

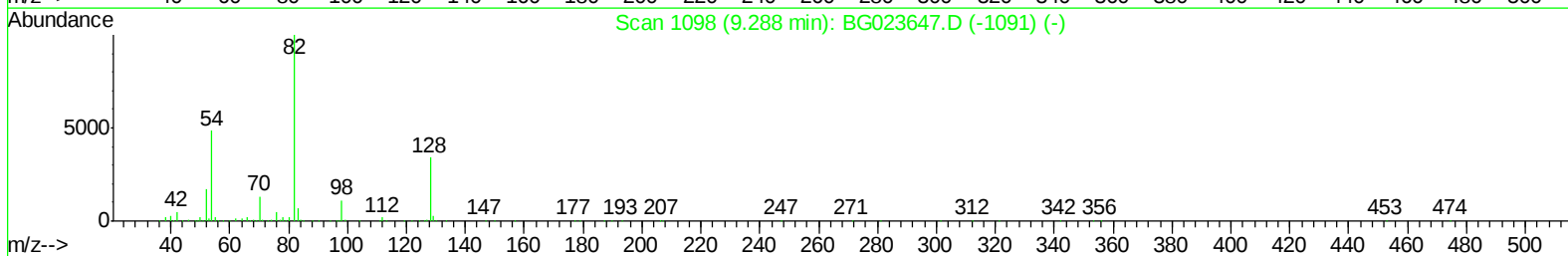
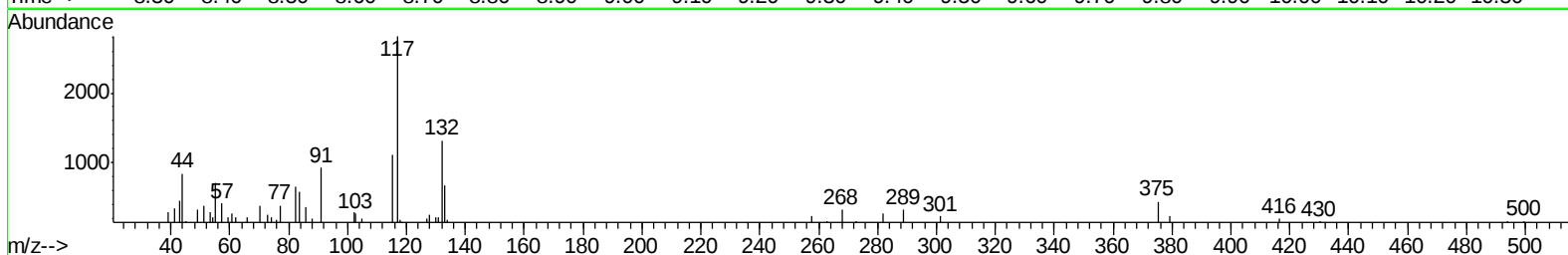
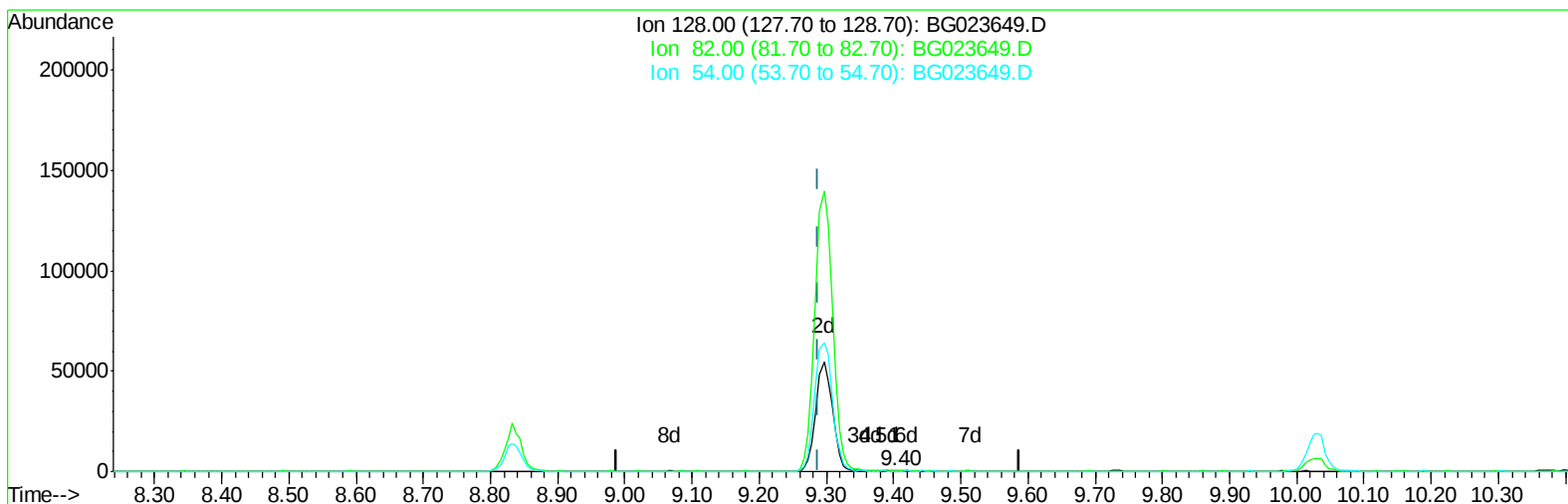
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023649.D
Acq On : 12 Aug 2016 10:26
Operator : UM/SJ
Sample : H4384-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P001-SS001-1218-01

Manual Integrations
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8/15/2016 6:48:27 PM

Quant Time: Aug 13 01:31:51 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 01:31:24 2016
Response via : Initial Calibration



TIC: BG023649.D

(19) Nitrobenzene-d5 (S)

9.402min (+0.113) 0.02ng/ul

response 185

Ion	Exp%	Act%
128.00	100	100
82.00	219.50	250.00
54.00	78.50	83.71
0.00	0.00	0.00

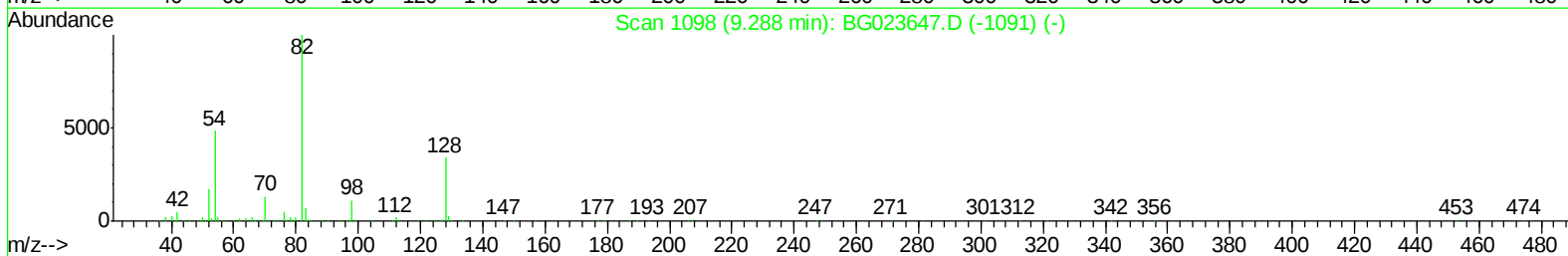
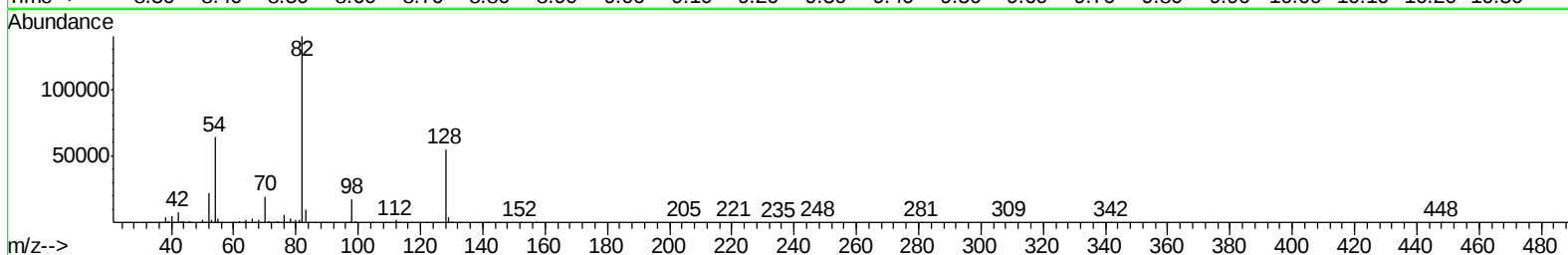
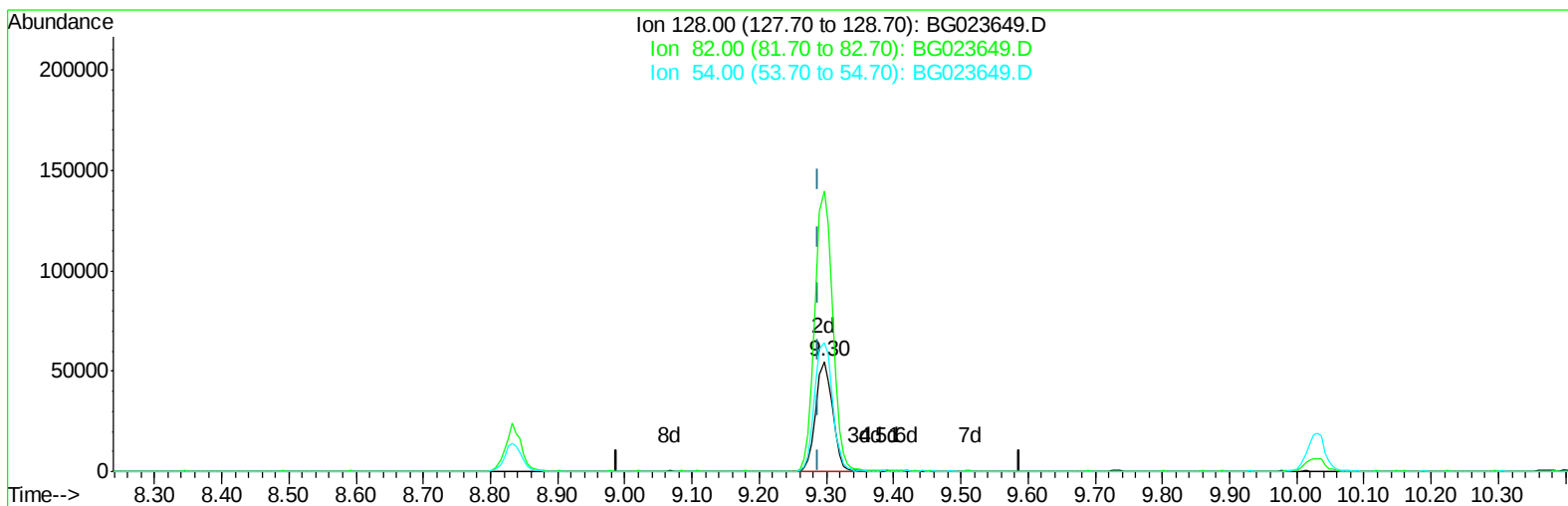
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023649.D
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Operator : UM/SJ
Sample : H4384-04
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Manual Integrations
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TIC: BG023649.D

(19) Nitrobenzene-d5 (S)

9.296min (+0.008) 12.68ng/ul m

response 94079

Ion	Exp%	Act%
128.00	100	100
82.00	219.50	254.50
54.00	78.50	116.93#
0.00	0.00	0.00

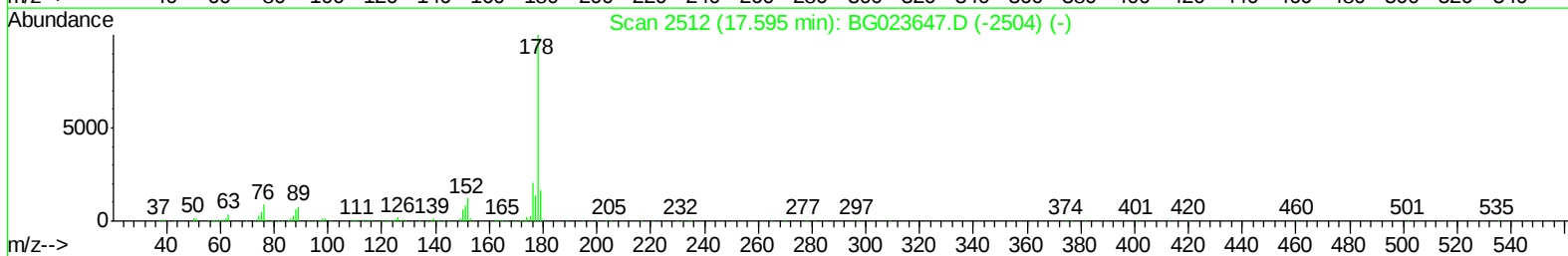
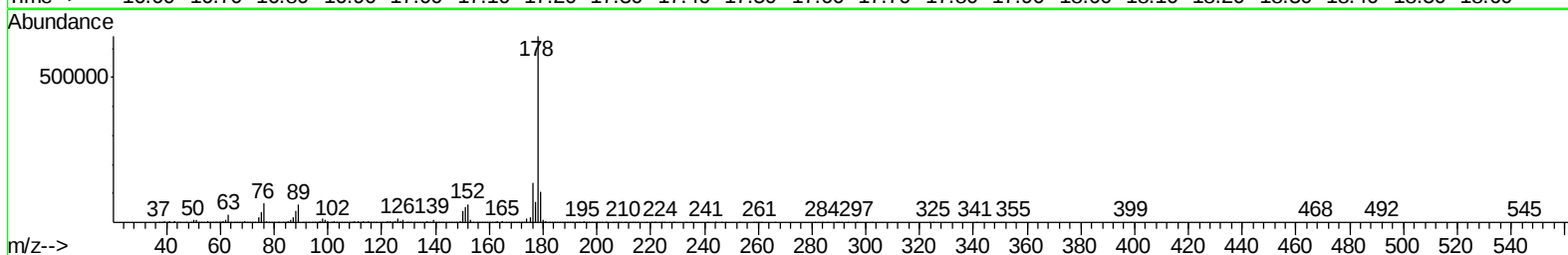
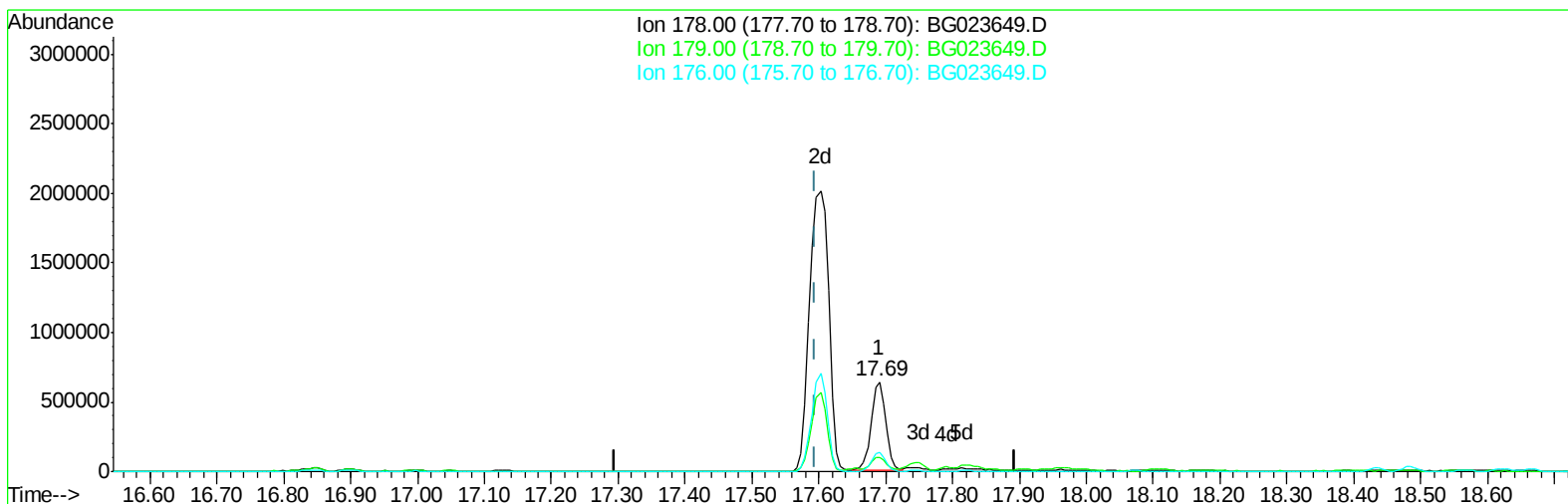
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 Acq On : 12 Aug 2016 10:26
 Operator : UM/SJ
 Sample : H4384-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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TIC: BG023649.D

(69) Phenanthrene

17.691min (+0.096) 12.49ng/ul

response 969708

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	16.23
176.00	19.80	21.12
0.00	0.00	0.00

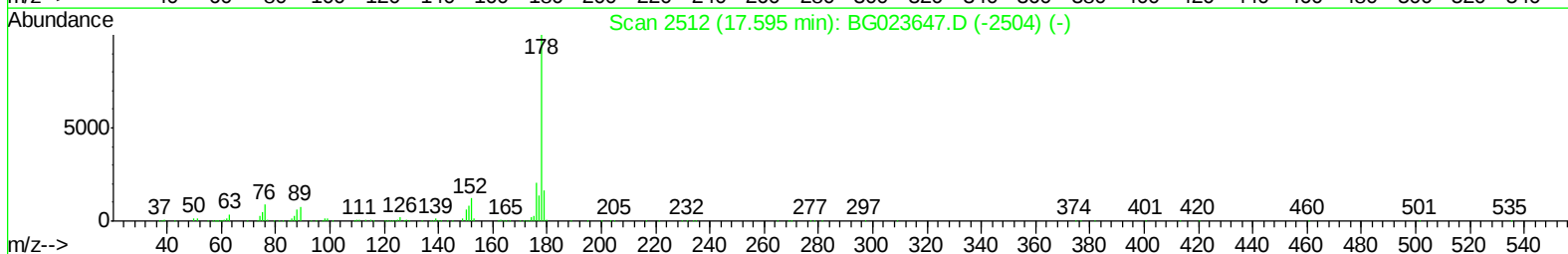
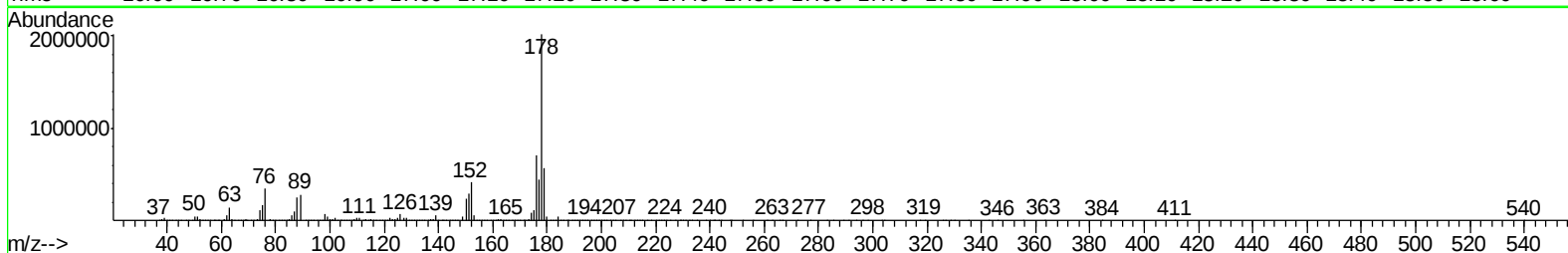
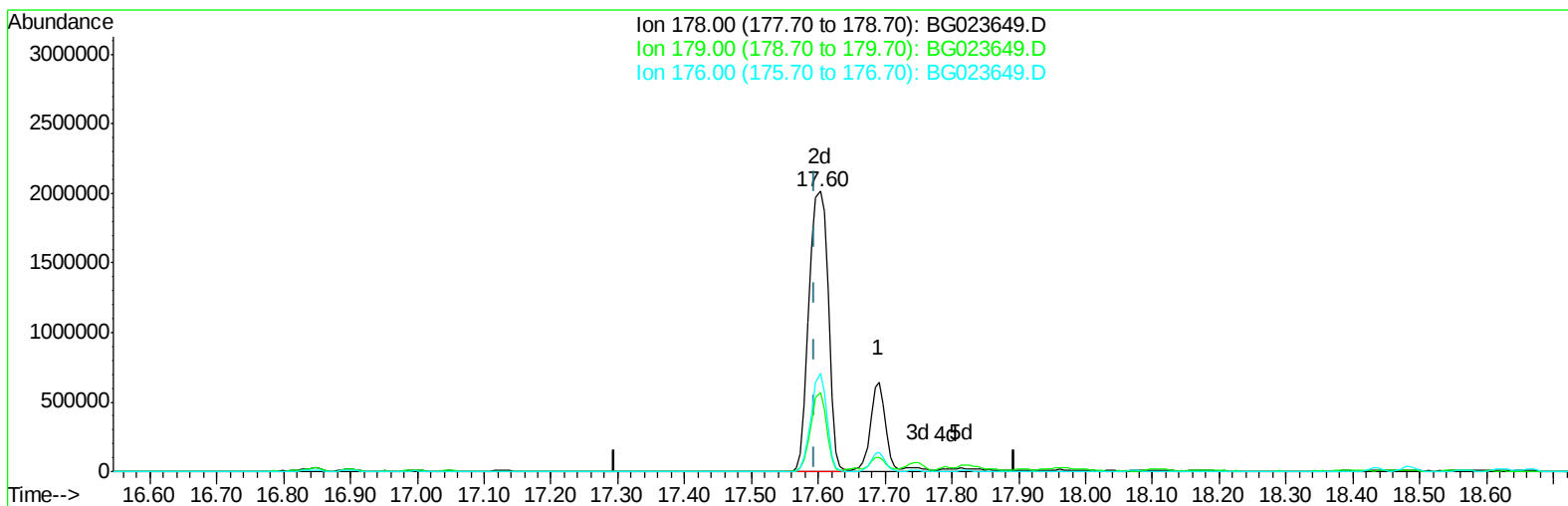
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Operator : UM/SJ
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Instrument :
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Manual Integrations
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TIC: BG023649.D

(69) Phenanthrene

17.603min (+0.008) 50.93ng/ul m

response 3955563

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	28.06#
176.00	19.80	34.86#
0.00	0.00	0.00

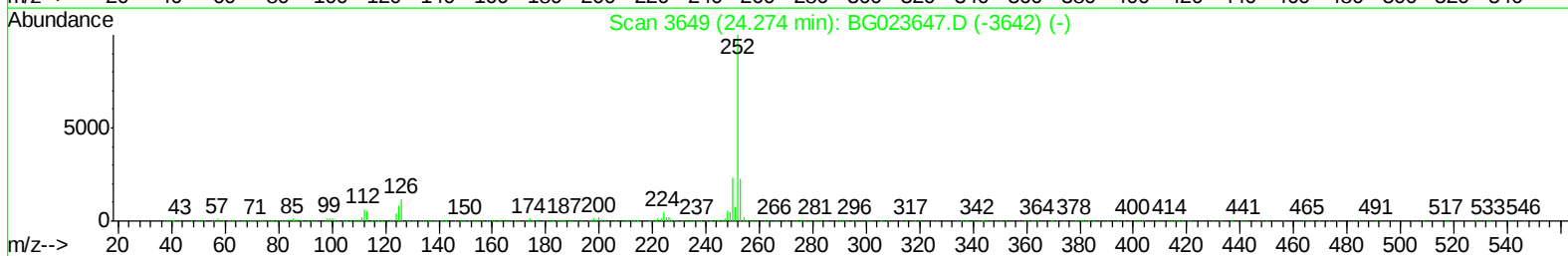
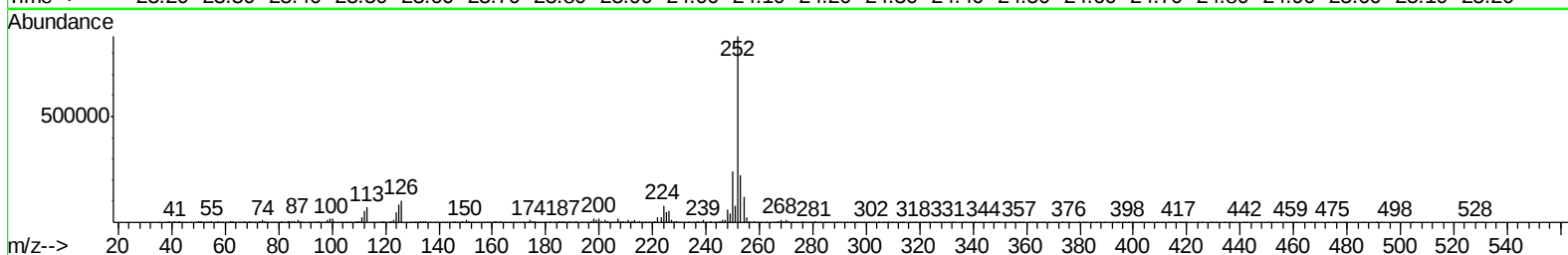
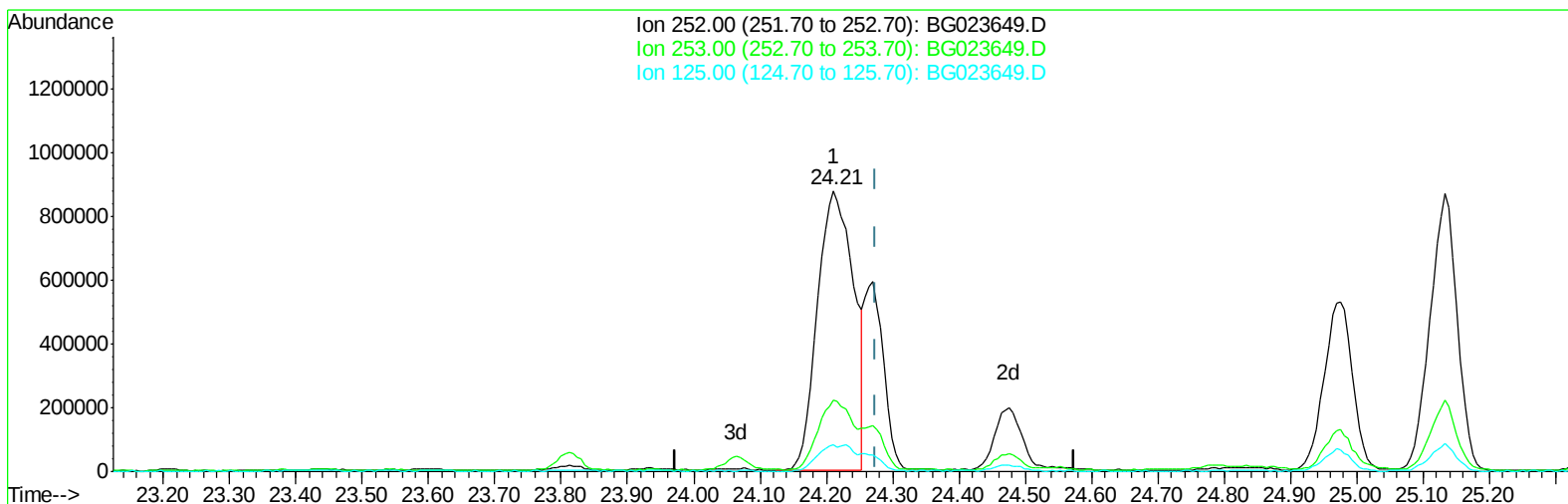
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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TIC: BG023649.D

(86) Benzo(k)fluoranthene

24.211min (-0.063) 49.32ng/ul

response 3293624

Ion	Exp%	Act%
252.00	100	100
253.00	19.70	25.35#
125.00	13.30	9.35#
0.00	0.00	0.00

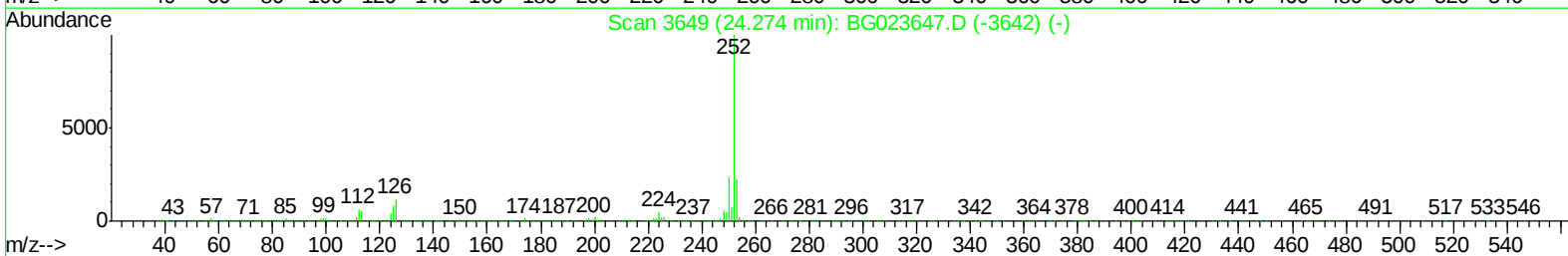
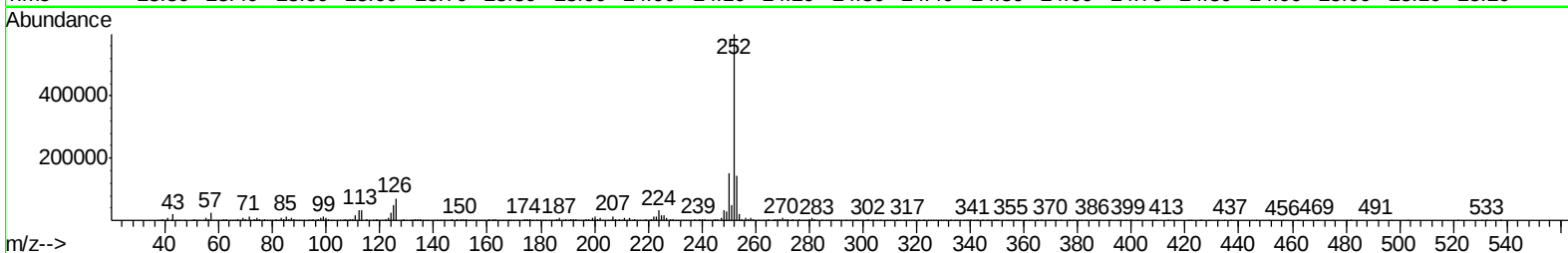
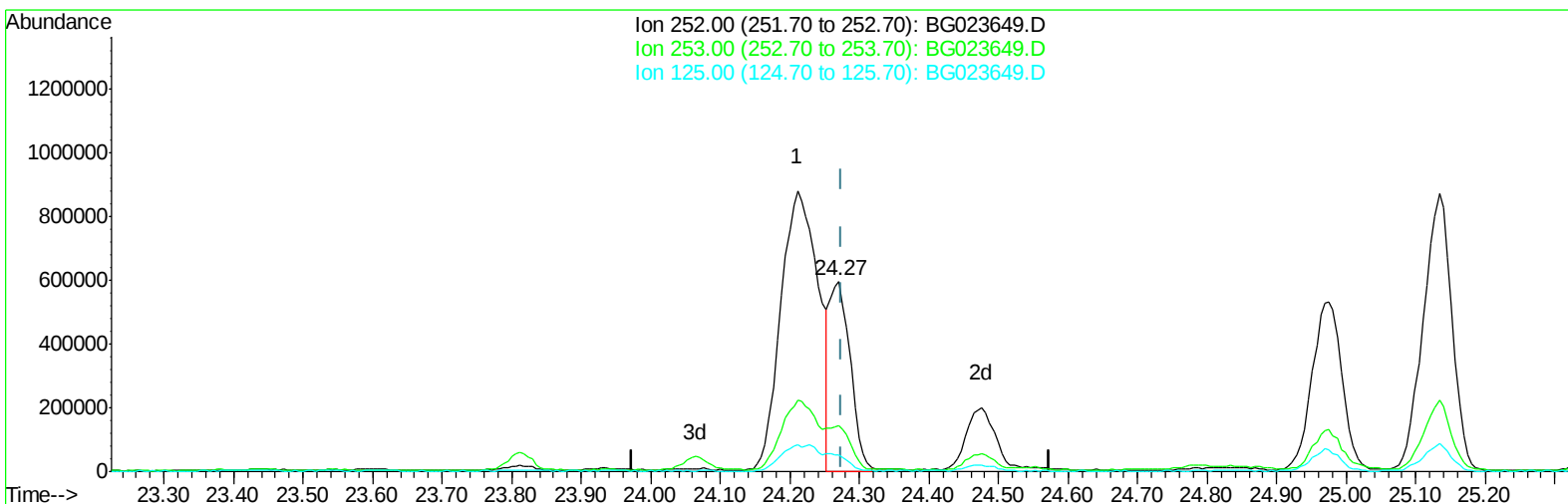
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023649.D
Acq On : 12 Aug 2016 10:26
Operator : UM/SJ
Sample : H4384-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
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Quant Time: Aug 13 01:31:51 2016
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Response via : Initial Calibration



TIC: BG023649.D

(86) Benzo(k)fluoranthene

24.270min (-0.004) 18.10ng/ul m

response 1208825

Ion	Exp%	Act%
252.00	100	100
253.00	19.70	23.82#
125.00	13.30	8.42#
0.00	0.00	0.00

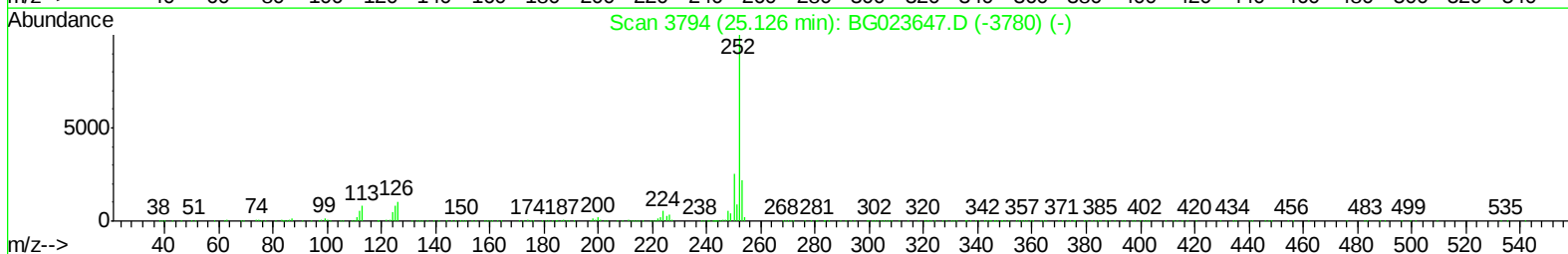
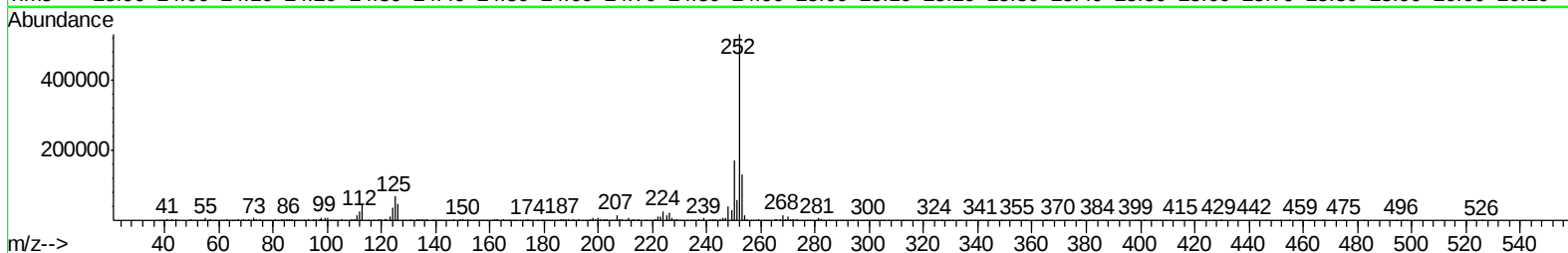
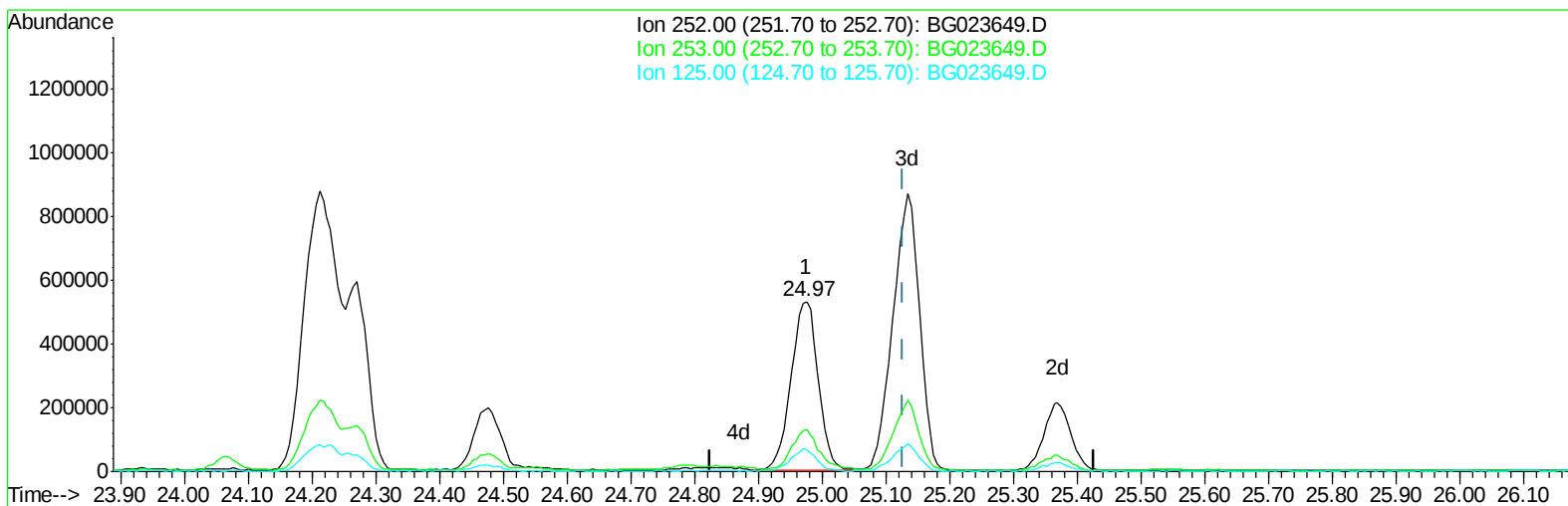
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Data File : BG023649.D
Acq On : 12 Aug 2016 10:26
Operator : UM/SJ
Sample : H4384-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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Quant Time: Aug 13 01:31:51 2016
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TIC: BG023649.D

(88) Benzo(a)pyrene (C)

24.975min (-0.151) 24.13ng/ul

response 1580311

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	24.87
125.00	15.00	12.78
0.00	0.00	0.00

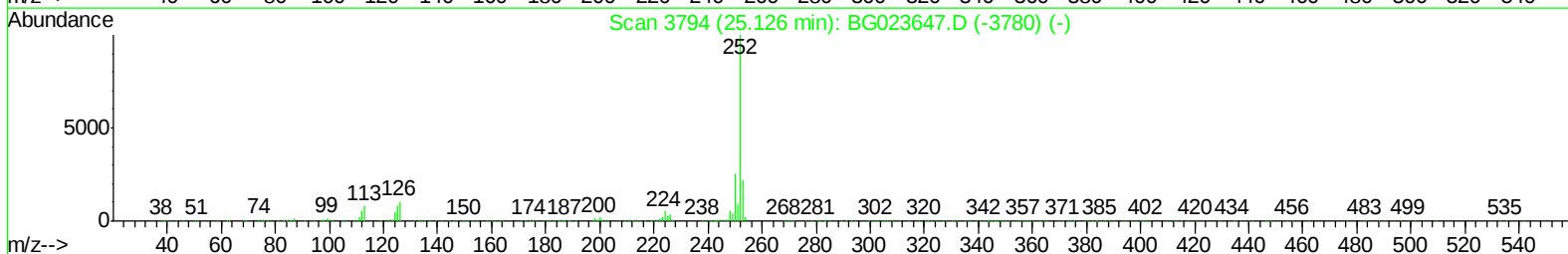
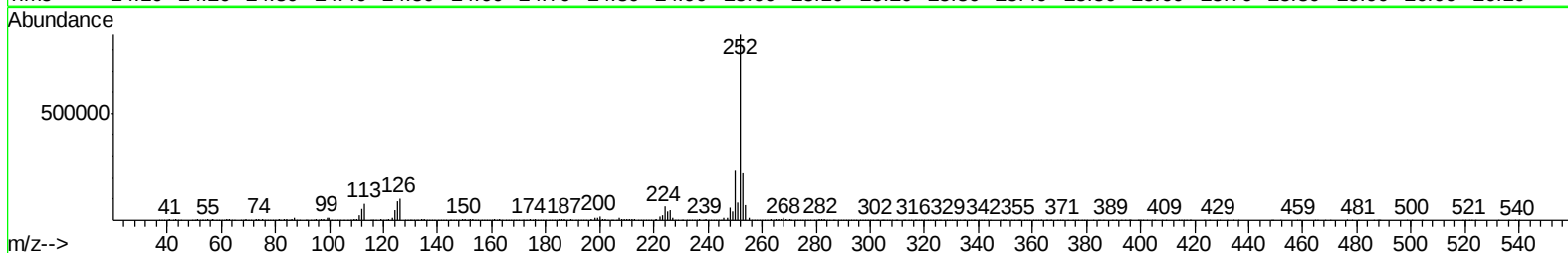
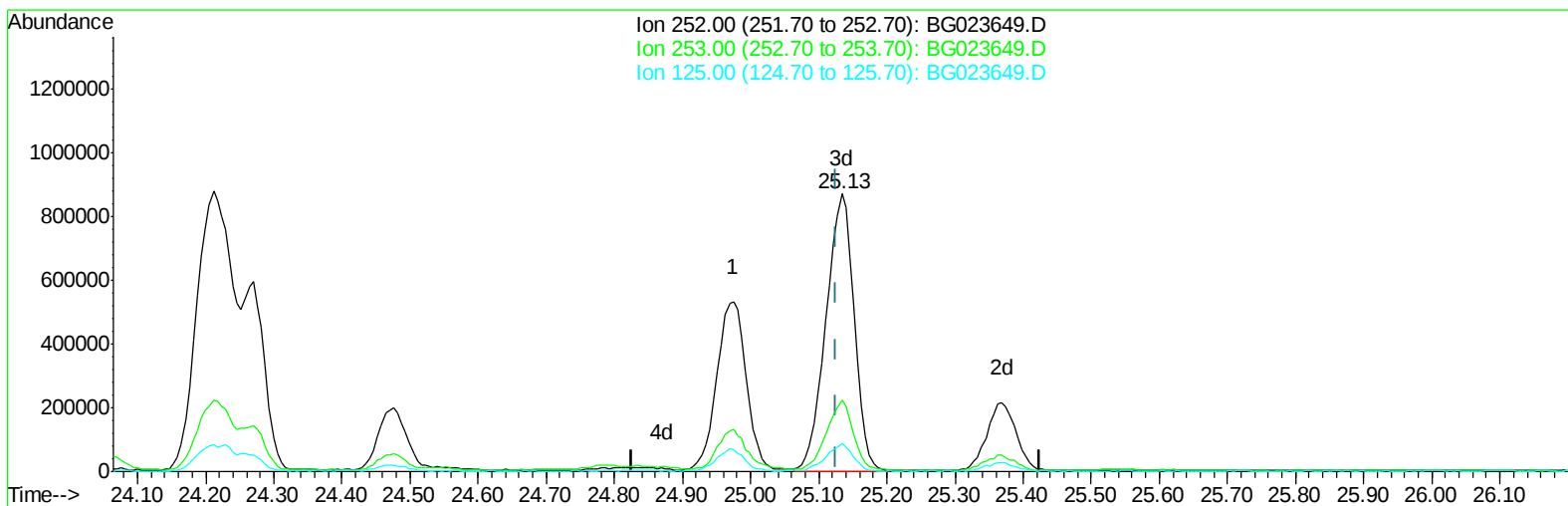
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023649.D
Acq On : 12 Aug 2016 10:26
Operator : UM/SJ
Sample : H4384-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
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Response via : Initial Calibration



TIC: BG023649.D

(88) Benzo(a)pyrene (C)

25.134min (+0.008) 38.35ng/ul m

response 2512184

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	25.65
125.00	15.00	10.21#
0.00	0.00	0.00

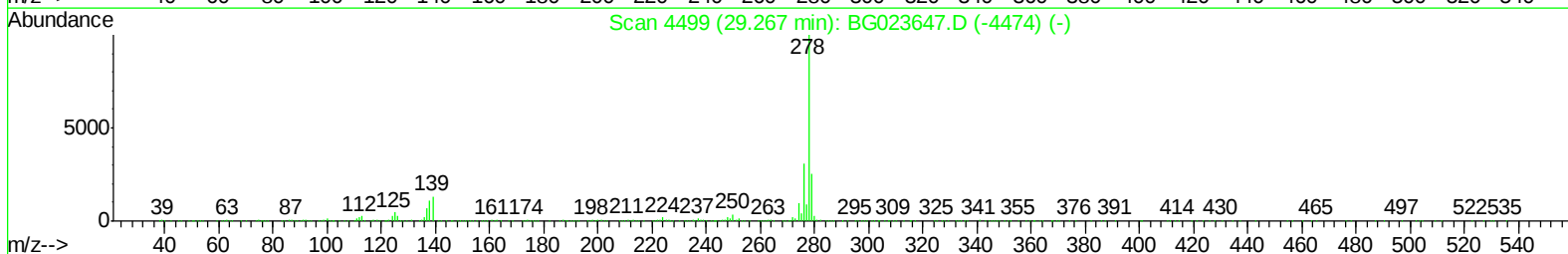
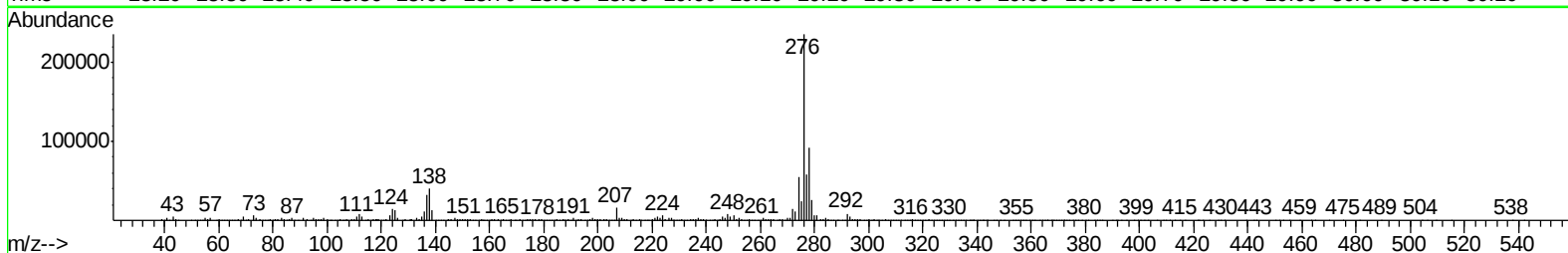
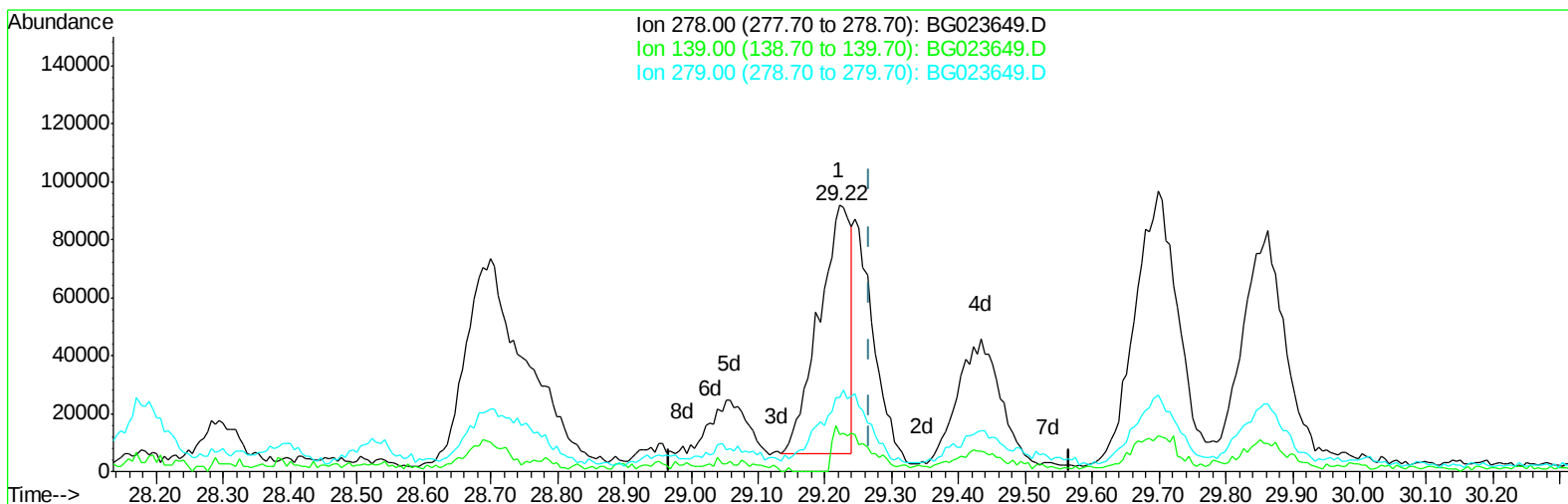
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Data File : BG023649.D
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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Manual Integrations
APPROVED

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TIC: BG023649.D

(90) Dibenzo(a,h)anthracene

29.222min (-0.045) 4.35ng/ul

response 285768

Ion	Exp%	Act%
278.00	100	100
139.00	20.40	13.89#
279.00	23.90	27.90
0.00	0.00	0.00

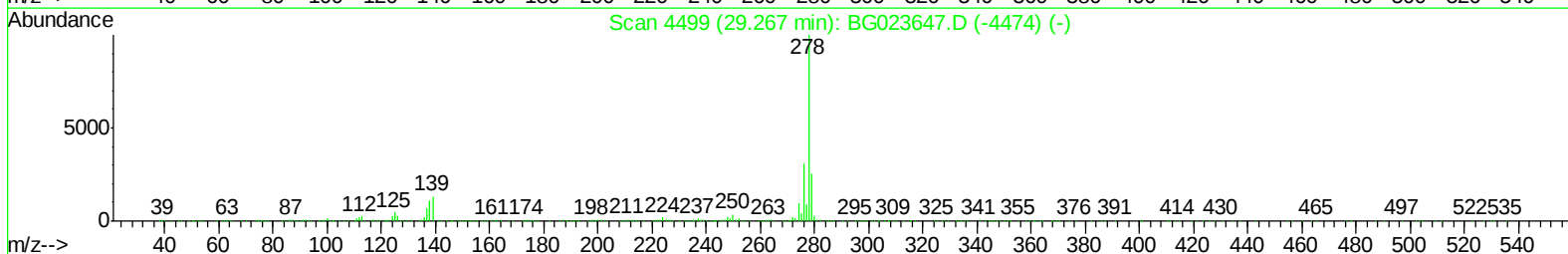
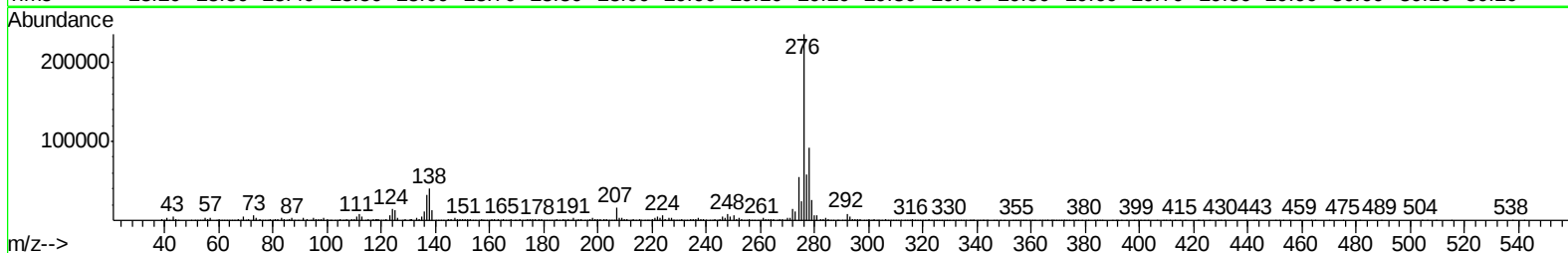
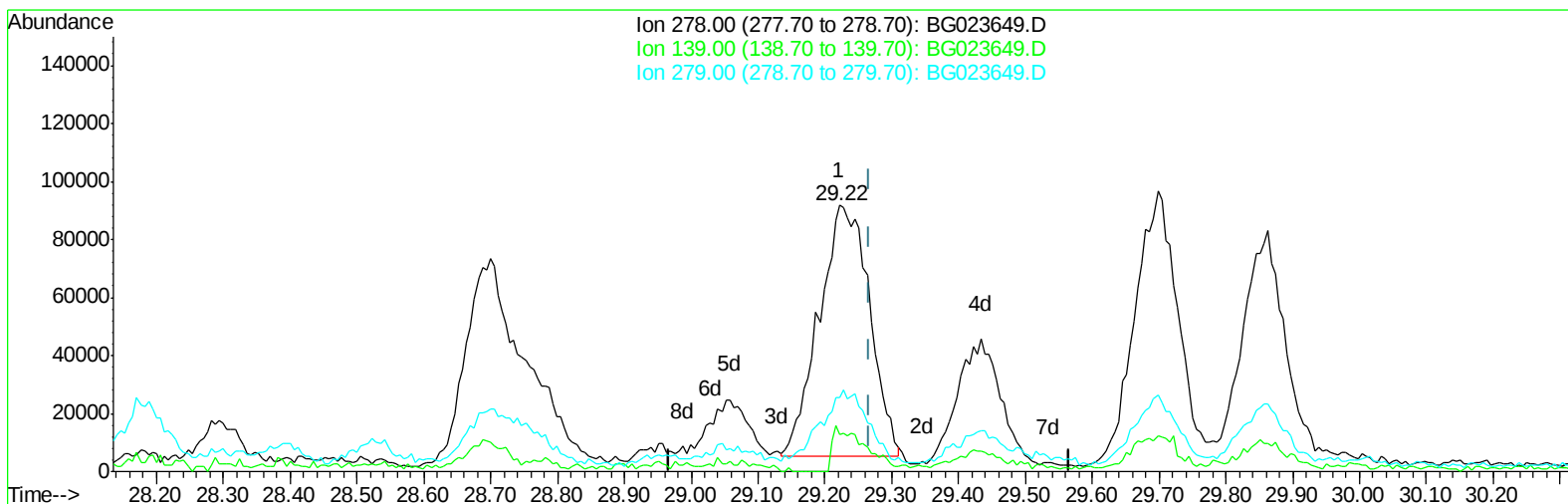
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APPROVED

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TIC: BG023649.D

(90) Dibenzo(a,h)anthracene

29.222min (-0.045) 6.87ng/ul m

response 450814

Ion	Exp%	Act%
278.00	100	100
139.00	20.40	13.89#
279.00	23.90	27.90
0.00	0.00	0.00

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Manual Integrations
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Quant Time: Aug 13 01:44:31 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 13 01:31:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	185738	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	941154	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	682314	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	1499614	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	1141366	20.00	ng/ul	0.00
83) Perylene-d12	25.29	264	1192670	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	5760	1.32	ng/uL	0.00
5) Phenol-d5	7.28	99	229928	12.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	152810	12.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	168180	13.18	ng/ul	0.01
13) 4-Methylphenol-d8	8.83	113	184122	12.60	ng/ul	0.00
19) Nitrobenzene-d5	9.30	128	94079m	12.68	ng/ul	0.00
22) 2-Nitrophenol-d4	10.03	143	140345	16.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.58	165	226733	14.11	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	155005	8.22	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	688851	12.33	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	813267	12.93	ng/ul	0.00
51) 4-Nitrophenol-d4	15.02	143	42617	4.47	ng/ul	0.01
57) Fluorene-d10	15.79	176	640977	12.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.93	200	2927	0.30	ng/ul	0.02
70) Anthracene-d10	17.66	188	923469	13.67	ng/ul	0.00
76) Pyrene-d10	19.95	212	805671	13.95	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.05	264	704925	13.06	ng/ul	0.00

Target Compounds

						Qvalue
28) Naphthalene	11.01	128	59032	1.24	ng/ul	98
34) 2-Methylnaphthalene	12.62	142	90130	2.33	ng/ul	91
44) Dimethylphthalate	14.23	163	616478	11.14	ng/ul	99
47) Acenaphthylene	14.51	152	420778	6.40	ng/ul	99
49) Acenaphthene	14.85	153	116492	2.60	ng/ul	95
58) Fluorene	15.84	166	330530	5.98	ng/ul	98
69) Phenanthrene	17.60	178	3955563m	50.93	ng/ul	
71) Anthracene	17.69	178	969708	12.24	ng/ul	98
72) Carbazole	17.96	167	141298	2.21	ng/ul#	97
74) Fluoranthene	19.62	202	4304137	54.13	ng/ul#	81
77) Pyrene	19.98	202	4218610	59.79	ng/ul#	82
80) Benzo(a)anthracene	21.86	228	2945176	45.82	ng/ul#	83
82) Chrysene	21.93	228	2751594	47.08	ng/ul#	84
85) Benzo(b)fluoranthene	24.21	252	3293624	48.55	ng/ul#	93
86) Benzo(k)fluoranthene	24.27	252	1208825m	18.10	ng/ul	
88) Benzo(a)pyrene	25.13	252	2512184m	38.35	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.19	276	1616256	21.00	ng/ul#	87
90) Dibenzo(a,h)anthracene	29.22	278	450814m	6.87	ng/ul	
91) Benzo(g,h,i)perylene	30.42	276	1273580	19.96	ng/ul#	87

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

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Manual Integrations
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Quant Time: Aug 13 01:44:31 2016
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