

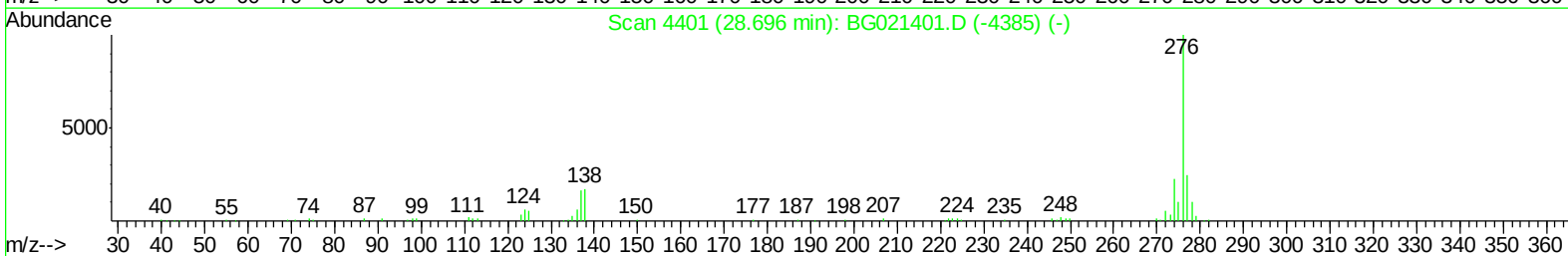
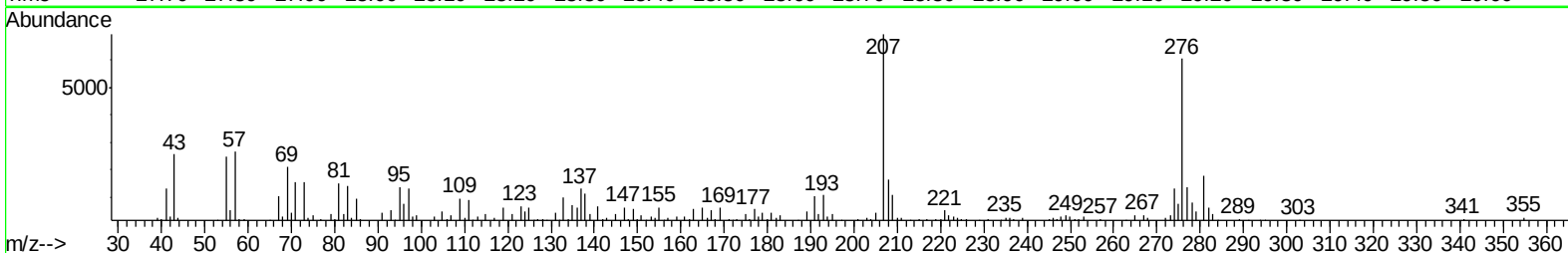
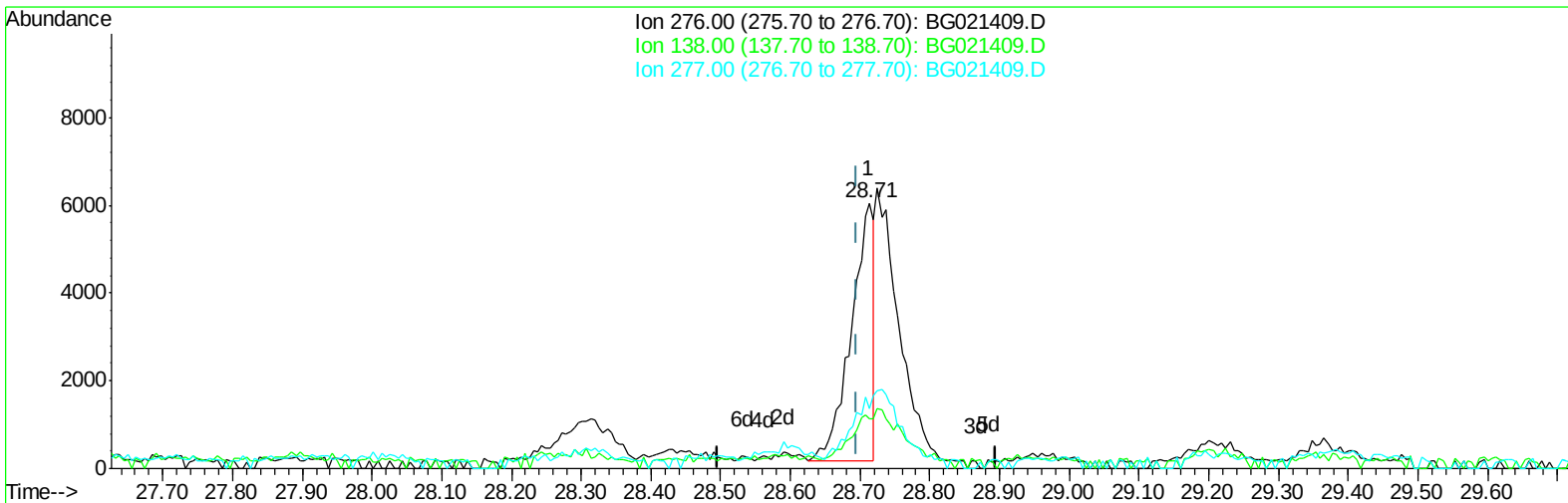
Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021409.D
Acq On : 10 Mar 2016 15:36
Operator : UM/SJ
Sample : H1616-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P009-SS001-01

Manual Integrations
APPROVED

Sohil
3/11/2016 5:27:44 PM

Quant Time: Mar 11 11:27:18 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: BG021409.D

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

28.713min (+0.018) 1.99ng/ul

response 13463

Ion	Exp%	Act%
276.00	100	100
138.00	19.70	18.92
277.00	23.80	22.47
0.00	0.00	0.00

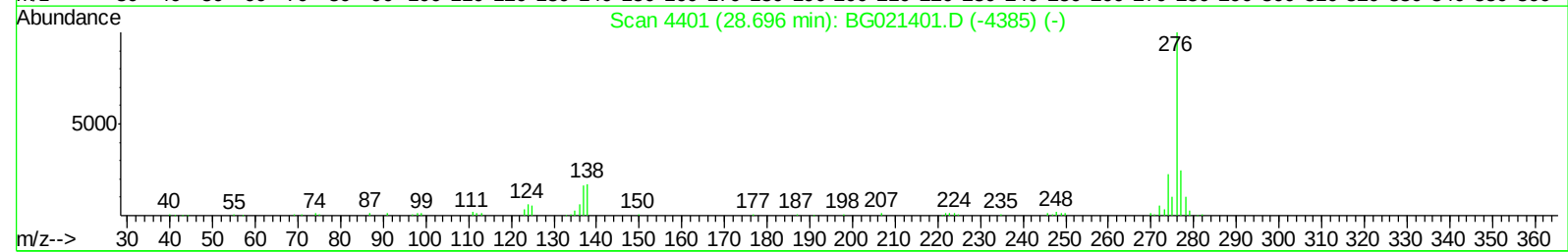
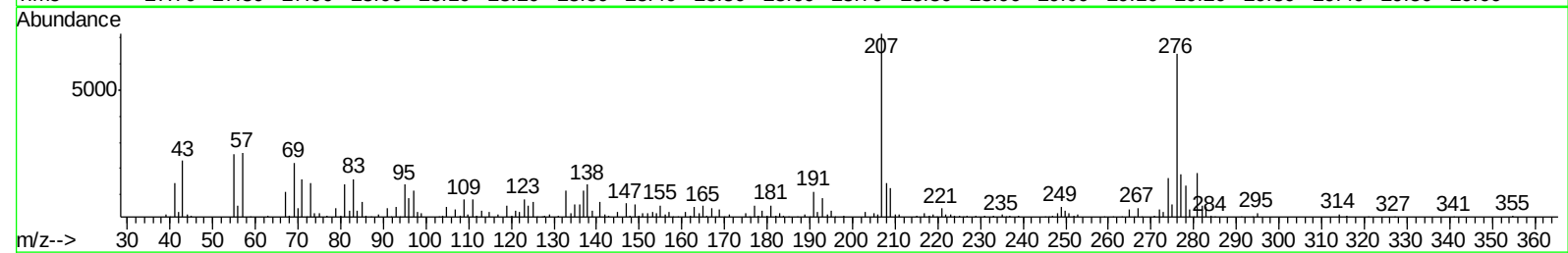
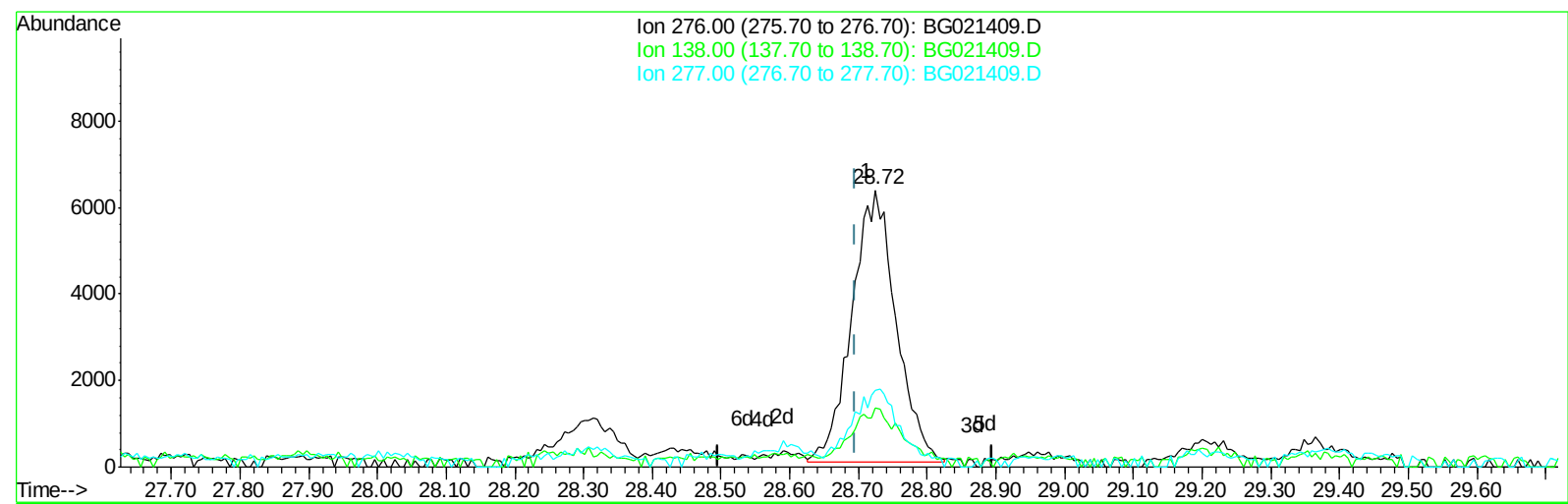
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TIC: BG021409.D

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

28.725min (+0.029) 4.14ng/ul m

response 28040

Ion	Exp%	Act%
276.00	100	100
138.00	19.70	21.56
277.00	23.80	27.90
0.00	0.00	0.00

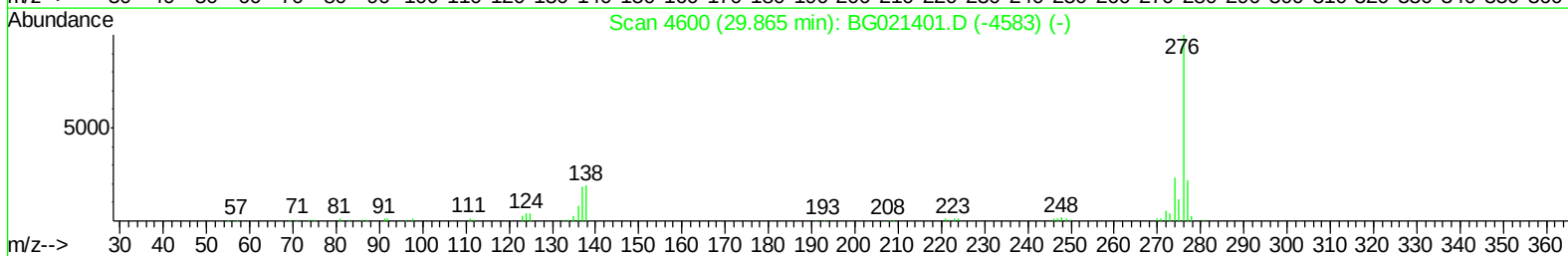
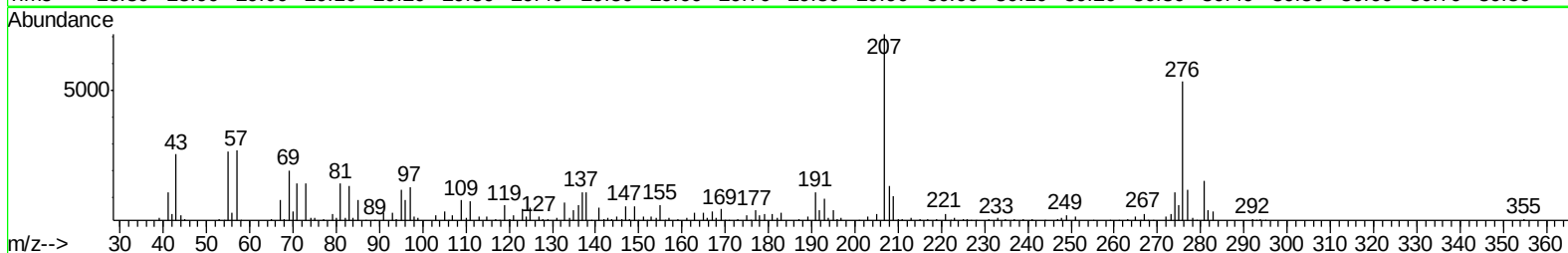
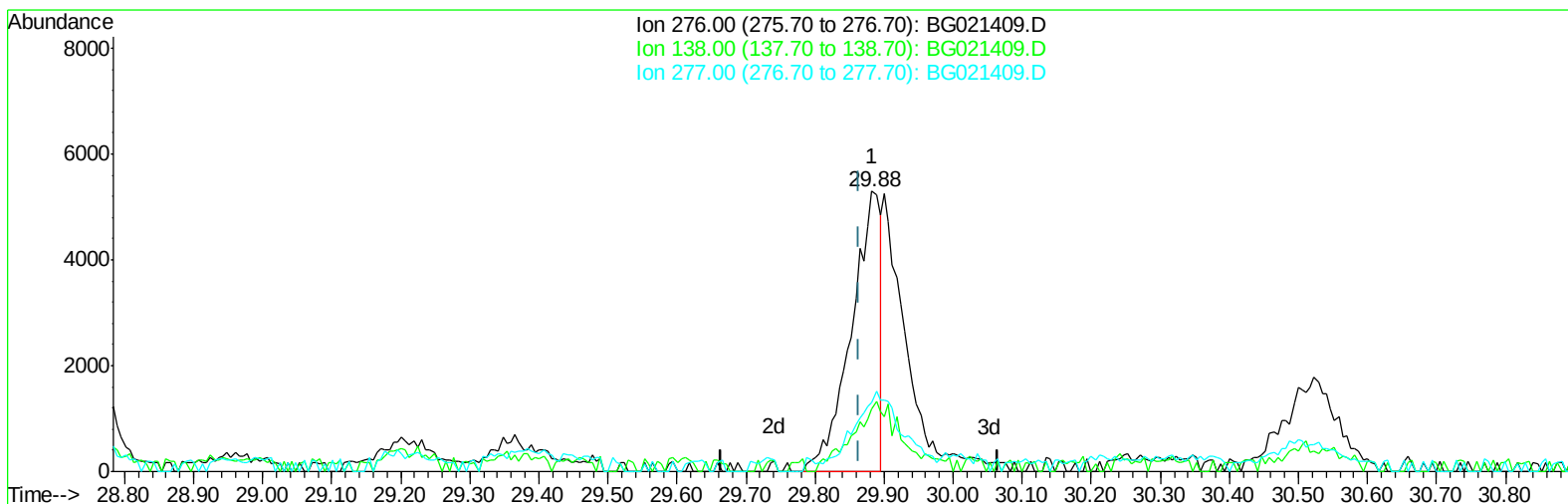
Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021409.D
Acq On : 10 Mar 2016 15:36
Operator : UM/SJ
Sample : H1616-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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Manual Integrations
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TIC: BG021409.D

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

29.882min (+0.018) 2.77ng/ul

response 15471

Ion	Exp%	Act%
276.00	100	100
138.00	17.40	22.28#
277.00	24.70	24.34
0.00	0.00	0.00

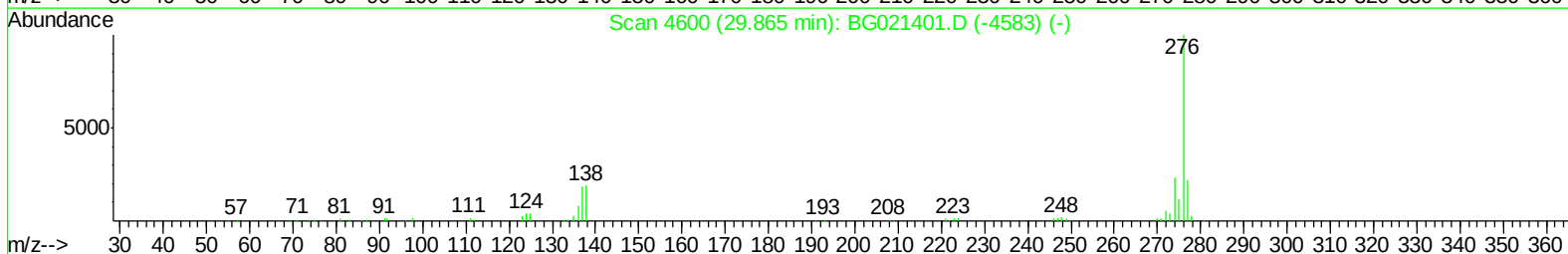
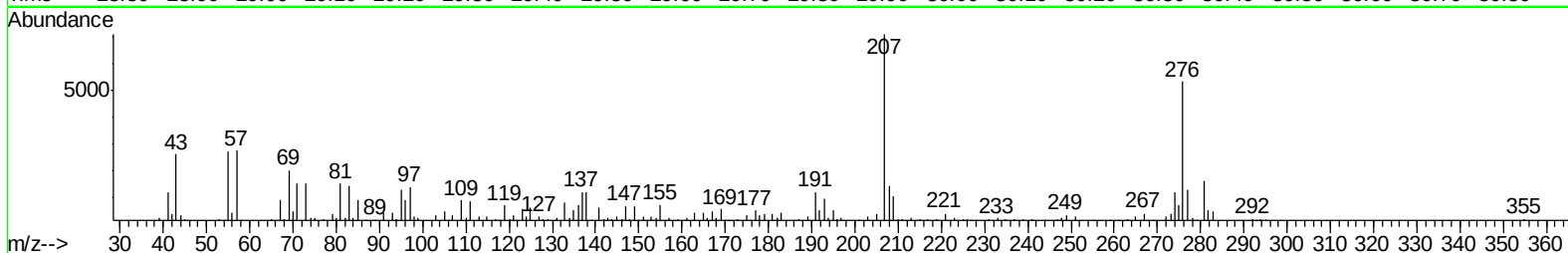
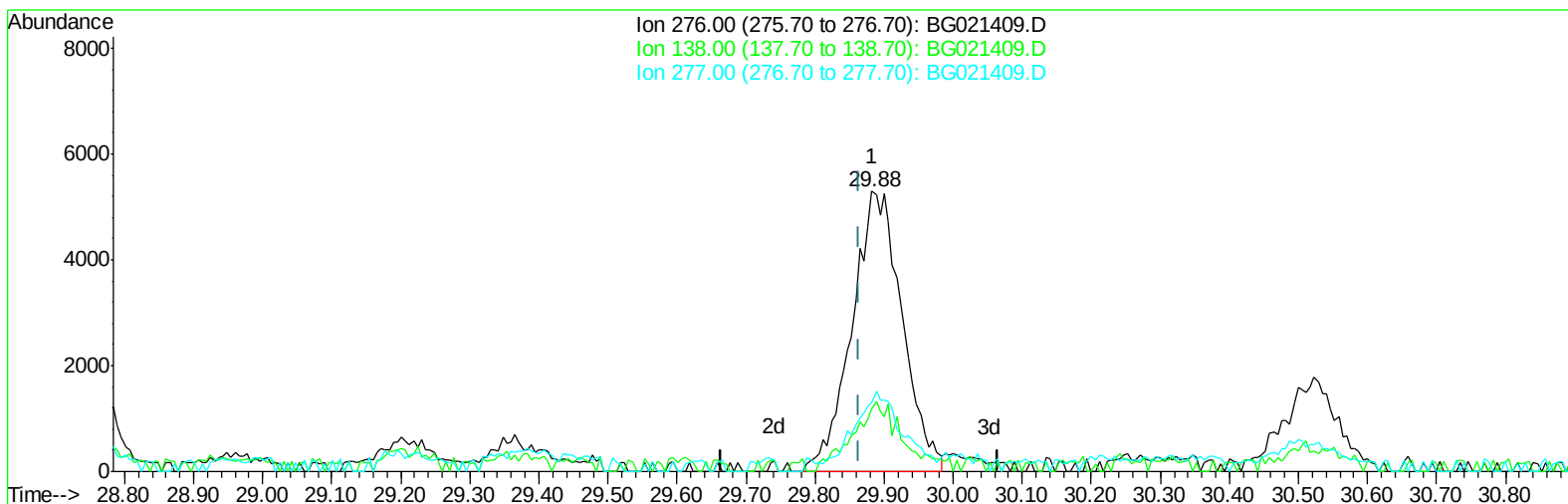
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Data File : BG021409.D
Acq On : 10 Mar 2016 15:36
Operator : UM/SJ
Sample : H1616-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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Manual Integrations
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TIC: BG021409.D

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

29.882min (+0.018) 4.78ng/ul m

response 26697

Ion	Exp%	Act%
276.00	100	100
138.00	17.40	22.28#
277.00	24.70	24.34
0.00	0.00	0.00

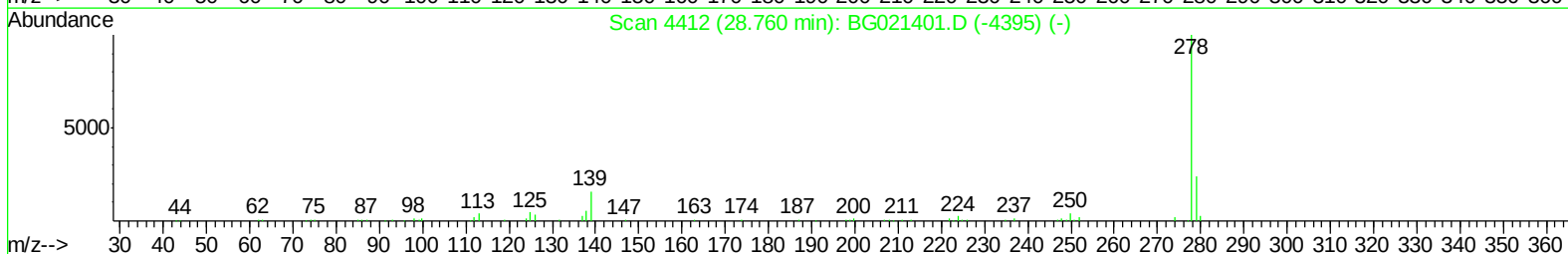
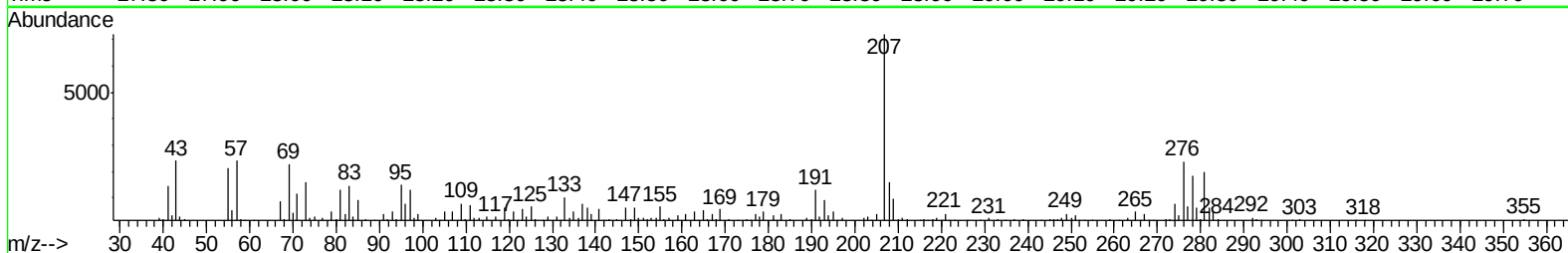
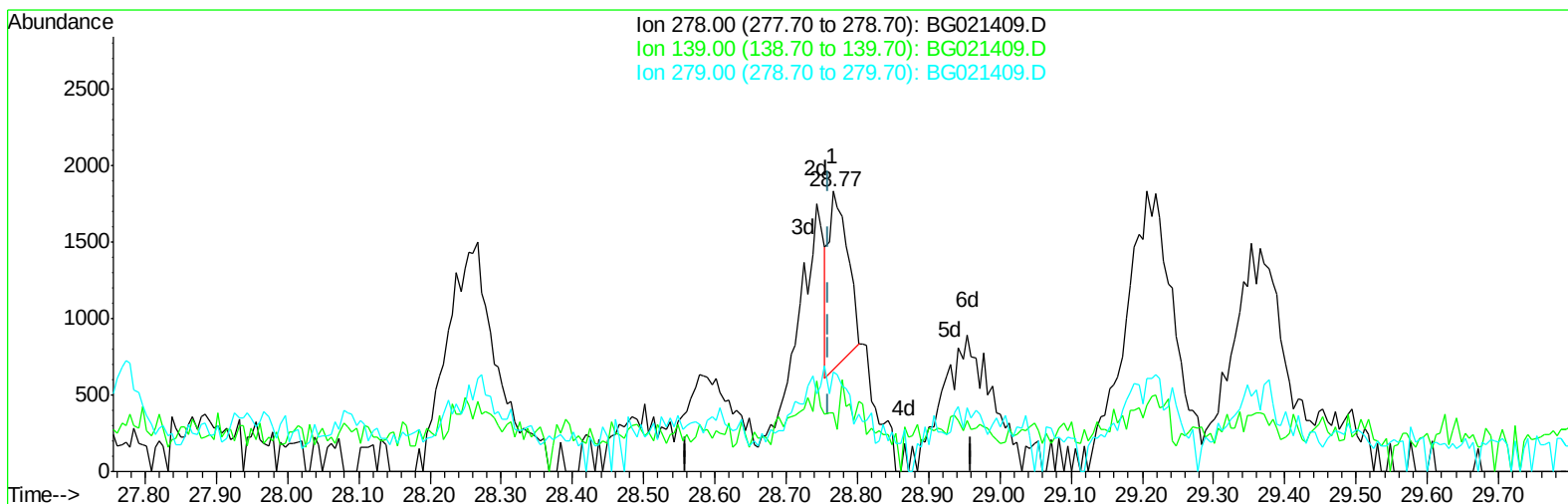
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Instrument :
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Manual Integrations
APPROVED

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TIC: BG021409.D

(93) Dibenzo(a,h)anthracene

28.766min (+0.006) 0.36ng/ul

response 2067

Ion	Exp%	Act%
278.00	100	100
139.00	15.10	20.83#
279.00	24.80	35.39#
0.00	0.00	0.00

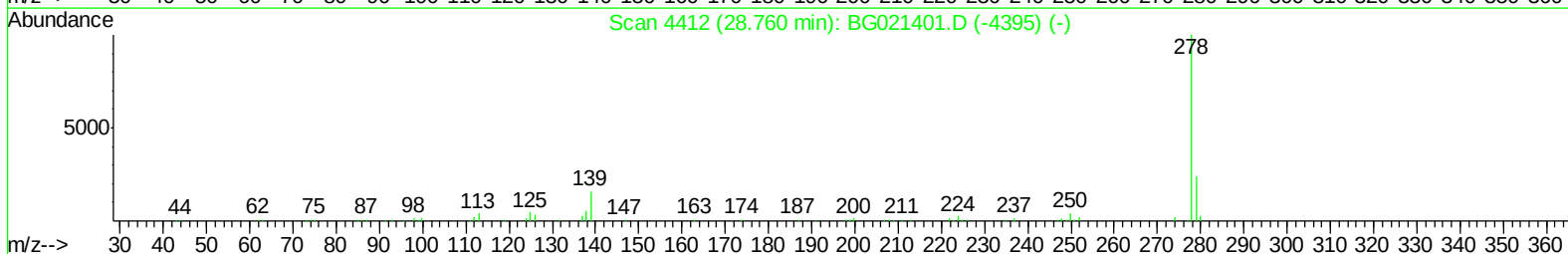
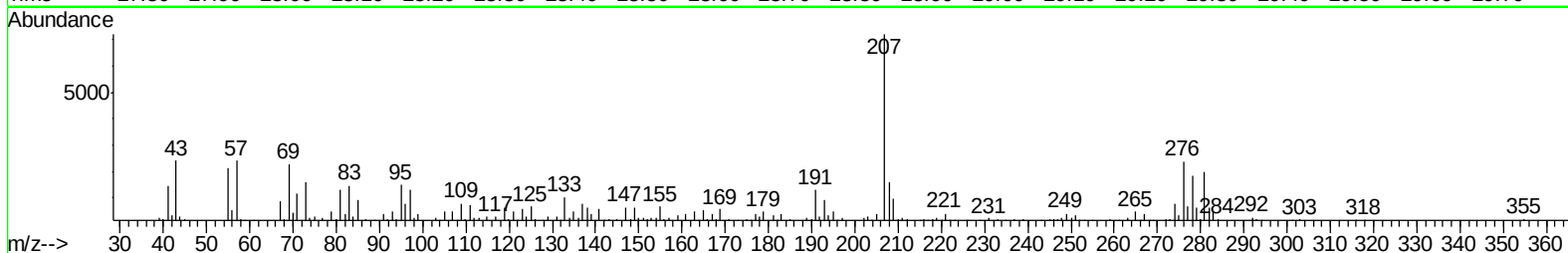
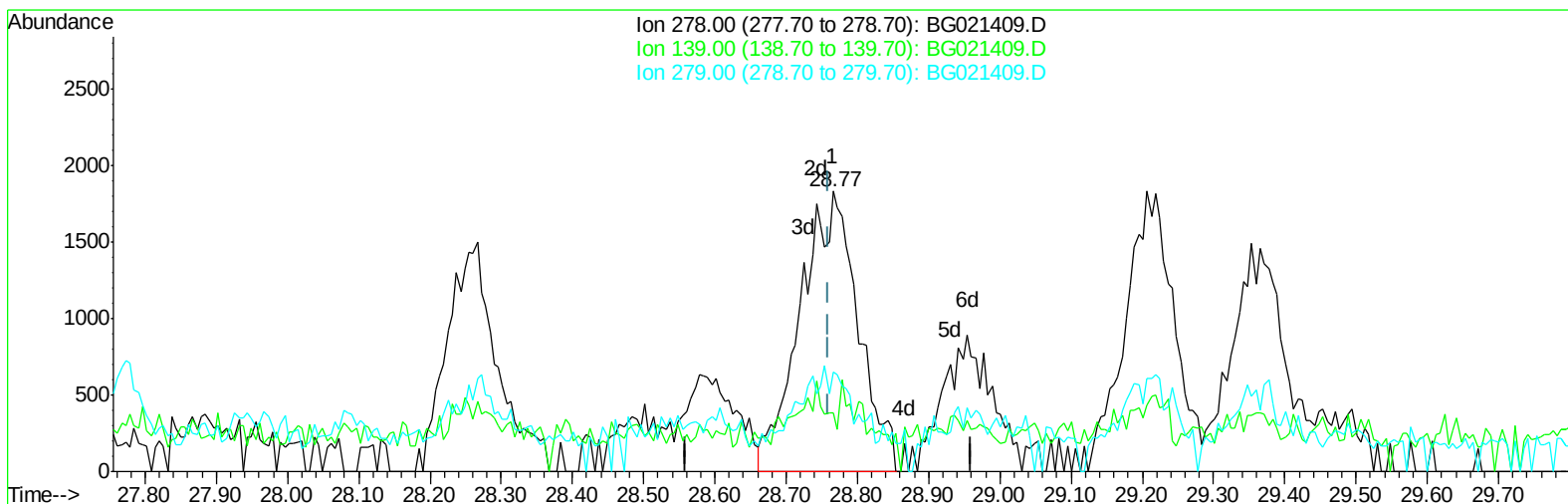
Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021409.D
Acq On : 10 Mar 2016 15:36
Operator : UM/SJ
Sample : H1616-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P009-SS001-01

Manual Integrations
APPROVED

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3/11/2016 5:27:44 PM

Quant Time: Mar 11 11:27:18 2016
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TIC: BG021409.D

(93) Dibenzo(a,h)anthracene

28.766min (+0.006) 1.80ng/ul m

response 10359

Ion	Exp%	Act%
278.00	100	100
139.00	15.10	20.83#
279.00	24.80	35.39#
0.00	0.00	0.00

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Manual Integrations
 APPROVED

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Quant Time: Mar 11 12:06:26 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	8.13	152	12346	20.00	ng/ul	0.01
18) Naphthalene-d8	10.93	136	66380	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	42179	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	88239	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	97463	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	91695	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	822	3.12	ng/uL	0.00
5) Phenol-d5	7.30	99	24850	17.78	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	7.44	67	16512	18.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	17895	18.76	ng/ul	0.01
13) 4-Methylphenol-d8	8.84	113	20428	18.08	ng/ul	0.02
19) Nitrobenzene-d5	9.29	128	10155	18.99	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	11052	18.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	20237	18.96	ng/ul	0.03
29) 4-Chloroaniline-d4	11.07	131	21315	15.23	ng/ul	0.01
44) Dimethylphthalate-d6	14.14	166	69423	19.02	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	88215	19.83	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	8185	11.86	ng/ul	0.07
58) Fluorene-d10	15.72	176	62200	19.39	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.84	200	9567	16.20	ng/ul	0.00
71) Anthracene-d10	17.57	188	88878	20.18	ng/ul	0.00
79) Pyrene-d10	19.85	212	96810	19.47	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	100873	20.57	ng/ul	0.01

Target Compounds

						Qvalue
28) Naphthalene	10.98	128	19409	5.21	ng/ul	99
34) 2-Methylnaphthalene	12.57	142	4650	1.68	ng/ul	86
45) Dimethylphthalate	14.18	163	26963	6.91	ng/ul	99
50) Acenaphthene	14.80	153	12639	3.99	ng/ul	98
54) Dibenzofuran	15.13	168	6525	1.49	ng/ul#	85
59) Fluorene	15.78	166	10140	2.66	ng/ul#	93
70) Phenanthrene	17.51	178	91394	17.41	ng/ul	96
72) Anthracene	17.60	178	28864	5.40	ng/ul	97
75) Carbazole	17.88	167	11861	2.57	ng/ul	98
77) Fluoranthene	19.52	202	107221	17.69	ng/ul	98
80) Pyrene	19.88	202	99128	15.20	ng/ul	98
83) Benzo(a)anthracene	21.72	228	63429	9.97	ng/ul	96
85) Chrysene	21.79	228	56996	9.68	ng/ul	93
88) Benzo(b)fluoranthene	23.97	252	61666	9.83	ng/ul#	93
89) Benzo(k)fluoranthene	24.03	252	19793	3.24	ng/ul#	91
91) Benzo(a)pyrene	24.85	252	53652	8.71	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	28.72	276	28040m	4.14	ng/ul	
93) Dibenzo(a,h)anthracene	28.77	278	10359m	1.80	ng/ul	
94) Benzo(g,h,i)perylene	29.88	276	26697m	4.78	ng/ul	

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

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