

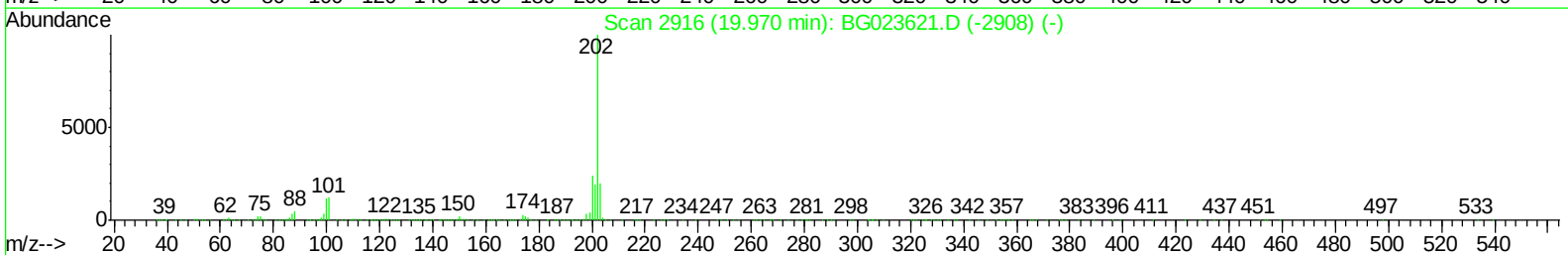
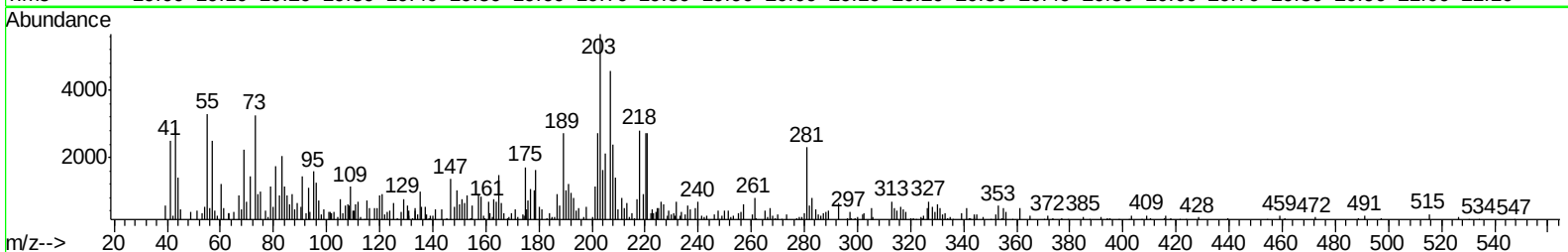
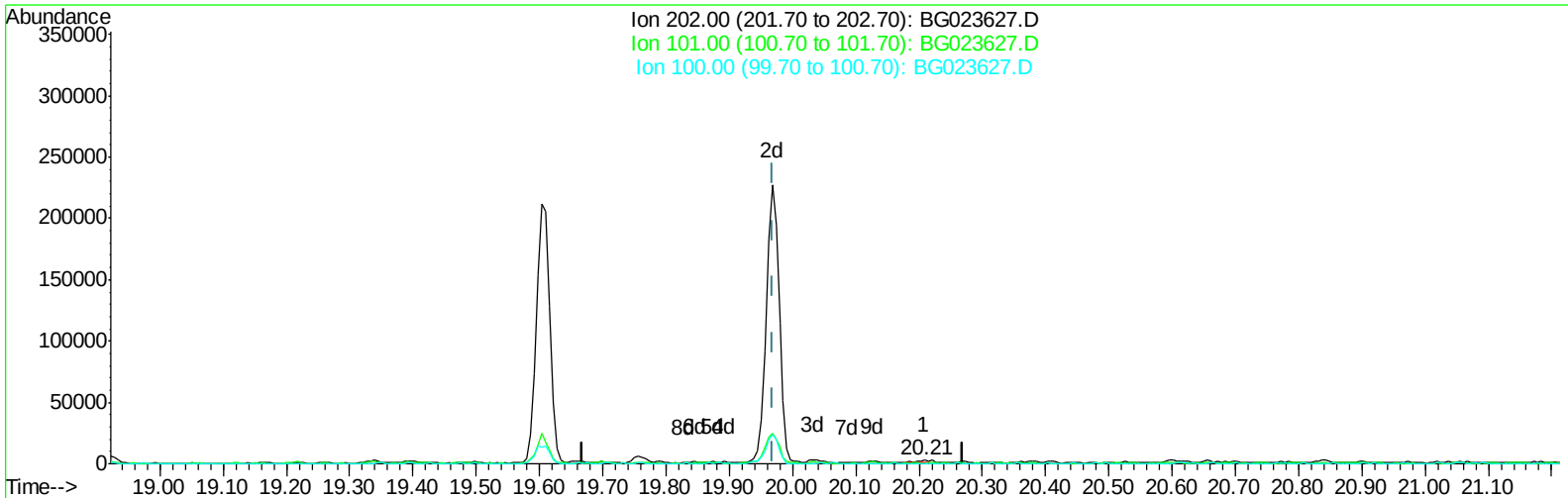
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023627.D
Acq On : 11 Aug 2016 15:16
Operator : UM/SJ
Sample : H4362-02DL 20X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-3642-01DL

Manual Integrations
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8/12/2016 5:55:46 PM

Quant Time: Aug 12 03:46:07 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 12 03:45:04 2016
Response via : Initial Calibration



TIC: BG023627.D

(77) Pyrene

20.209min (+0.239) 0.03ng/ul

response 1984

Ion	Exp%	Act%
202.00	100	100
101.00	15.60	13.60
100.00	12.80	14.18
0.00	0.00	0.00

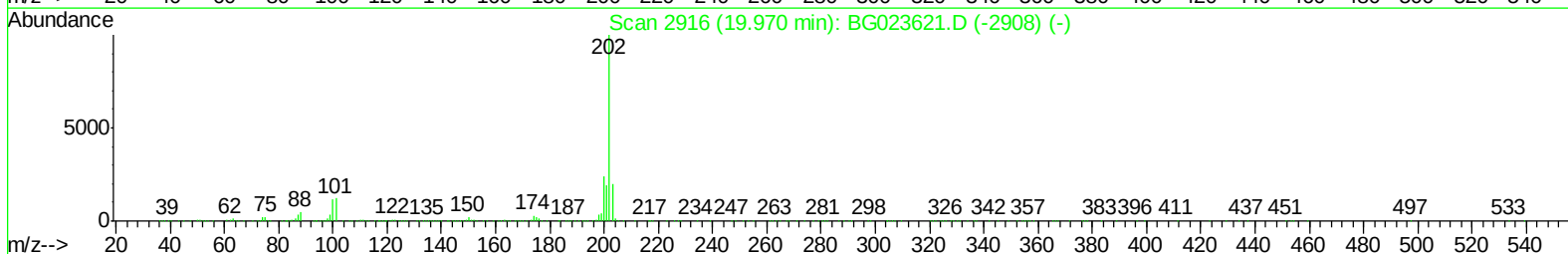
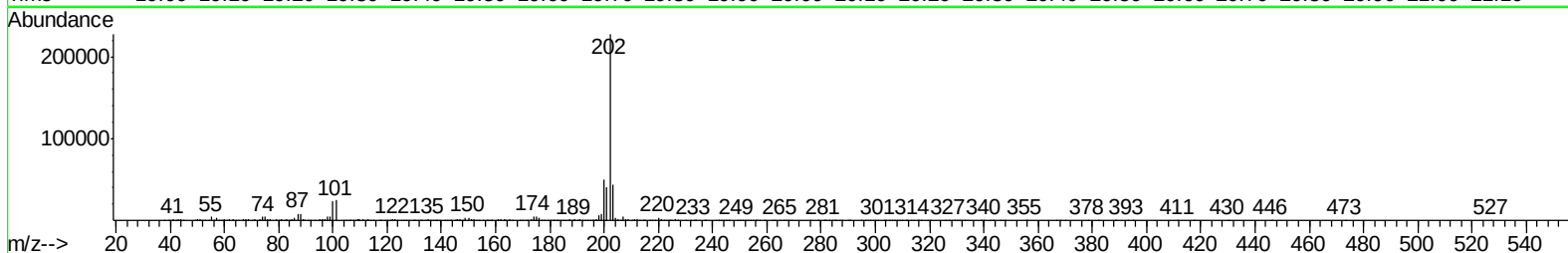
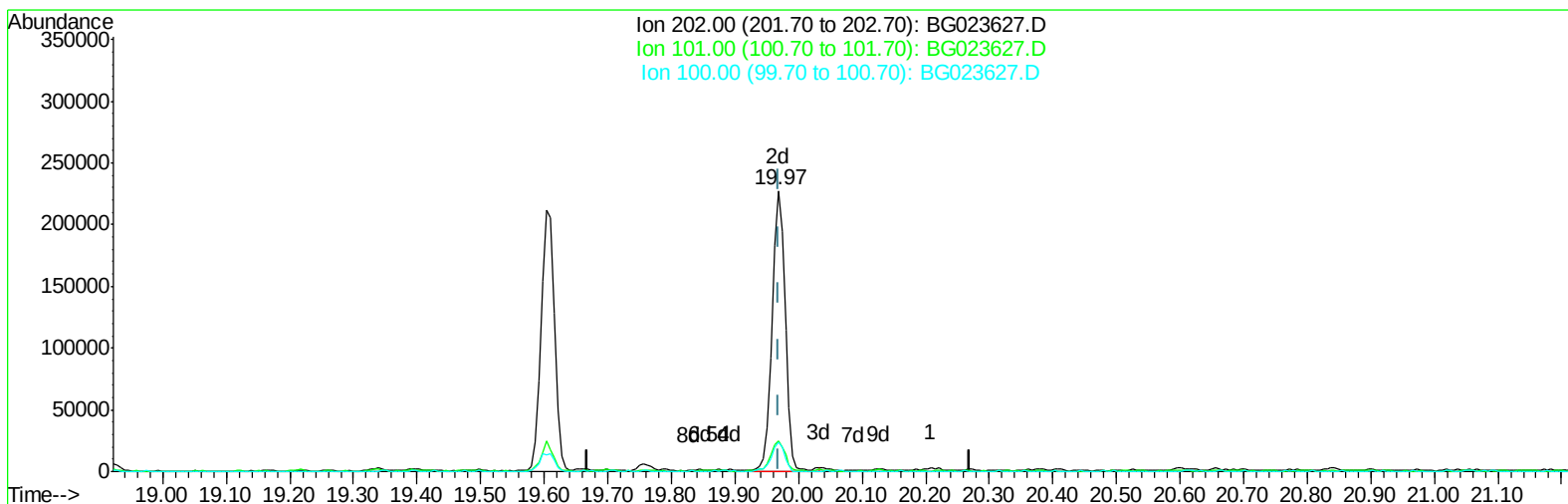
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TIC: BG023627.D

(77) Pyrene

19.968min (-0.002) 4.98ng/ul m

response 332346

Ion	Exp%	Act%
202.00	100	100
101.00	15.60	10.92#
100.00	12.80	10.61
0.00	0.00	0.00

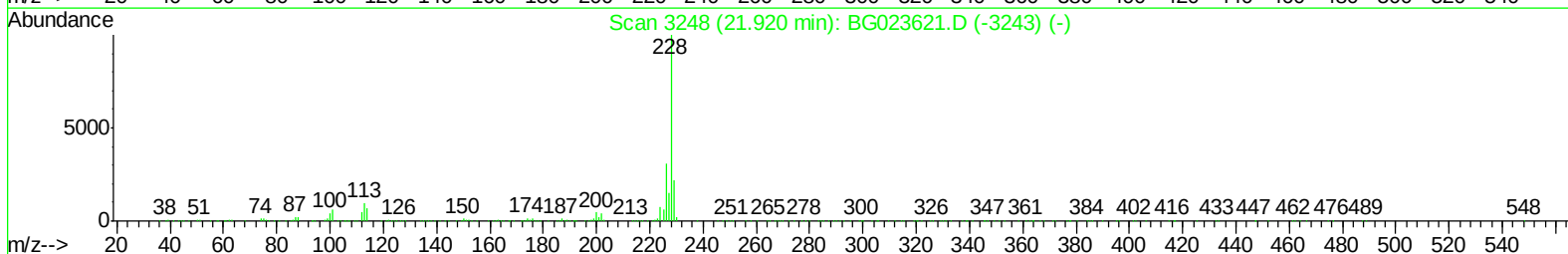
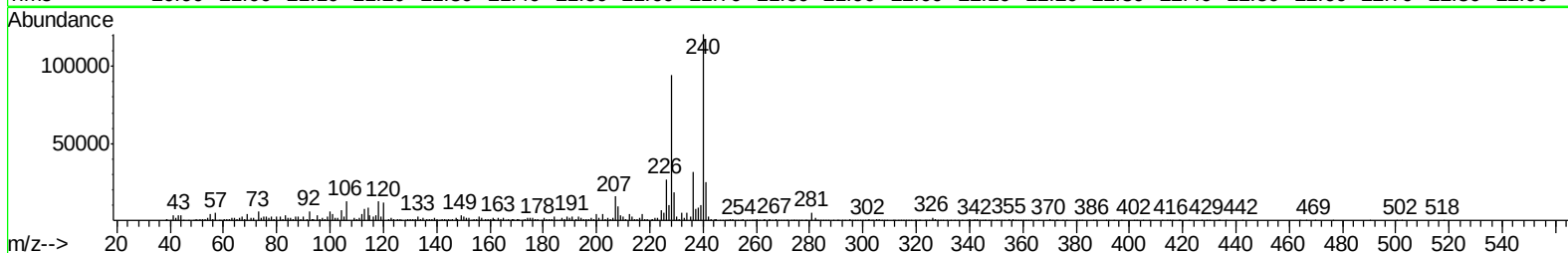
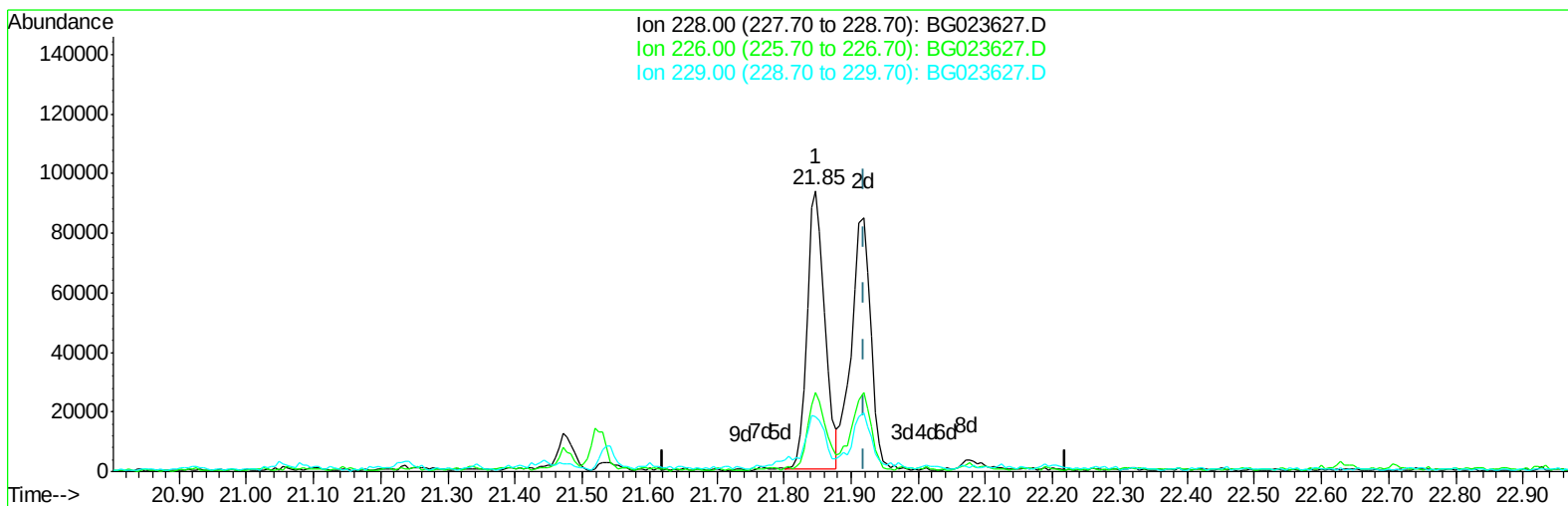
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Manual Integrations
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TIC: BG023627.D

(82) Chrysene

21.848min (-0.072) 3.02ng/ul

response 166820

Ion	Exp%	Act%
228.00	100	100
226.00	30.30	28.36
229.00	18.80	19.74
0.00	0.00	0.00

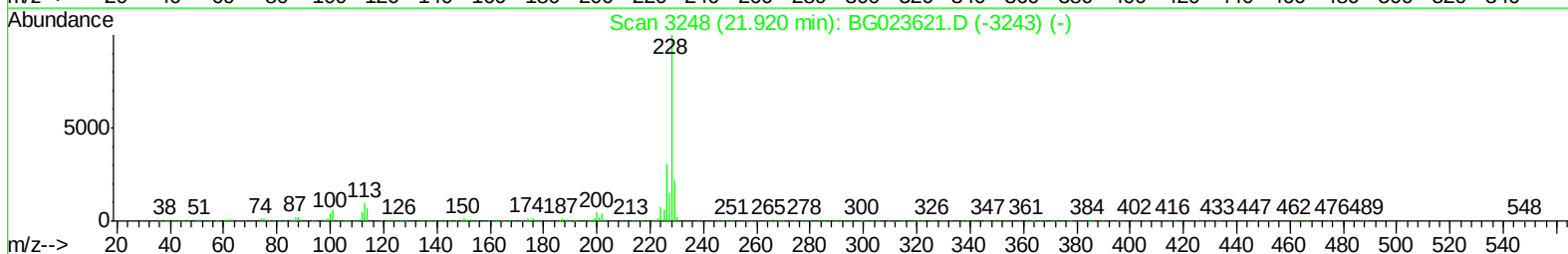
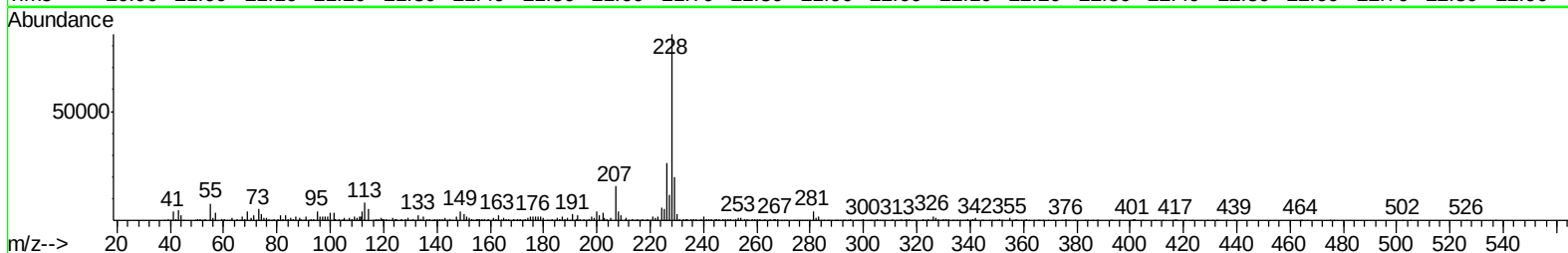
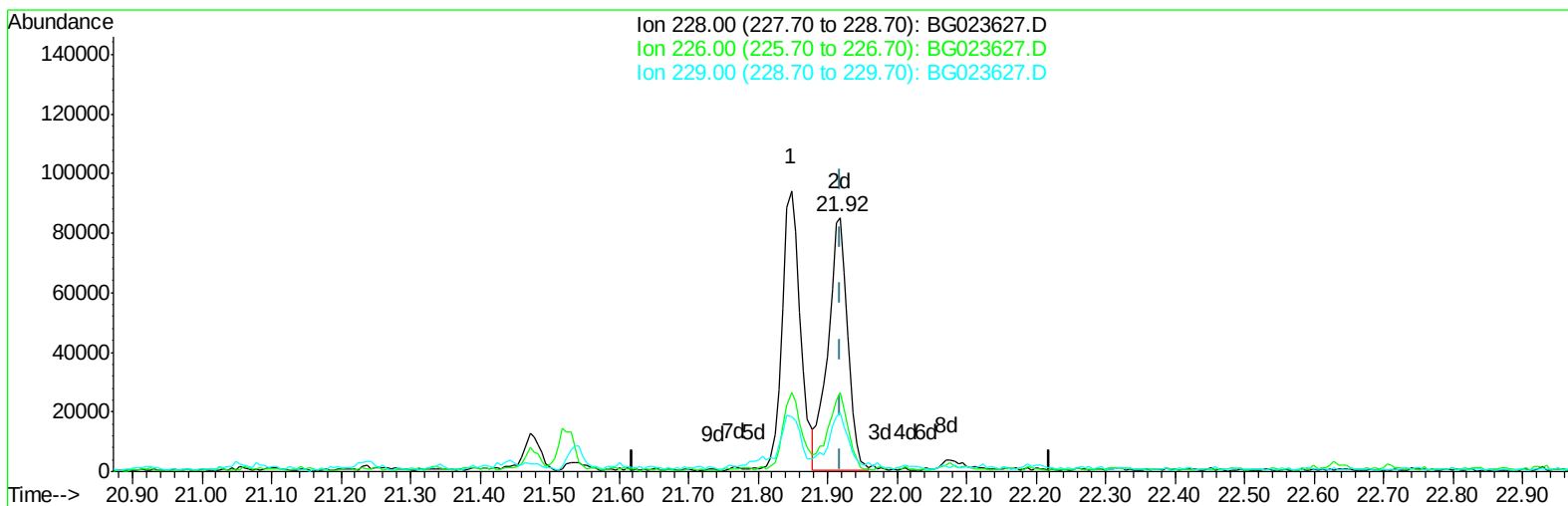
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Data File : BG023627.D
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Operator : UM/SJ
Sample : H4362-02DL 20X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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Manual Integrations
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TIC: BG023627.D

(82) Chrysene

21.918min (-0.002) 3.03ng/ul m

response 167556

Ion	Exp%	Act%
228.00	100	100
226.00	30.30	30.86
229.00	18.80	23.29#
0.00	0.00	0.00

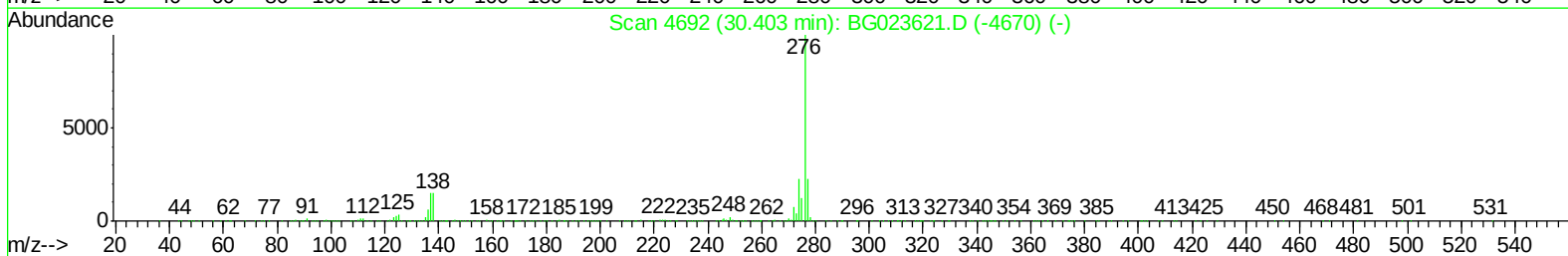
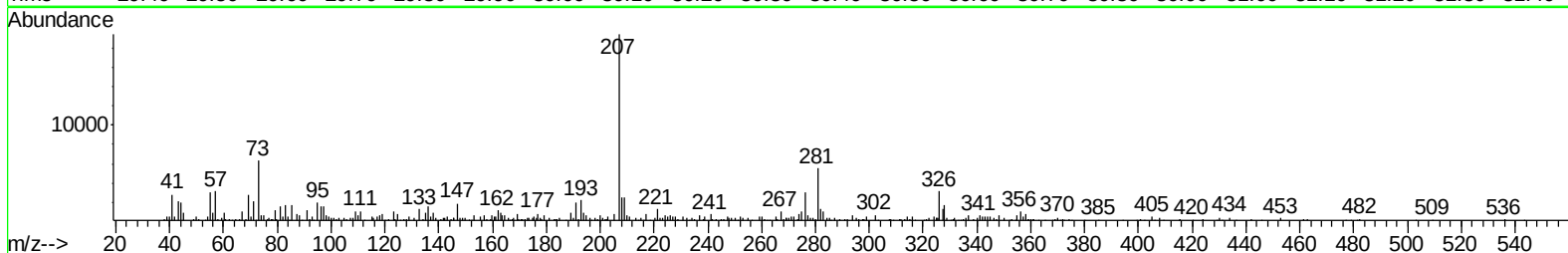
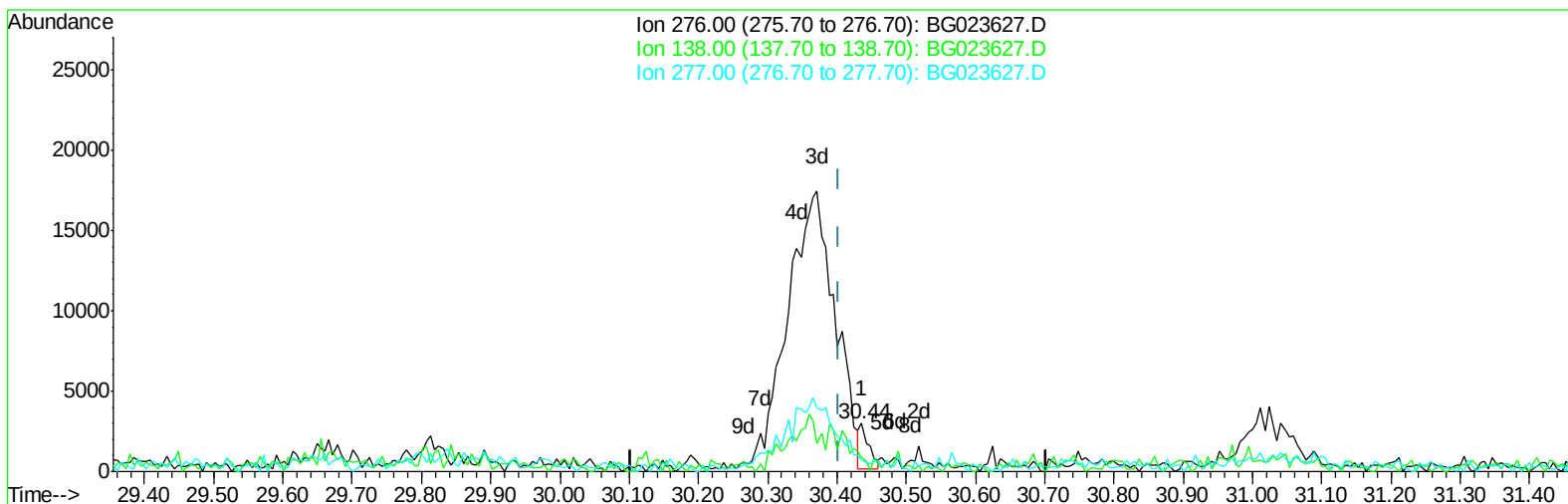
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Instrument :
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Manual Integrations
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TIC: BG023627.D

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

30.436min (+0.033) 0.04ng/ul

response 2453

Ion	Exp%	Act%
276.00	100	100
138.00	27.60	29.46
277.00	21.20	24.34
0.00	0.00	0.00

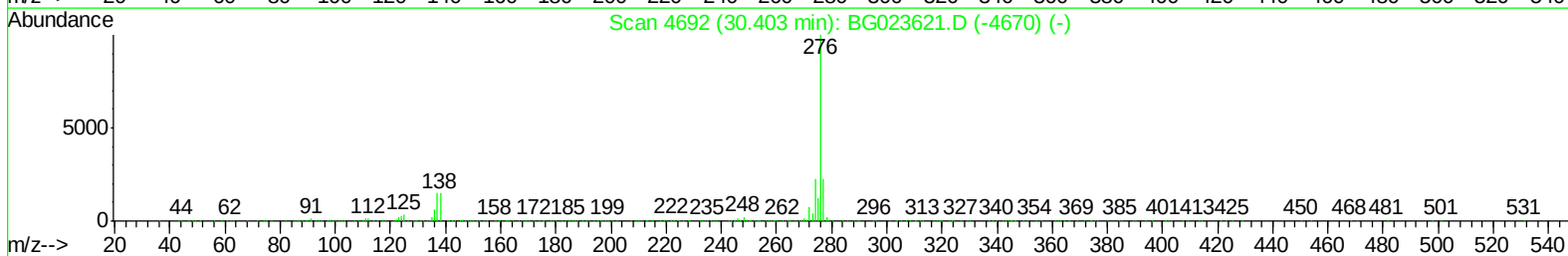
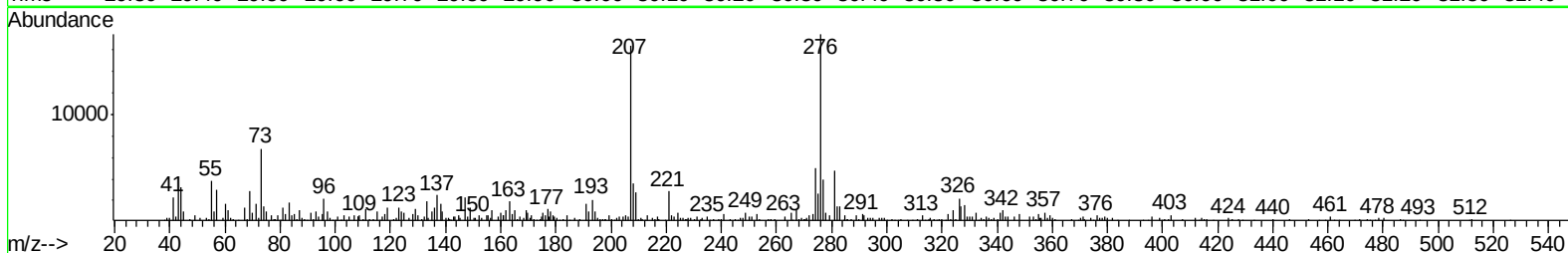
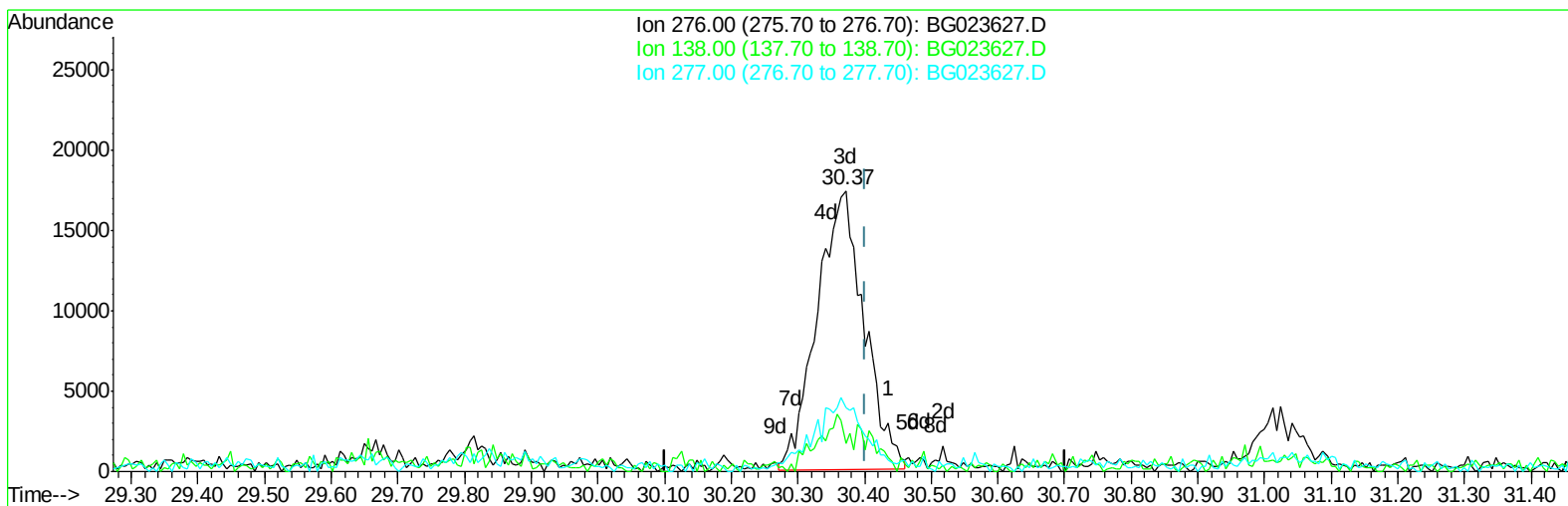
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023627.D
Acq On : 11 Aug 2016 15:16
Operator : UM/SJ
Sample : H4362-02DL 20X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Time: Aug 12 03:46:07 2016
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Manual Integrations
APPROVED

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TIC: BG023627.D

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

30.371min (-0.031) 1.42ng/ul m

response 85127

Ion	Exp%	Act%
276.00	100	100
138.00	27.60	9.92#
277.00	21.20	22.89
0.00	0.00	0.00

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 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
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Manual Integrations
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Quant Time: Aug 12 04:15:23 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 12 03:45:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	183338	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	883819	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	565712	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1082128	20.00	ng/ul	0.00
75) Chrysene-d12	21.87	240	1078881	20.00	ng/ul	0.00
83) Perylene-d12	25.27	264	1118559	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	390	0.09	ng/uL	0.00
5) Phenol-d5	7.27	99	12232	0.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	11505	0.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	11806	0.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.84	113	6250	0.43	ng/ul	0.02
19) Nitrobenzene-d5	9.30	128	6168	0.89	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	4302	0.54	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.59	165	10038	0.67	ng/ul	0.02
29) 4-Chloroaniline-d4	11.10	131	7447	0.42	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	49483	1.07	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	55783	1.07	ng/ul	0.00
51) 4-Nitrophenol-d4	15.02	143	138	0.02	ng/ul	0.02
57) Fluorene-d10	15.78	176	47100	1.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	139	0.02	ng/ul	0.05
70) Anthracene-d10	17.65	188	56039	1.15	ng/ul	0.00
76) Pyrene-d10	19.94	212	60779	1.11	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.02	264	59636	1.18	ng/ul	-0.02

Target Compounds

						Qvalue
69) Phenanthrene	17.59	178	213926	3.82	ng/ul	96
74) Fluoranthene	19.60	202	304077	5.30	ng/ul#	93
77) Pyrene	19.97	202	332346m	4.98	ng/ul	
80) Benzo(a)anthracene	21.85	228	166373	2.74	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.73	149	3231952	95.01	ng/ul#	73
82) Chrysene	21.92	228	167556m	3.03	ng/ul	
84) Di-n-octyl phthalate	22.99	149	128886	2.28	ng/ul	100
85) Benzo(b)fluoranthene	24.19	252	178552	2.81	ng/ul#	96
86) Benzo(k)fluoranthene	24.25	252	63603	1.02	ng/ul#	95
88) Benzo(a)pyrene	25.10	252	131196	2.14	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	29.14	276	84264	1.17	ng/ul#	88
91) Benzo(g,h,i)perylene	30.37	276	85127m	1.42	ng/ul	

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

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