

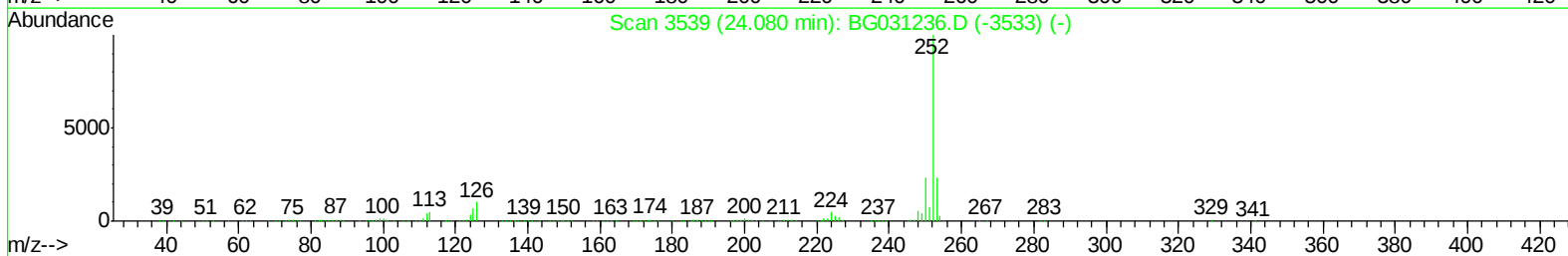
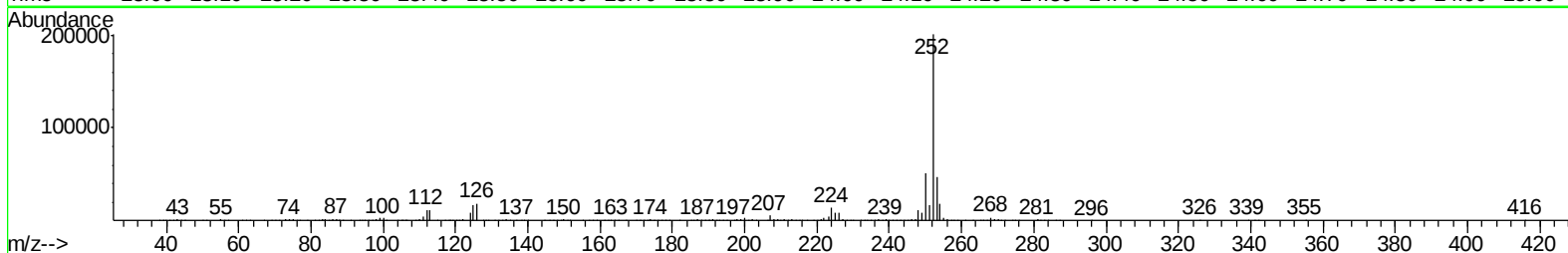
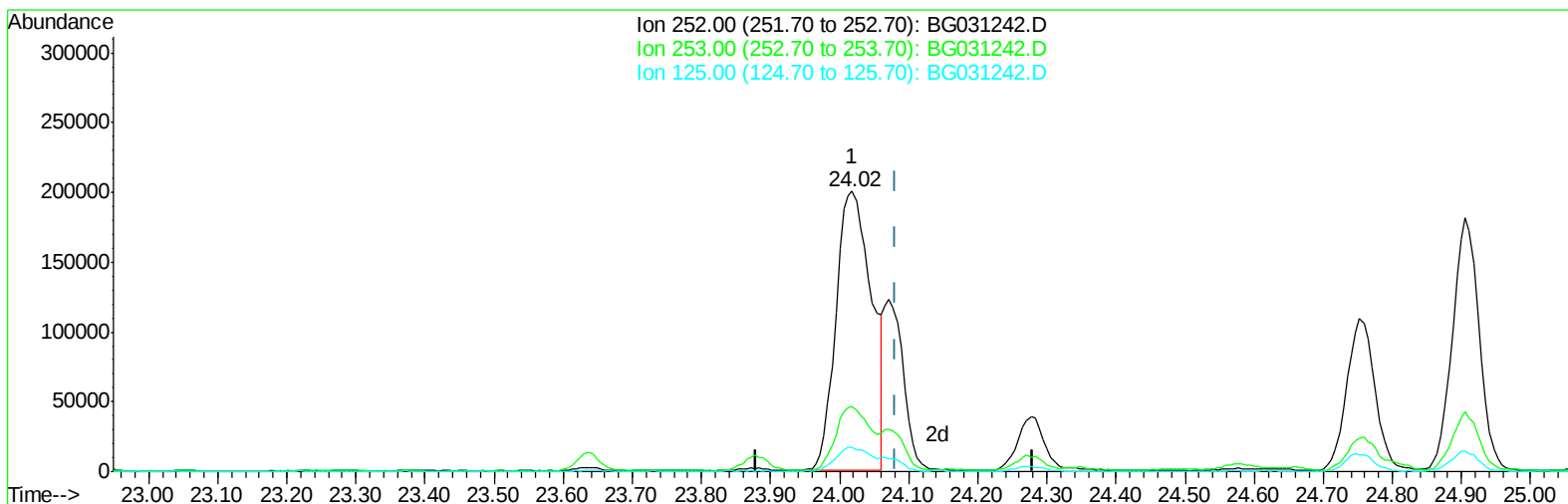
Data Path : Z:\HPCHEM1\BNA G\DATA\BG112717\
Data File : BG031242.D
Acq On : 27 Nov 2017 23:22
Operator : SJ/JU
Sample : I6506-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0G94

Manual Integrations
APPROVED

Sohil
11/28/2017 3:08:31 PM

Quant Time: Nov 28 07:25:13 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG111617-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 28 07:19:57 2017
Response via : Initial Calibration



TIC: BG031242.D

(25) Benzo(k)fluoranthene

24.018min (-0.062) 23.18ng/ul

response 717075

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	23.25
125.00	11.00	8.49#
0.00	0.00	0.00

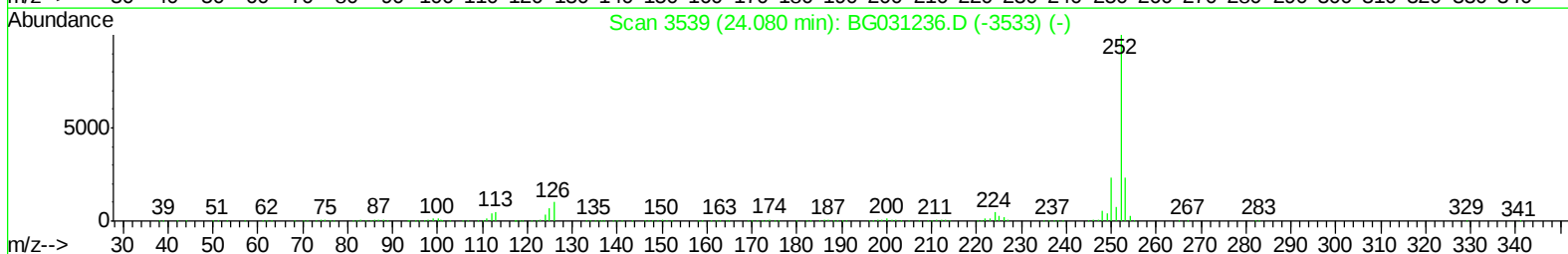
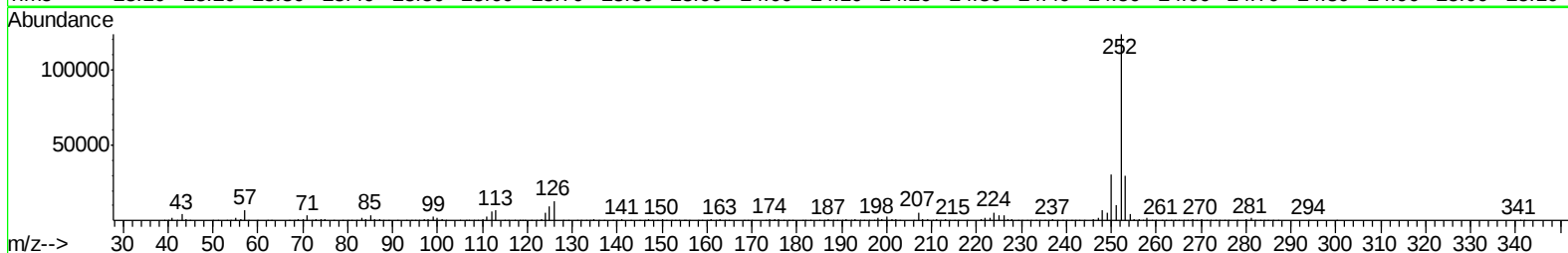
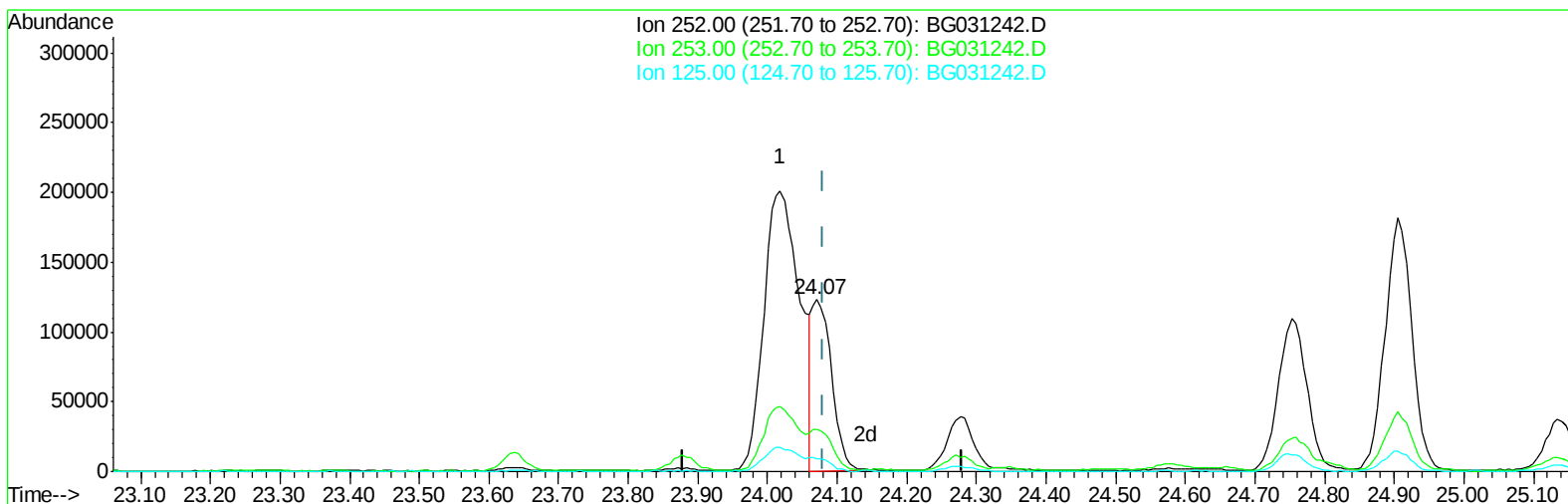
Data Path : Z:\HPCHEM1\BNA G\DATA\BG112717\
Data File : BG031242.D
Acq On : 27 Nov 2017 23:22
Operator : SJ/JU
Sample : I6506-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
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Sohil
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QLast Update : Tue Nov 28 07:19:57 2017
Response via : Initial Calibration



TIC: BG031242.D

(25) Benzo(k)fluoranthene

24.071min (-0.009) 7.79ng/ul m

response 240875

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	24.21
125.00	11.00	7.74#
0.00	0.00	0.00

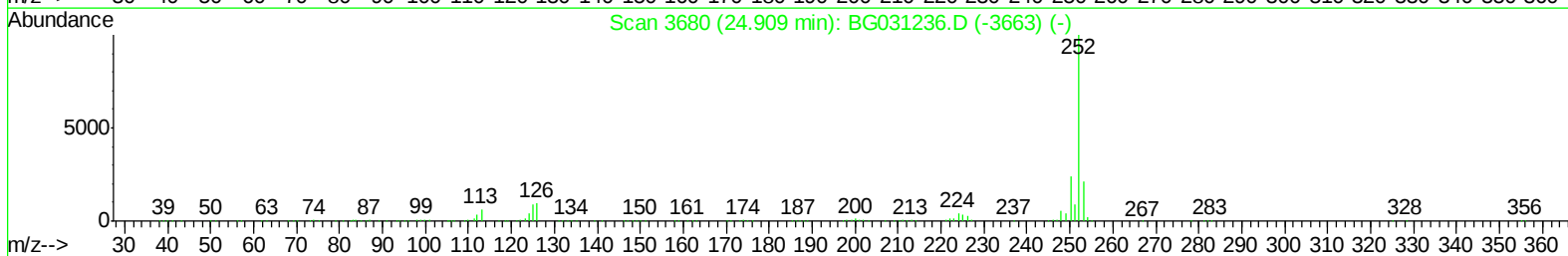
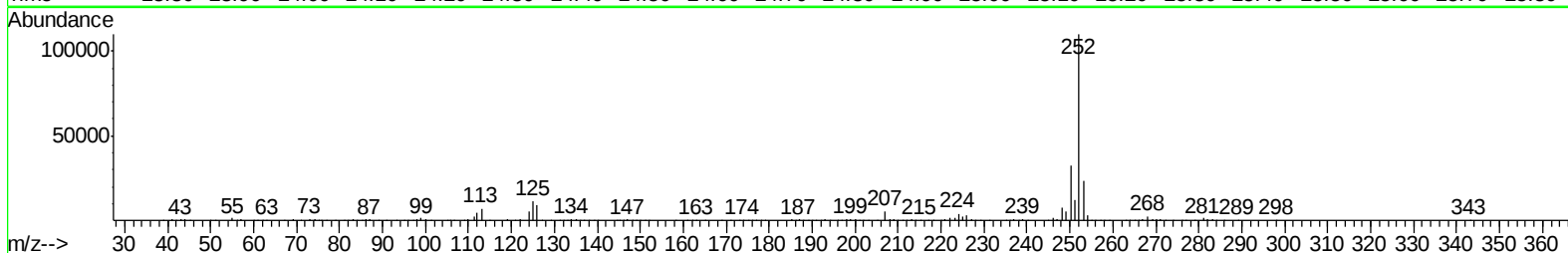
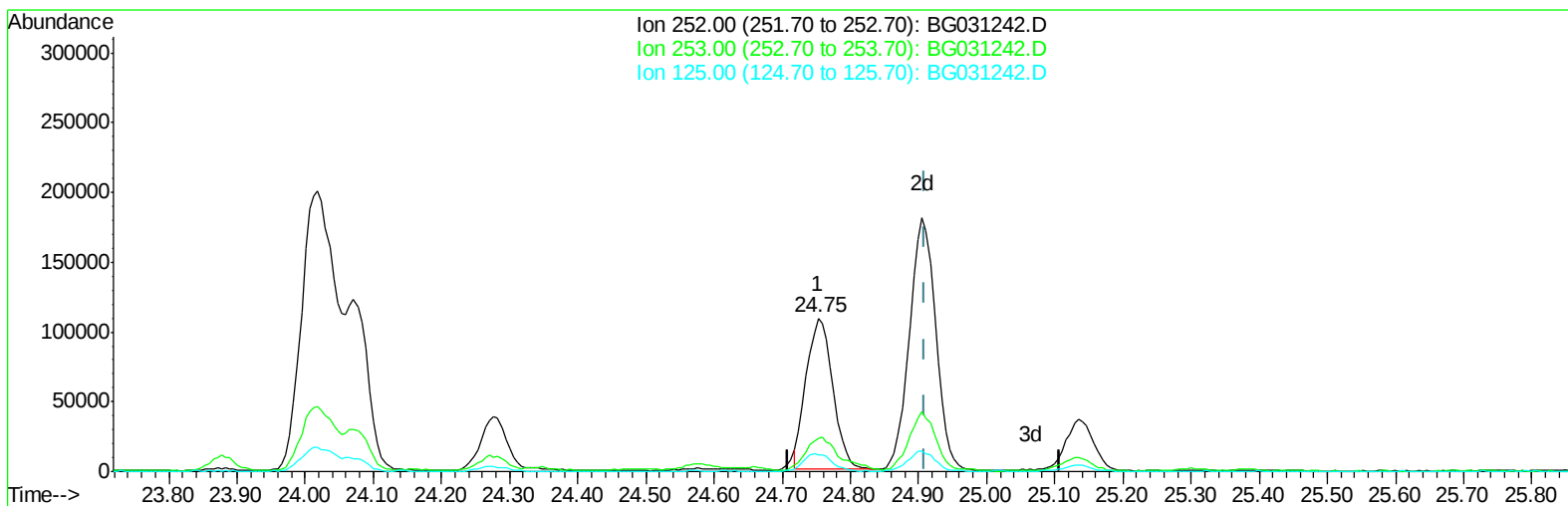
Data Path : Z:\HPCHEM1\BNA G\DATA\BG112717\
Data File : BG031242.D
Acq On : 27 Nov 2017 23:22
Operator : SJ/JU
Sample : I6506-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0G94

Manual Integrations
APPROVED

Sohil
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Quant Time: Nov 28 07:25:13 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG111617-PAH.M
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TIC: BG031242.D

(27) Benzo(a)pyrene (C)

24.753min (-0.156) 9.68ng/ul

response 291462

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	21.65
125.00	11.80	10.71
0.00	0.00	0.00

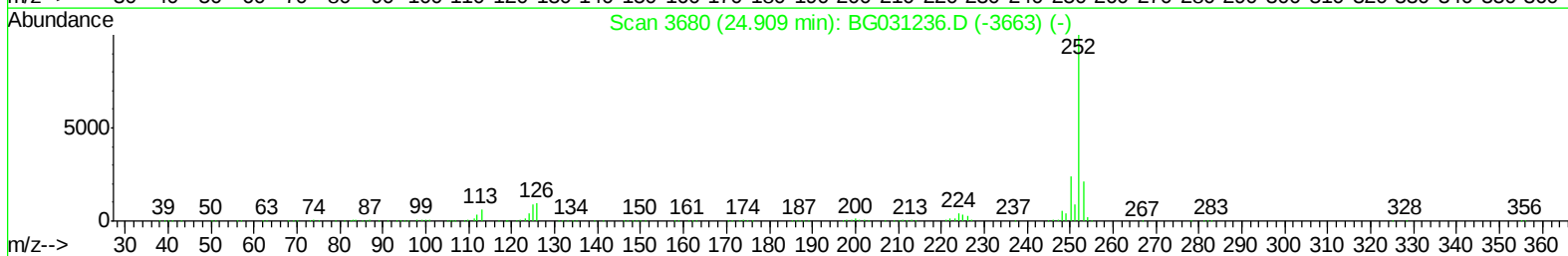
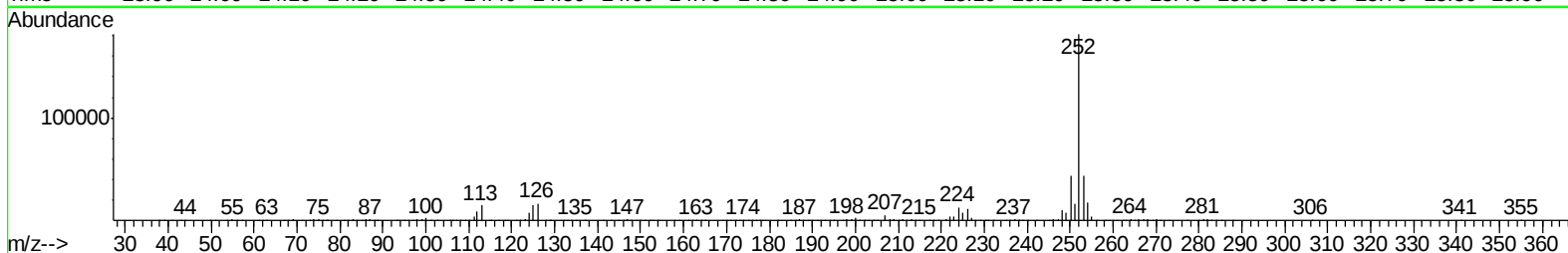
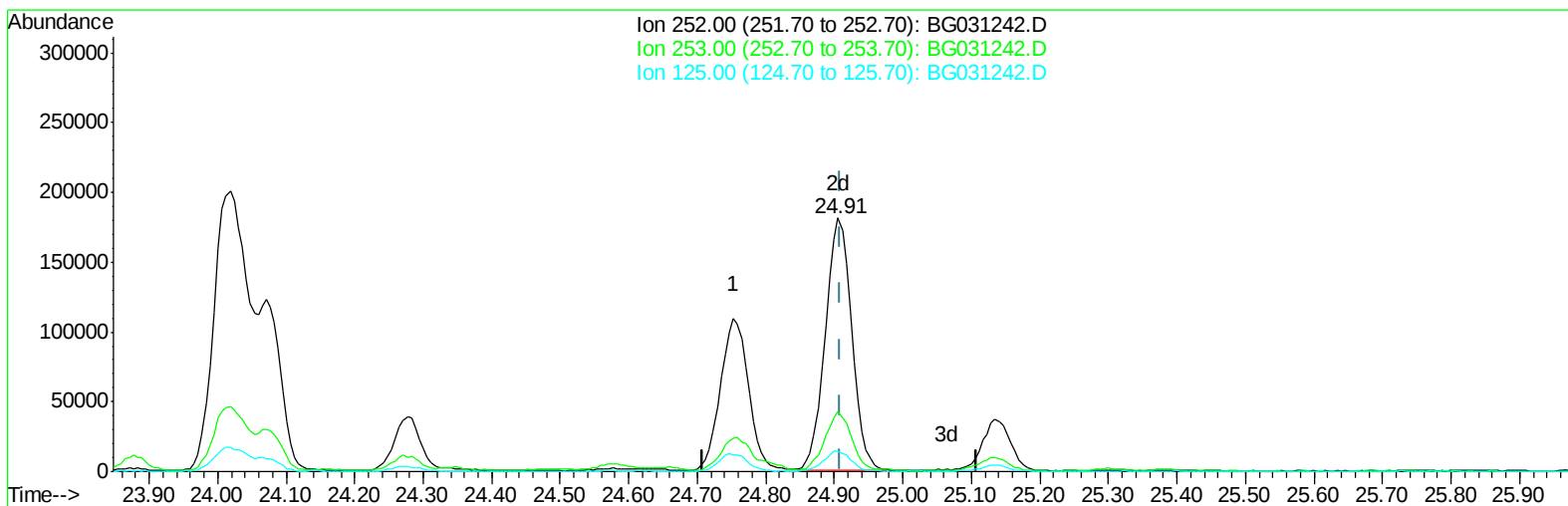
Data Path : Z:\HPCHEM1\BNA G\DATA\BG112717\
Data File : BG031242.D
Acq On : 27 Nov 2017 23:22
Operator : SJ/JU
Sample : I6506-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0G94

Manual Integrations
APPROVED

Sohil
11/28/2017 3:08:31 PM

Quant Time: Nov 28 07:25:13 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG111617-PAH.M
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QLast Update : Tue Nov 28 07:19:57 2017
Response via : Initial Calibration



TIC: BG031242.D

(27) Benzo(a)pyrene (C)

24.905min (-0.003) 16.05ng/ul m

response 482950

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.72
125.00	11.80	8.15#
0.00	0.00	0.00

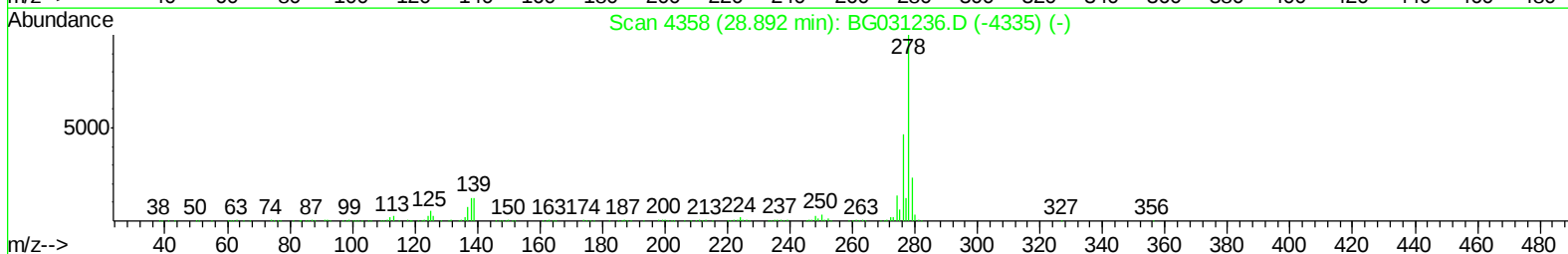
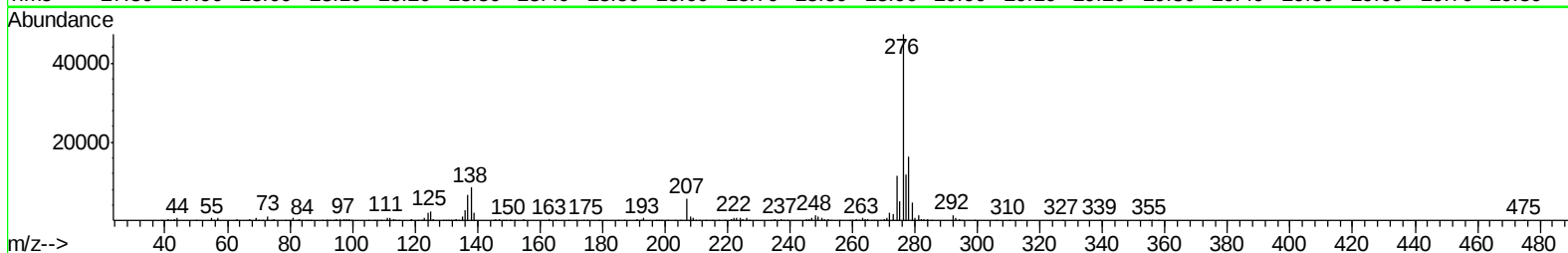
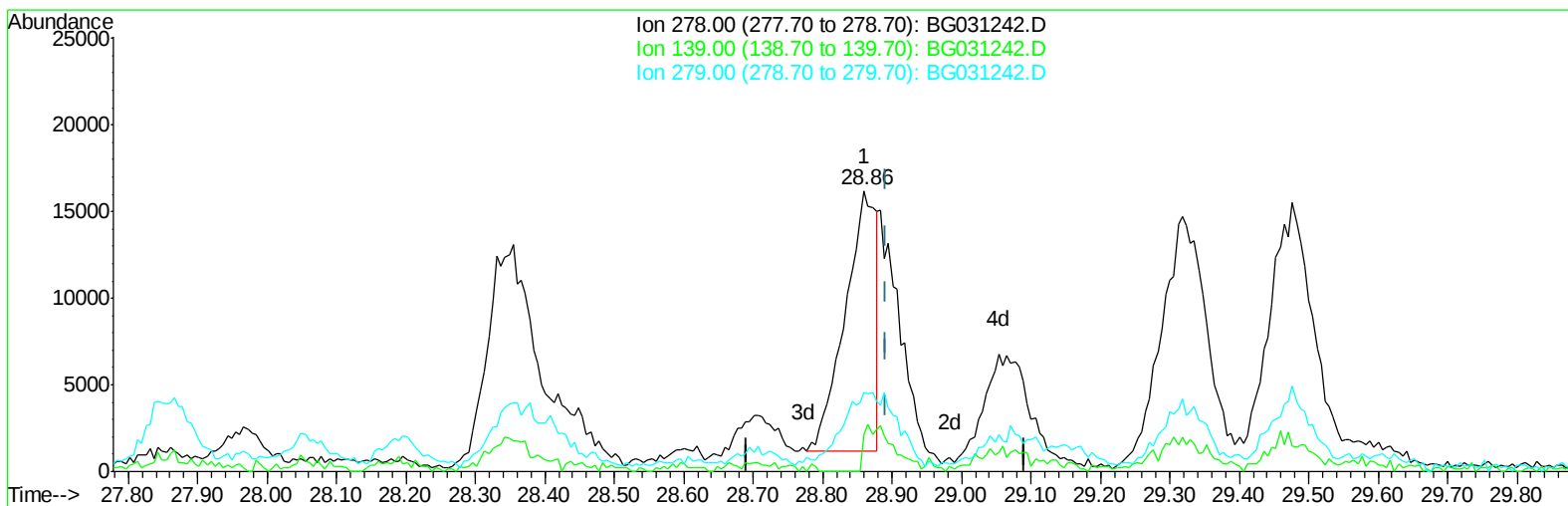
Data Path : Z:\HPCHEM1\BNA G\DATA\BG112717\
Data File : BG031242.D
Acq On : 27 Nov 2017 23:22
Operator : SJ/JU
Sample : I6506-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
B0G94

Manual Integrations
APPROVED

Sohil
11/28/2017 3:08:31 PM

Quant Time: Nov 28 07:25:13 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG111617-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 28 07:19:57 2017
Response via : Initial Calibration



TIC: BG031242.D

(29) Dibenzo(a,h)anthracene

28.860min (-0.033) 1.63ng/ul

response 46275

Ion	Exp%	Act%
278.00	100	100
139.00	17.50	13.33#
279.00	25.80	28.40
0.00	0.00	0.00

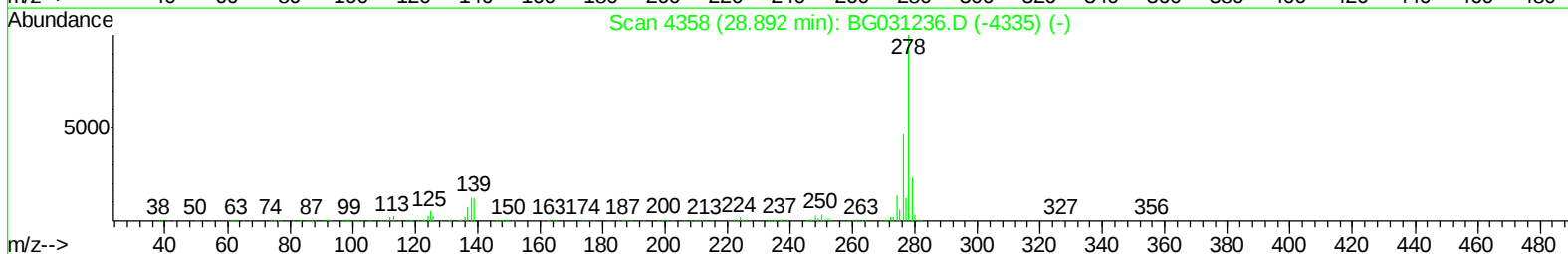
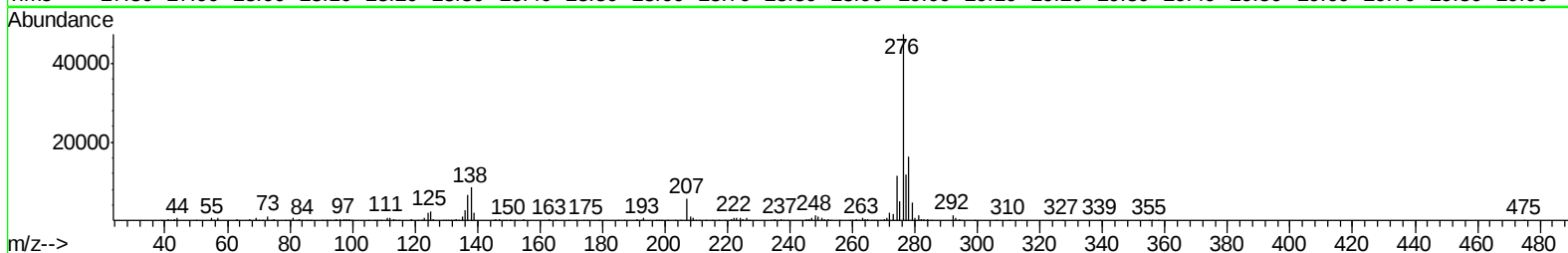
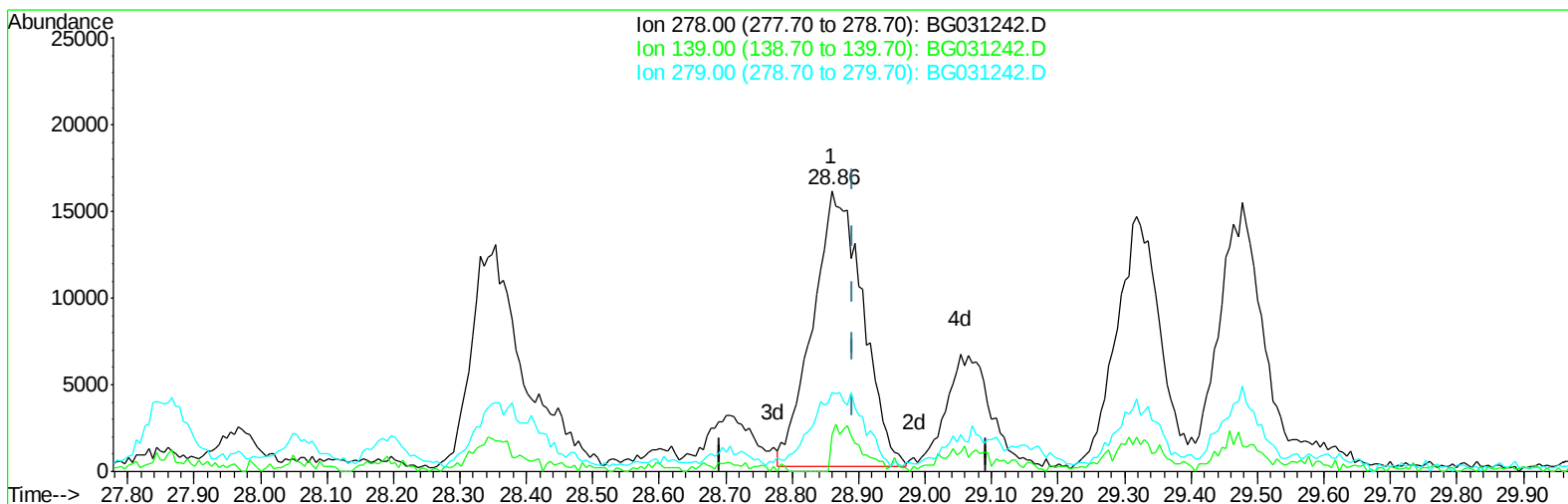
Data Path : Z:\HPCHEM1\BNA G\DATA\BG112717\
Data File : BG031242.D
Acq On : 27 Nov 2017 23:22
Operator : SJ/JU
Sample : I6506-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0G94

Manual Integrations
APPROVED

Sohil
11/28/2017 3:08:31 PM

Quant Time: Nov 28 07:25:13 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG111617-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 28 07:19:57 2017
Response via : Initial Calibration



TIC: BG031242.D

(29) Dibenzo(a,h)anthracene

28.860min (-0.033) 2.94ng/ul m

response 83505

Ion	Exp%	Act%
278.00	100	100
139.00	17.50	13.33#
279.00	25.80	28.40
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112717\
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 Operator : SJ/JU
 Sample : I6506-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
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 B0G94

Manual Integrations
 APPROVED

Sohil
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Quant Time: Nov 28 07:36:33 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG111617-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 28 07:19:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	60145	20.00	ng/ul	0.00
2) Naphthalene-d8	10.95	136	263279	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.75	164	174047	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.49	188	436217	20.00	ng/ul	0.00
18) Chrysene-d12	21.76	240	503445	20.00	ng/ul	0.00
23) Perylene-d12	25.06	264	519740	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.58	165	95345	19.19	ng/uL	0.00
7) Acenaphthylene-d8	14.45	160	424251	23.44	ng/ul	0.00
10) Fluorene-d10	15.74	176	322335	22.17	ng/ul	0.00
15) Anthracene-d10	17.59	188	492820	22.57	ng/ul	0.00
19) Pyrene-d10	19.87	212	608489	26.46	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.83	264	589550	22.93	ng/ul	0.00
Target Compounds				Qvalue		
8) Acenaphthylene	14.48	152	61743	3.89	ng/ul	97
11) Fluorene	15.79	166	63698	4.40	ng/ul	94
14) Phenanthrene	17.54	178	962868	41.13	ng/ul	99
16) Anthracene	17.63	178	155016	6.52	ng/ul	98
17) Fluoranthene	19.54	202	1383414	42.46	ng/ul#	92
20) Pyrene	19.90	202	1129892	42.29	ng/ul#	90
21) Benzo(a)anthracene	21.74	228	626242	20.42	ng/ul	99
22) Chrysene	21.81	228	609564	20.89	ng/ul	98
24) Benzo(b)fluoranthene	24.02	252	717075	22.84	ng/ul#	96
25) Benzo(k)fluoranthene	24.07	252	240875m	7.79	ng/ul	
27) Benzo(a)pyrene	24.91	252	482950m	16.05	ng/ul	
28) Indeno(1,2,3-cd)pyrene	28.84	276	292292	8.52	ng/ul#	94
29) Dibenzo(a,h)anthracene	28.86	278	83505m	2.94	ng/ul	
30) Benzo(a,h,i)perylene	30.02	276	211170	7.39	ng/ul#	92

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

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Instrument :
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Manual Integrations
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Quant Time: Nov 28 07:36:33 2017
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