: BG025621.D

(89) Indeno(1,2,3-cd)pyrene

29.128min (-0.004) 0.95ng/ul

response 45880

Ion	Exp%	Act%
276.00	100	100
138.00	10.30	15.21#
277.00	23.30	15.98#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012417\
Data File : BG025621.D
Acq On : 24 Jan 2017 23:47
Operator : UM/SJ
Sample : I1316-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

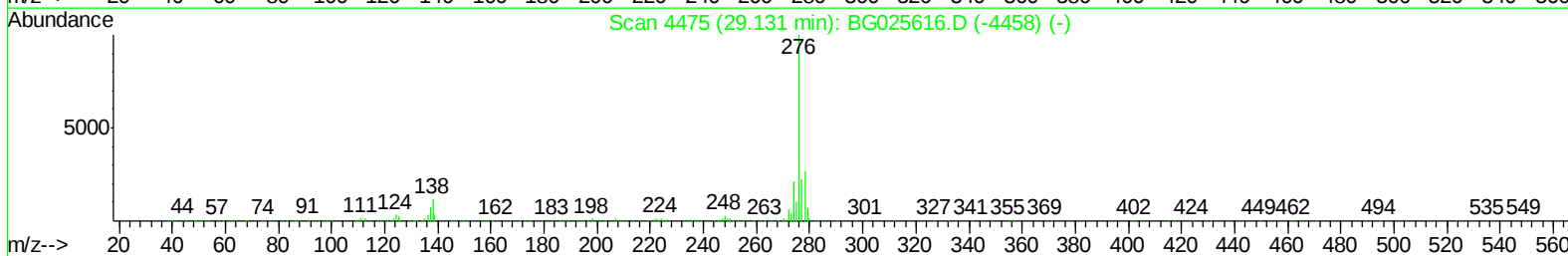
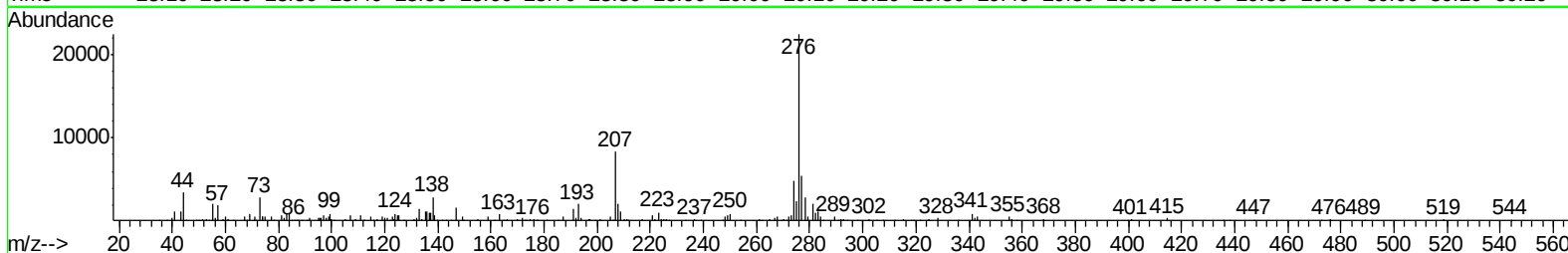
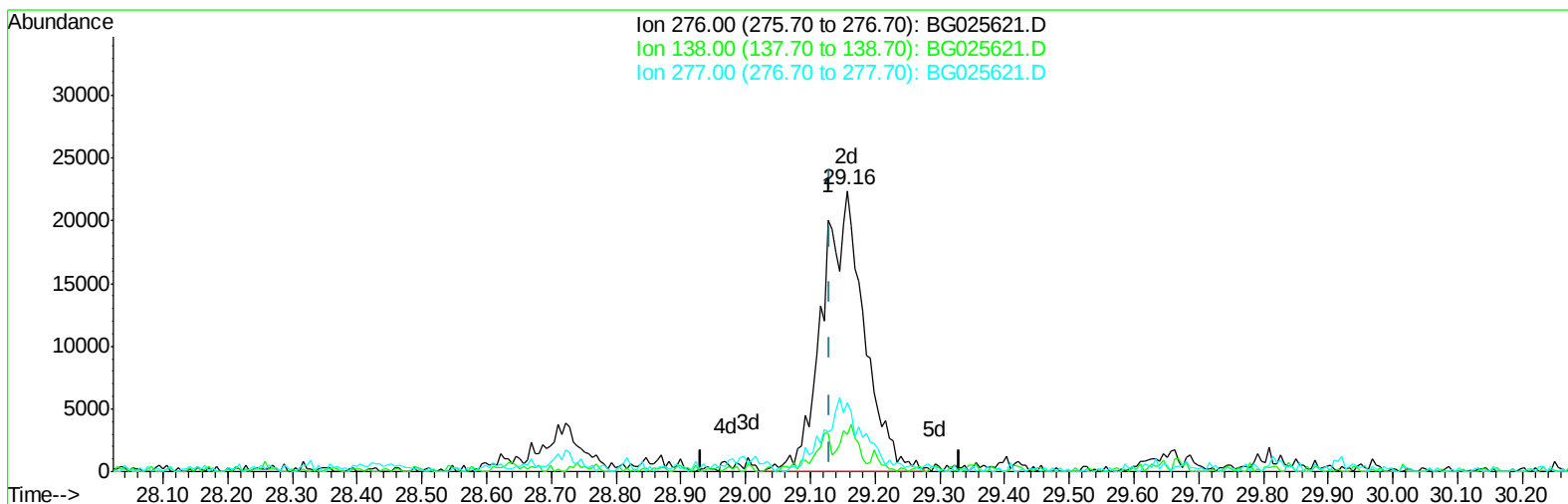
Instrument :
BNA_G
ClientSampleId :
BDP21

Manual Integrations
APPROVED

mohammad

1/25/2017 3:47:56 PM

Quant Time: Jan 25 03:03:17 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 25 02:56:13 2017
Response via : Initial Calibration



TIC: BG025621.D

(89) Indeno(1,2,3-cd)pyrene

29.157min (+0.026) 2.07ng/ul m

response 100004

Ion	Exp%	Act%
276.00	100	100
138.00	10.30	13.13#
277.00	23.30	24.73
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012417\
Data File : BG025621.D
Acq On : 24 Jan 2017 23:47
Operator : UM/SJ
Sample : I1316-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

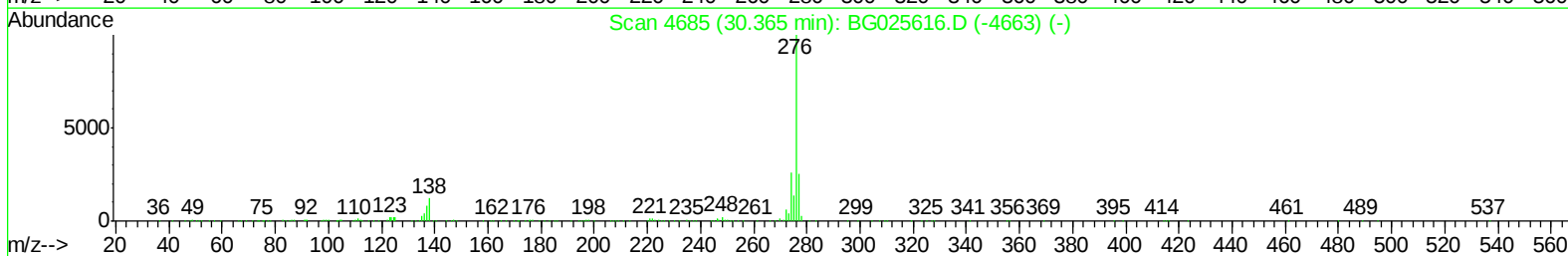
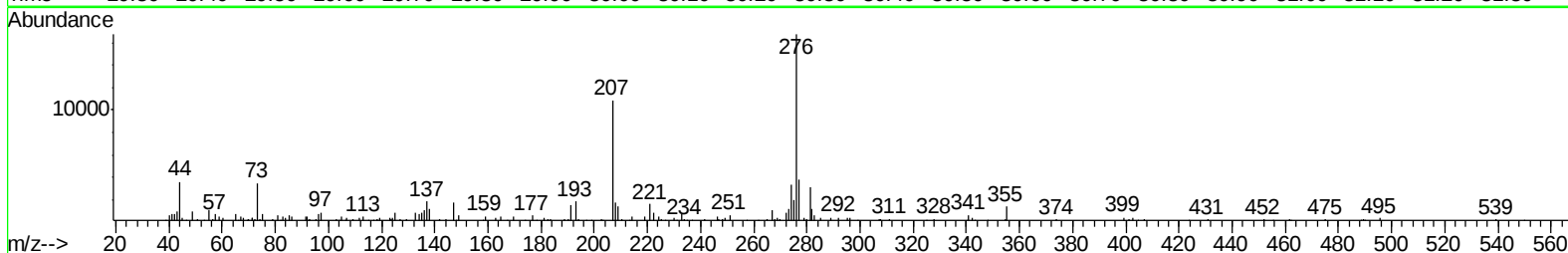
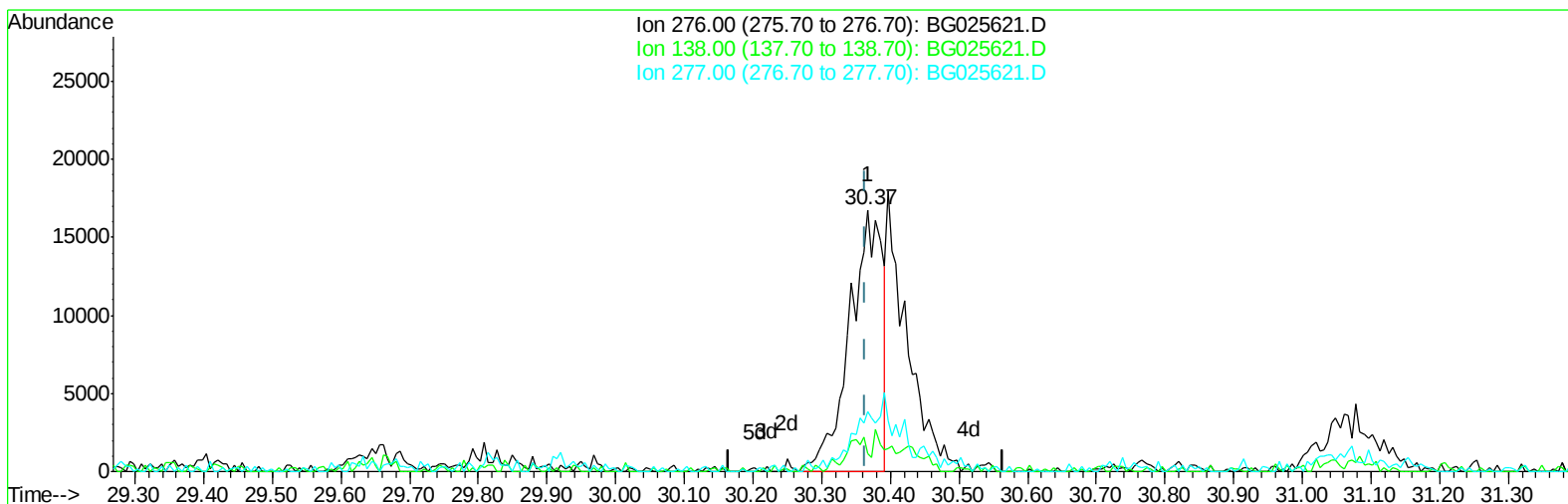
Instrument :
BNA_G
ClientSampleId :
BDP21

Manual Integrations
APPROVED

mohammad

1/25/2017 3:47:56 PM

Quant Time: Jan 25 03:03:17 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 25 02:56:13 2017
Response via : Initial Calibration



TIC: BG025621.D

(91) Benzo(g,h,i)perylene

30.367min (+0.002) 1.38ng/ul

response 54649

Ion	Exp%	Act%
276.00	100	100
138.00	10.70	6.93#
277.00	22.00	22.73
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012417\
Data File : BG025621.D
Acq On : 24 Jan 2017 23:47
Operator : UM/SJ
Sample : I1316-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

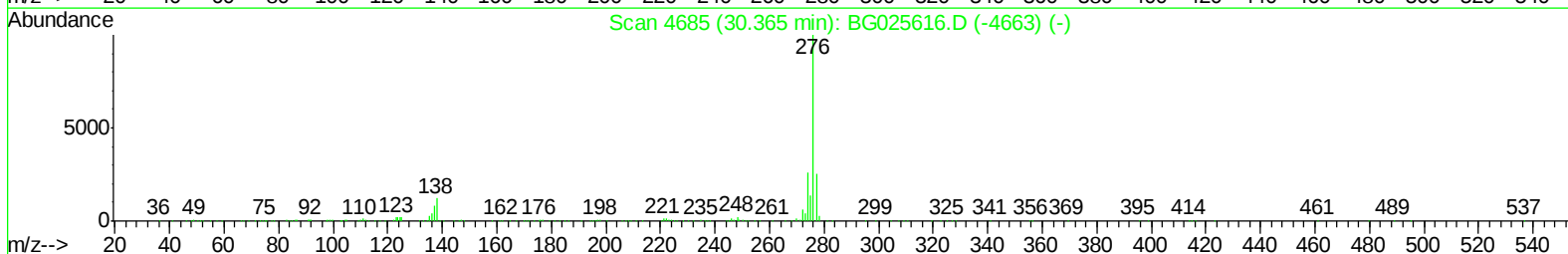
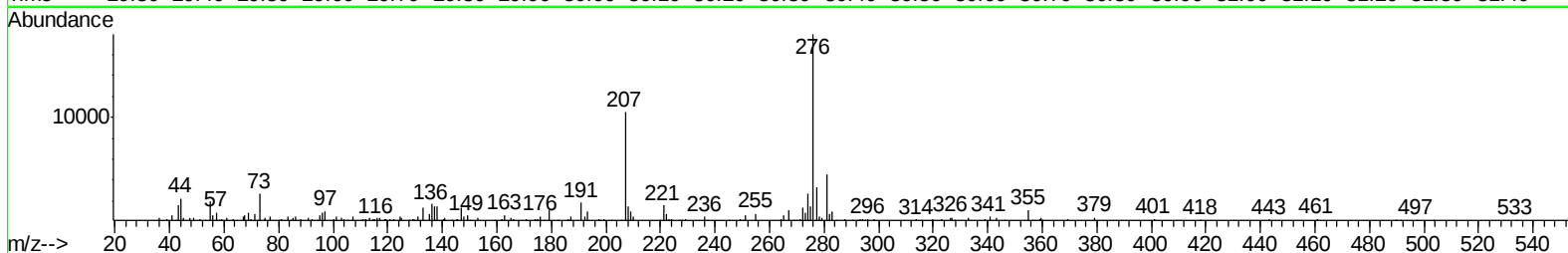
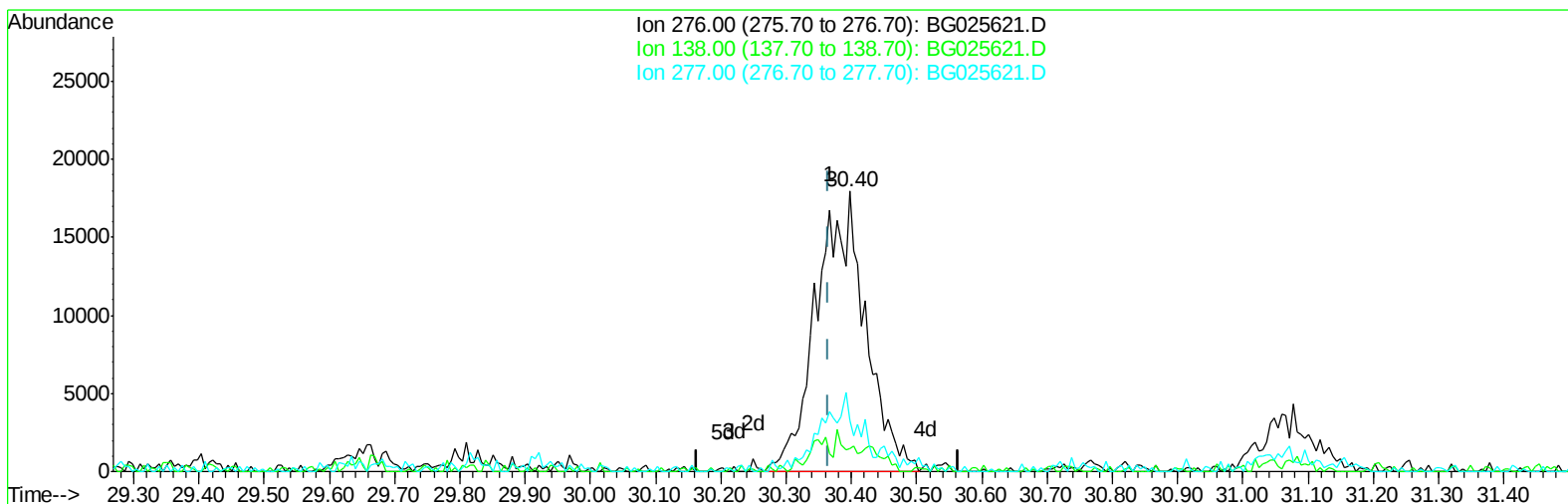
Instrument :
BNA_G
ClientSampleId :
BDP21

Manual Integrations
APPROVED

mohammad

1/25/2017 3:47:56 PM

Quant Time: Jan 25 03:03:17 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 25 02:56:13 2017
Response via : Initial Calibration



TIC: BG025621.D

(91) Benzo(g,h,i)perylene

30.397min (+0.032) 2.31ng/ul m

response 91839

Ion	Exp%	Act%
276.00	100	100
138.00	10.70	8.31#
277.00	22.00	18.32
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012417\
 Data File : BG025621.D
 Acq On : 24 Jan 2017 23:47
 Operator : UM/SJ
 Sample : I1316-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDP21

Manual Integrations
 APPROVED

mohammad

1/25/2017 3:47:56 PM

Quant Time: Jan 25 03:06:02 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 25 02:56:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	64841m	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	314529	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	278541	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	625863m	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	756006	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	779493	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.51	96	5826	4.50	ng/uL	0.00
5) Phenol-d5	7.34	99	139267	25.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	101722	28.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	106121m	27.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.90	113	100612	21.30	ng/ul	0.00
19) Nitrobenzene-d5	9.36	128	61316	27.50	ng/ul	0.00
22) 2-Nitrophenol-d4	10.09	143	74540	28.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.64	165	118272	22.54	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	143193	24.41	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	541089	27.51	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	604759	28.46	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	62111m	23.04	ng/ul	0.01
57) Fluorene-d10	15.80	176	493099	26.59	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.94	200	98673	25.56	ng/ul	0.00
70) Anthracene-d10	17.65	188	772847	29.00	ng/ul	0.00
76) Pyrene-d10	19.93	212	932680	29.65	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	951046	29.03	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.36	94	20832m	3.57	ng/ul	
44) Dimethylphthalate	14.25	163	134773	6.97	ng/ul	96
69) Phenanthrene	17.60	178	106332	3.50	ng/ul	95
74) Fluoranthene	19.60	202	324115	9.03	ng/ul	99
77) Pyrene	19.96	202	278807	7.50	ng/ul	97
80) Benzo(a)anthracene	21.82	228	187386	4.69	ng/ul	96
82) Chrysene	21.89	228	159775	4.25	ng/ul	97
85) Benzo(b)fluoranthene	24.16	252	205721	5.10	ng/ul#	98
86) Benzo(k)fluoranthene	24.21	252	61839	1.63	ng/ul#	91
88) Benzo(a)pyrene	25.07	252	143915	3.77	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	29.16	276	100004m	2.07	ng/ul	
91) Benzo(g,h,i)perylene	30.40	276	91839m	2.31	ng/ul	

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

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Manual Integrations
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