

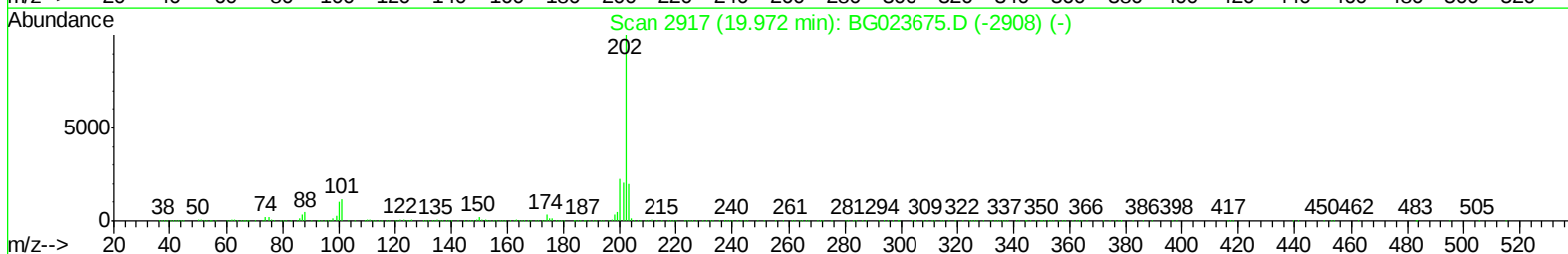
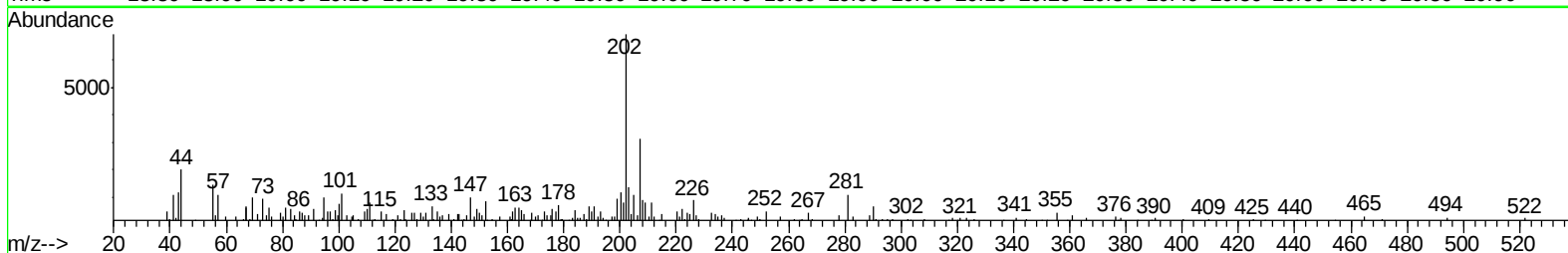
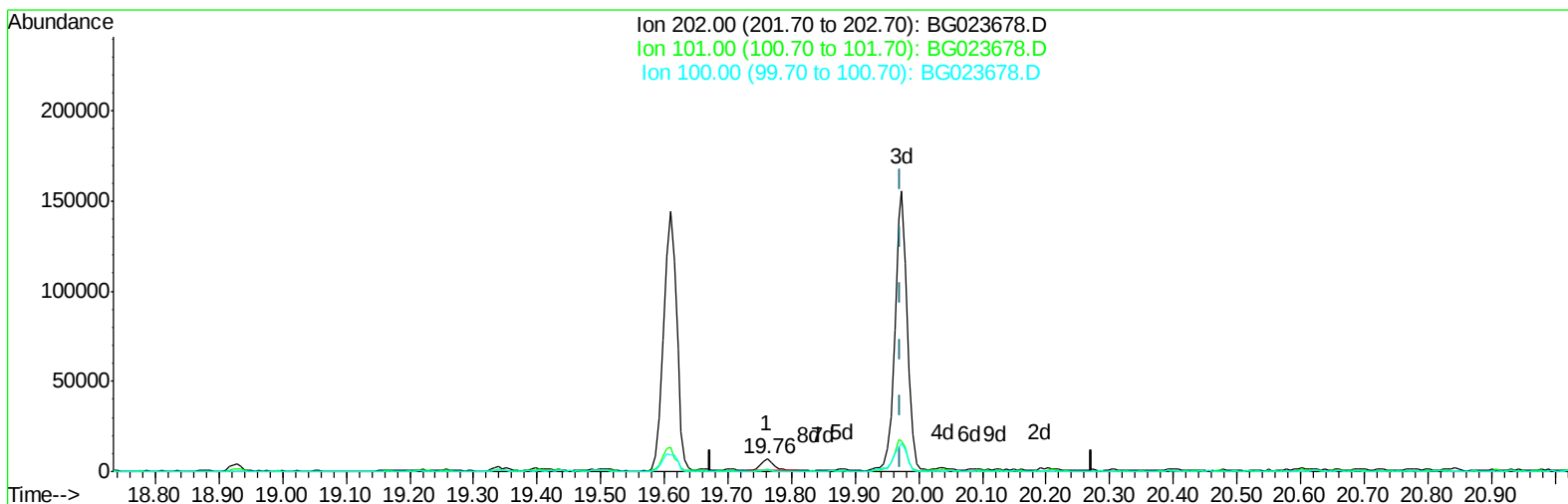
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023678.D
Acq On : 13 Aug 2016 5:46
Operator : UM/SJ
Sample : H4360-21DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-0612-01DL

Manual Integrations
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8/15/2016 6:50:22 PM

Quant Time: Aug 13 06:38:14 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration



TIC: BG023678.D

(77) Pyrene

19.762min (-0.210) 0.19ng/ul

response 9096

Ion	Exp%	Act%
202.00	100	100
101.00	15.60	16.51
100.00	12.80	10.76
0.00	0.00	0.00

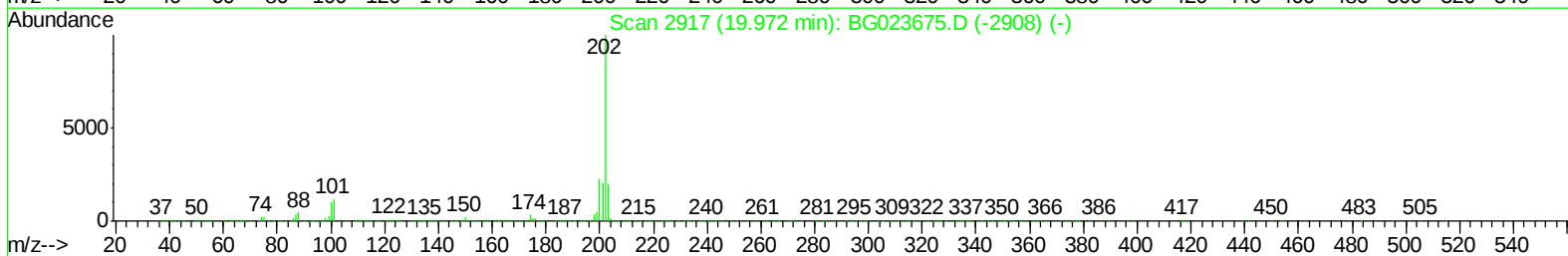
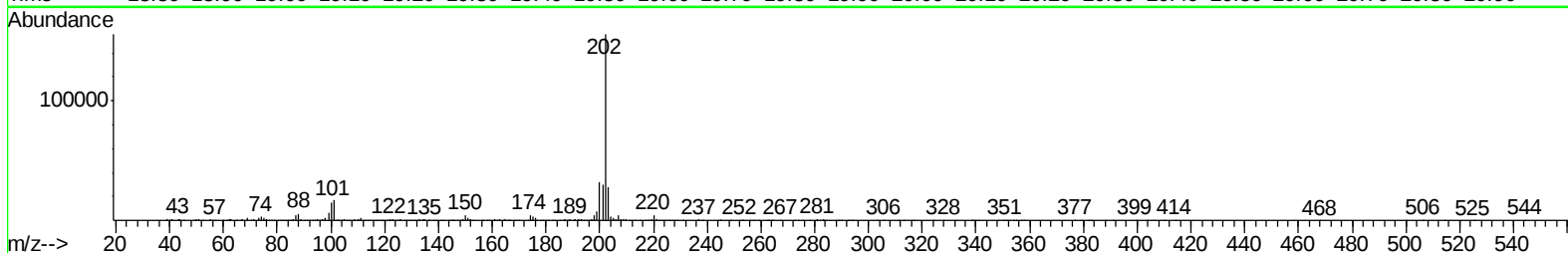
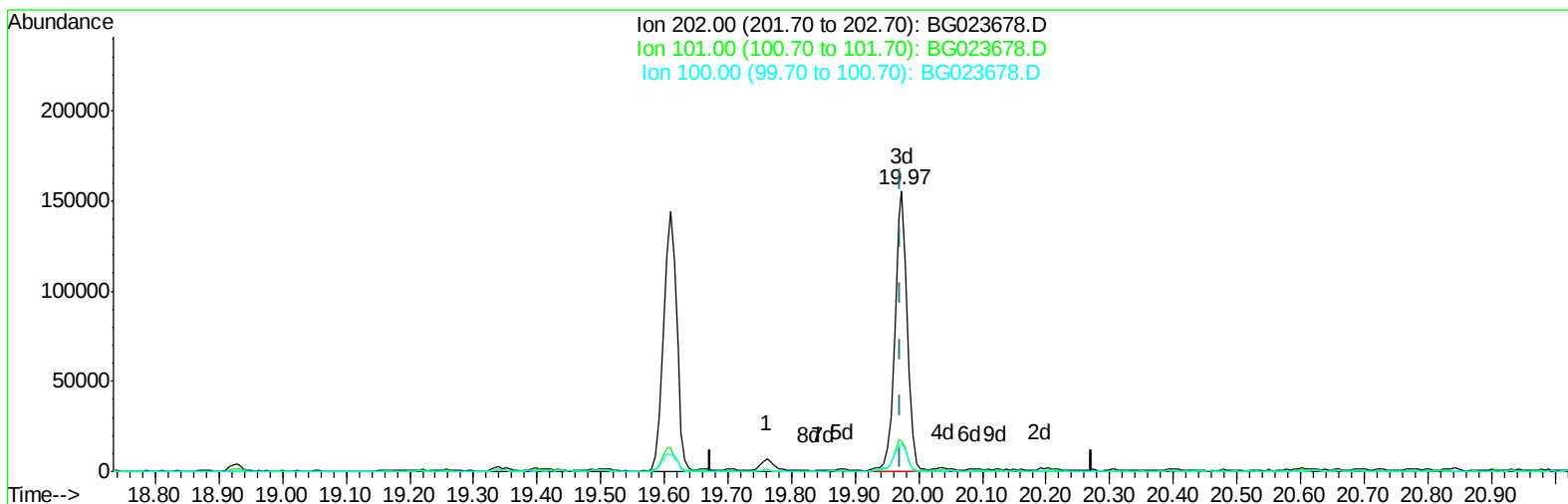
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Data File : BG023678.D
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TIC: BG023678.D

(77) Pyrene

19.973min (+0.001) 4.72ng/ul m

response 221286

Ion	Exp%	Act%
202.00	100	100
101.00	15.60	10.80#
100.00	12.80	10.00#
0.00	0.00	0.00

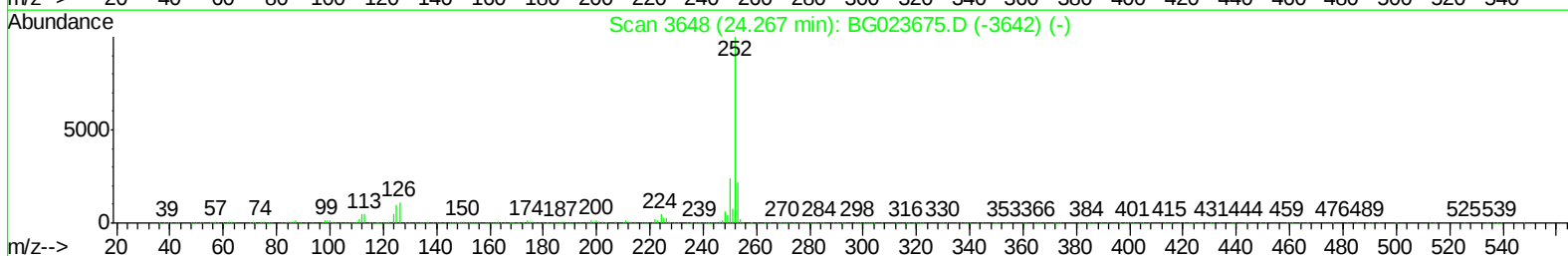
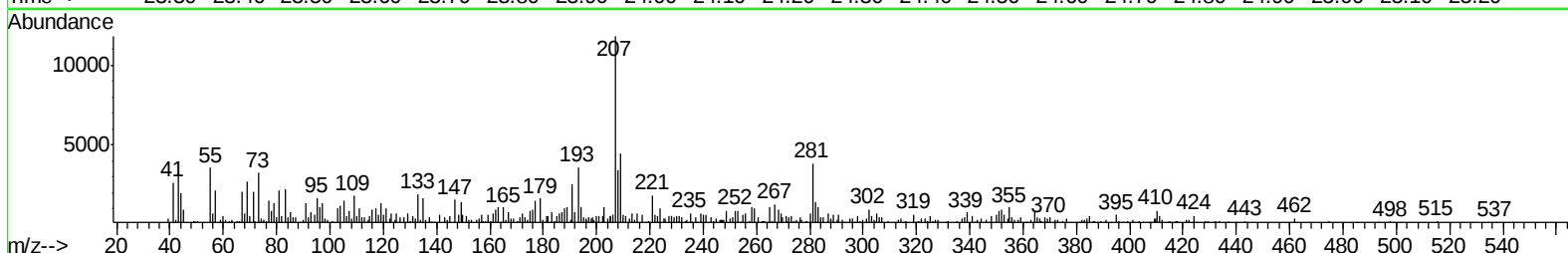
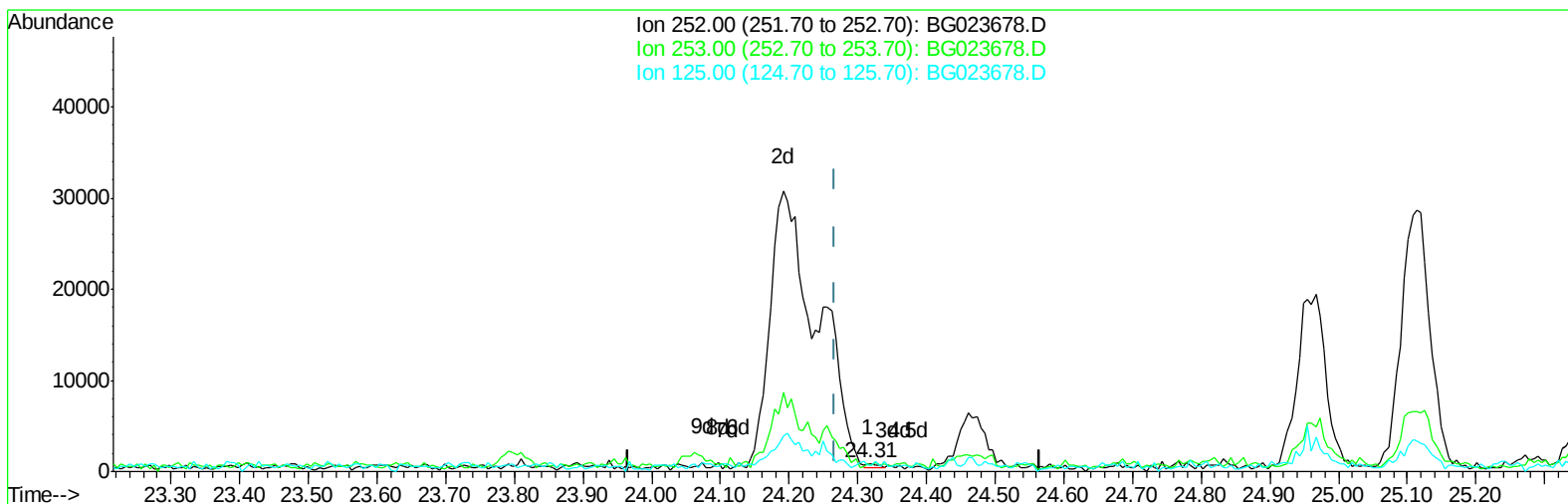
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
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Manual Integrations
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TIC: BG023678.D

(86) Benzo(k)fluoranthene

24.315min (+0.048) 0.01ng/ul

response 477

Ion	Exp%	Act%
252.00	100	100
253.00	19.70	92.87#
125.00	13.30	77.74#
0.00	0.00	0.00

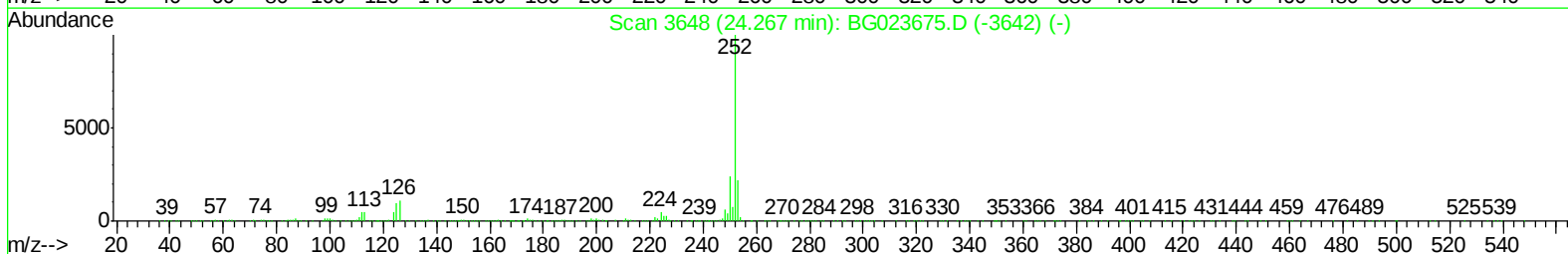
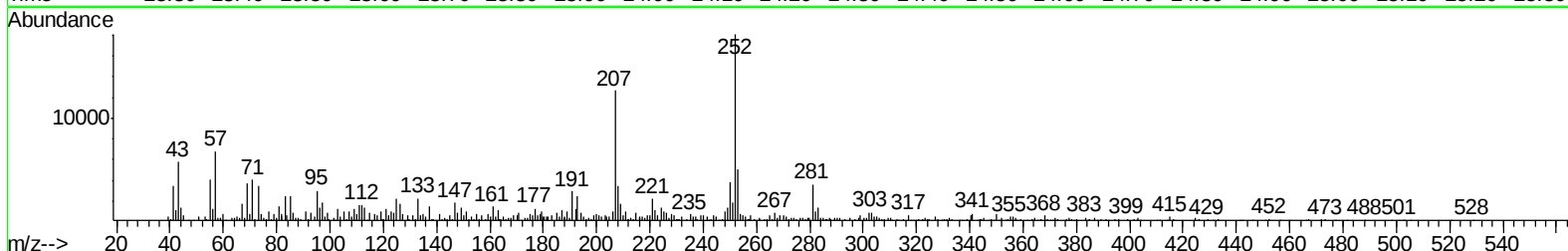
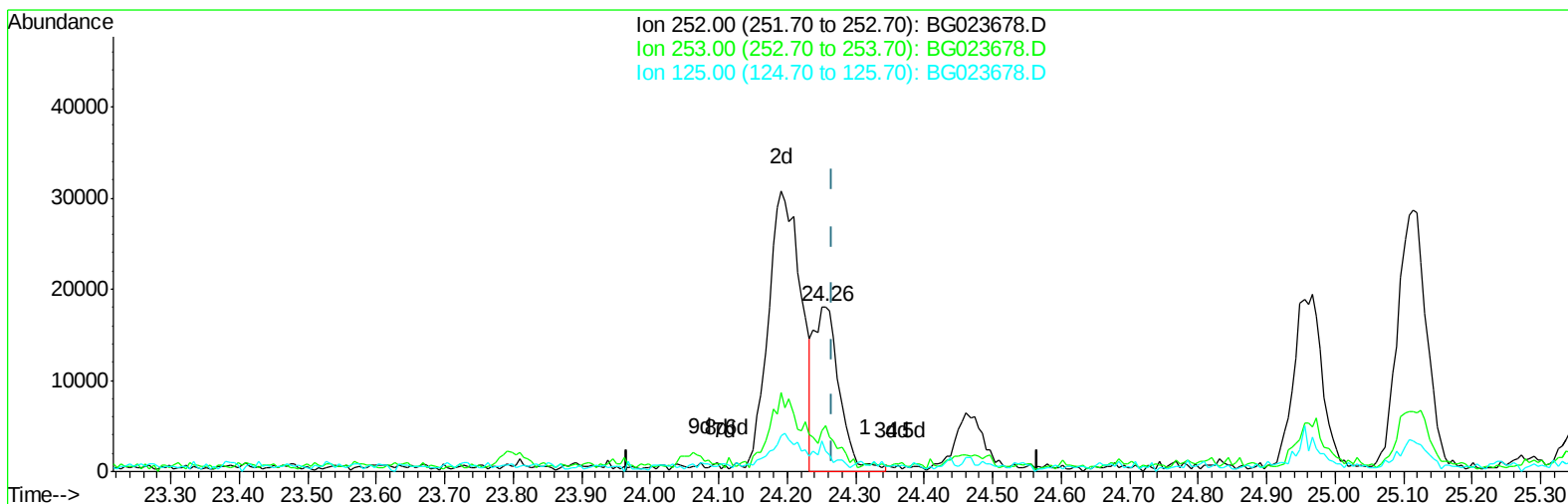
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Data File : BG023678.D
Acq On : 13 Aug 2016 5:46
Operator : UM/SJ
Sample : H4360-21DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
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TIC: BG023678.D

(86) Benzo(k)fluoranthene

24.256min (-0.011) 1.10ng/ul m

response 46913

Ion	Exp%	Act%
252.00	100	100
253.00	19.70	27.95#
125.00	13.30	12.28
0.00	0.00	0.00

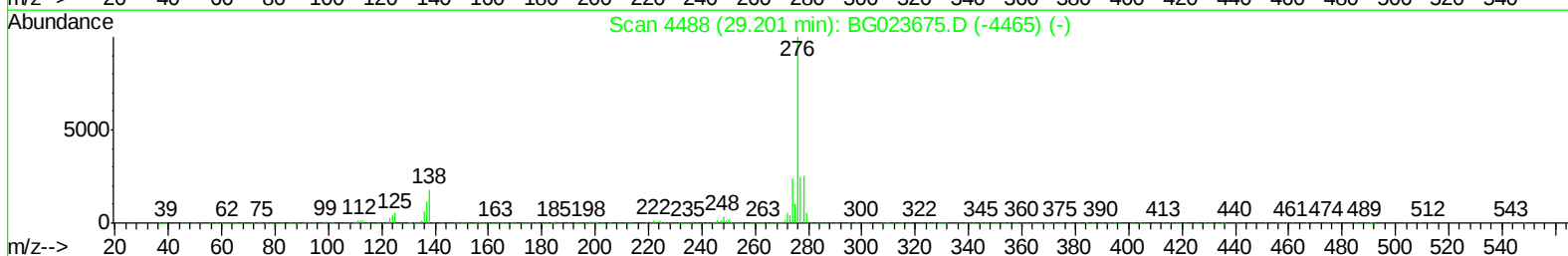
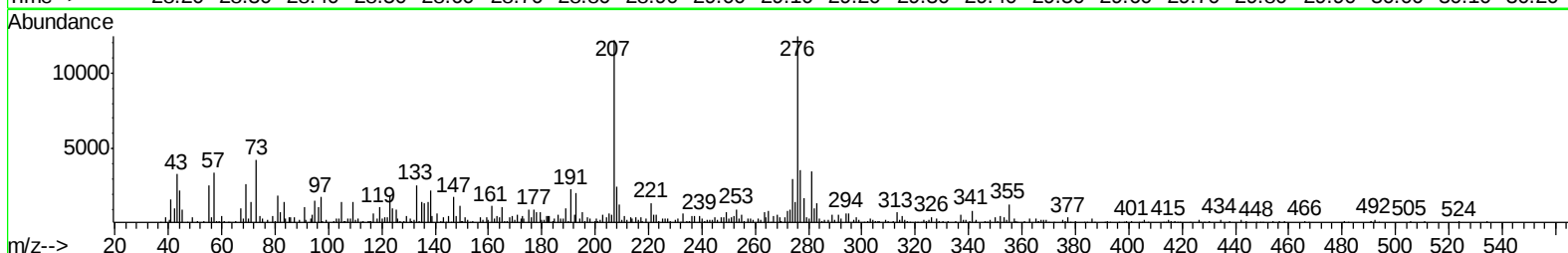
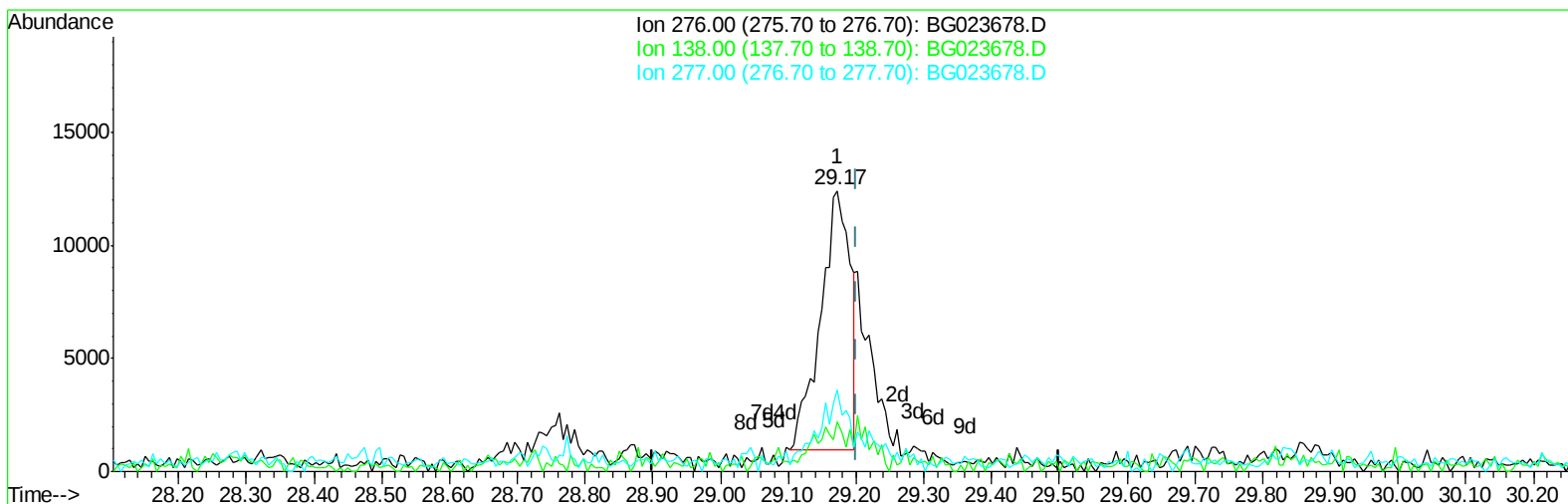
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023678.D
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Operator : UM/SJ
Sample : H4360-21DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
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TIC: BG023678.D

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

29.173min (-0.028) 0.71ng/ul

response 34627

Ion	Exp%	Act%
276.00	100	100
138.00	26.00	17.96#
277.00	22.00	28.92#
0.00	0.00	0.00

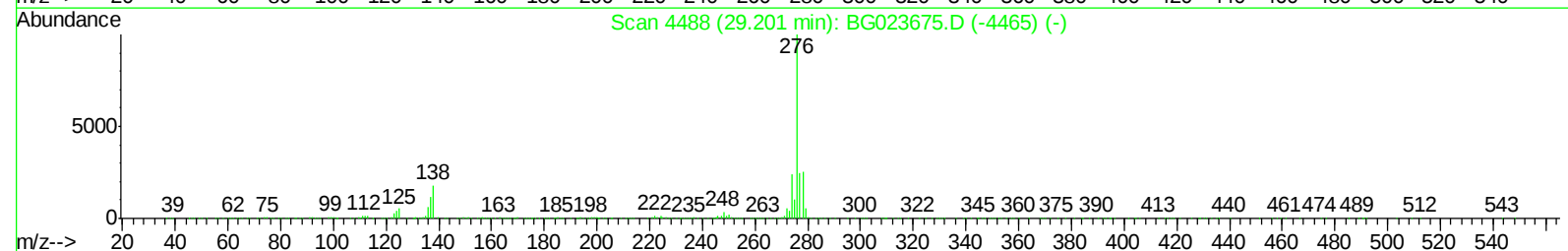
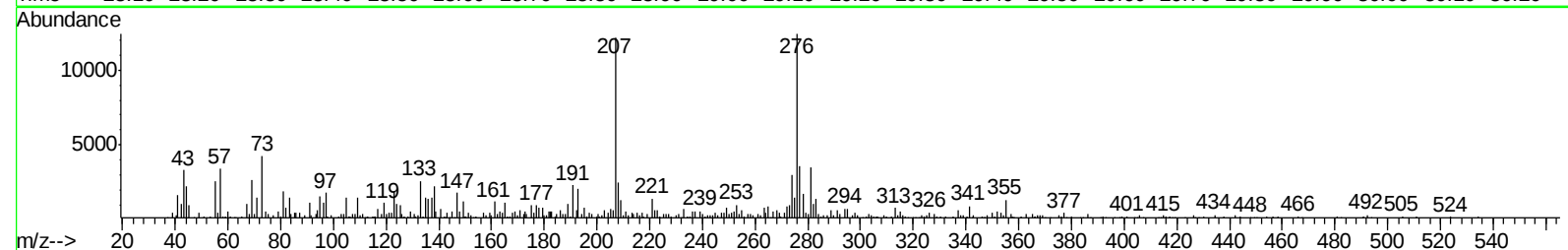
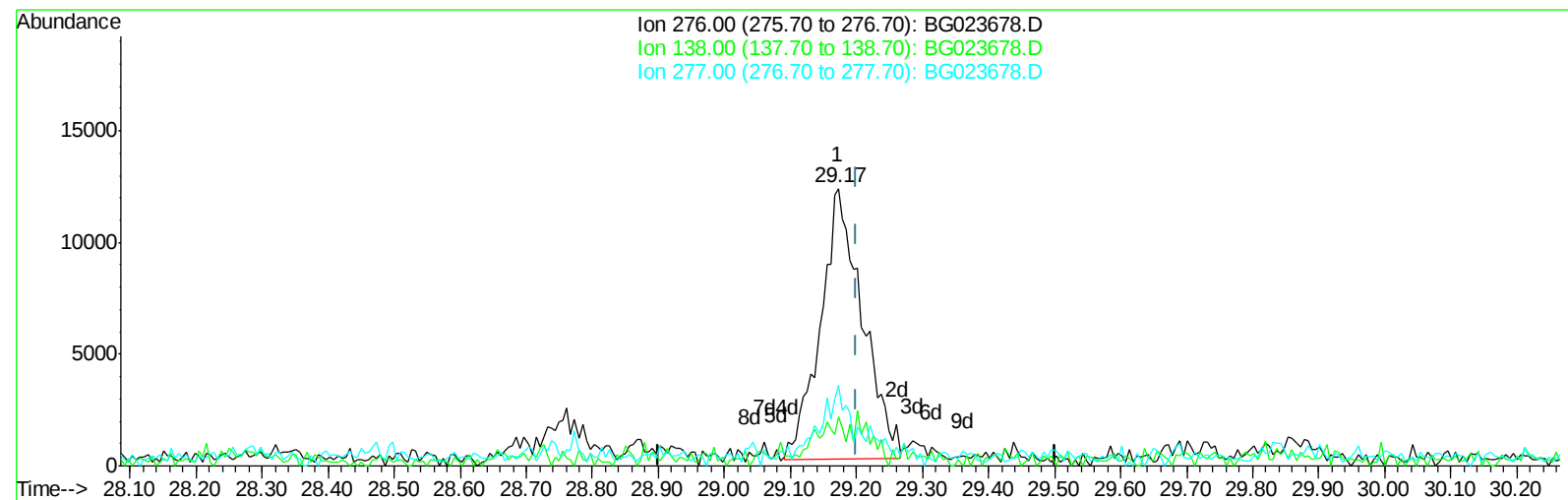
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023678.D
Acq On : 13 Aug 2016 5:46
Operator : UM/SJ
Sample : H4360-21DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-0612-01DL

Manual Integrations
APPROVED

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TIC: BG023678.D

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

29.173min (-0.028) 1.09ng/ul m

response 53543

Ion	Exp%	Act%
276.00	100	100
138.00	26.00	17.96#
277.00	22.00	28.92#
0.00	0.00	0.00

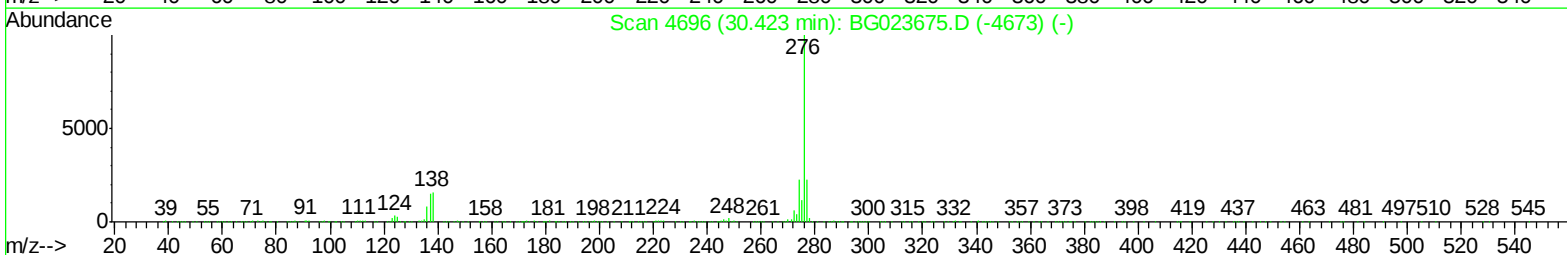
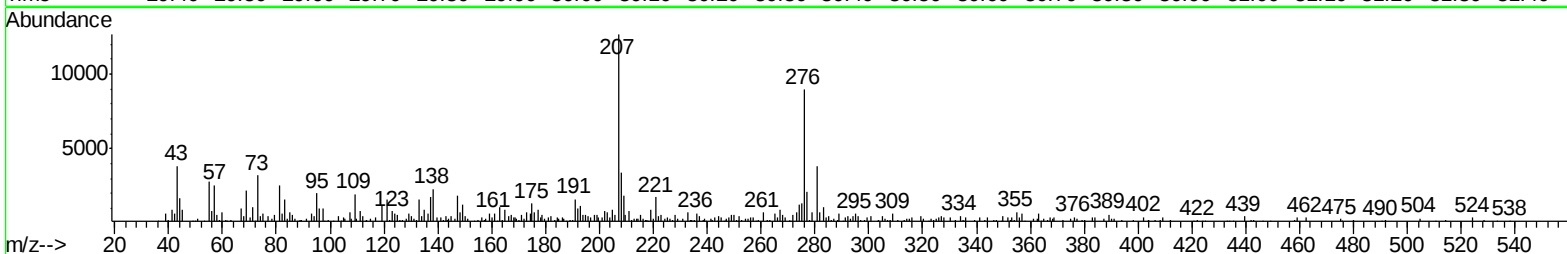
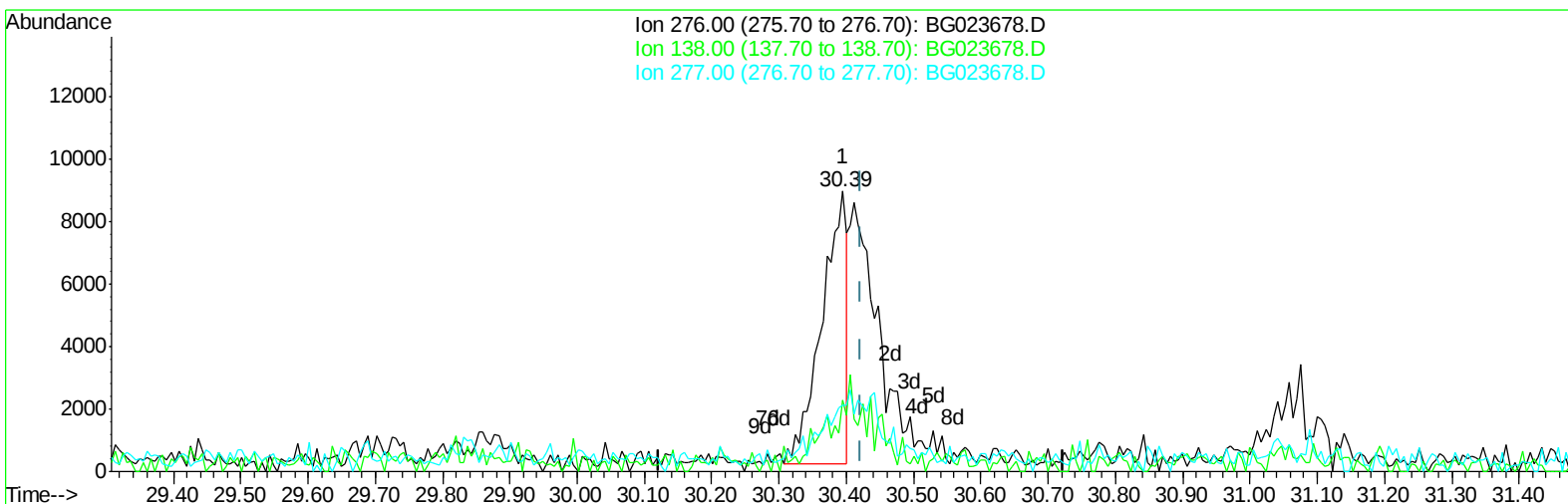
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Sample : H4360-21DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

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Manual Integrations
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TIC: BG023678.D

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

30.395min (-0.028) 0.56ng/ul

response 22563

Ion	Exp%	Act%
276.00	100	100
138.00	27.60	25.57
277.00	21.20	23.58
0.00	0.00	0.00

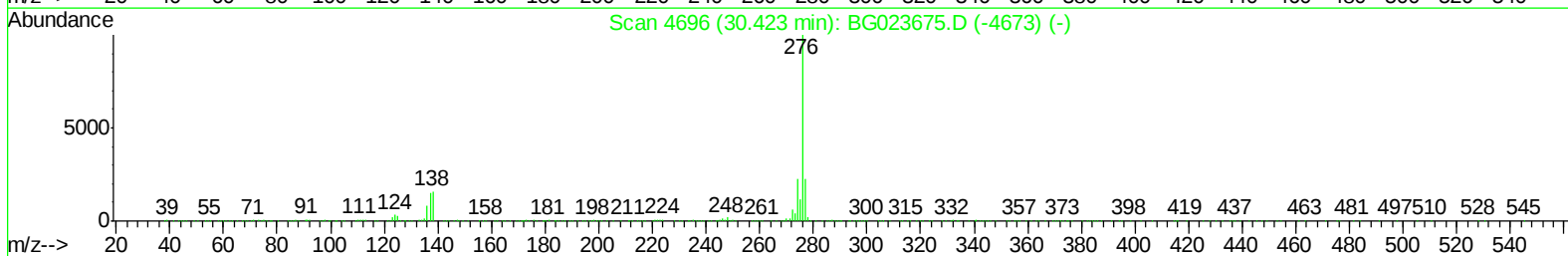
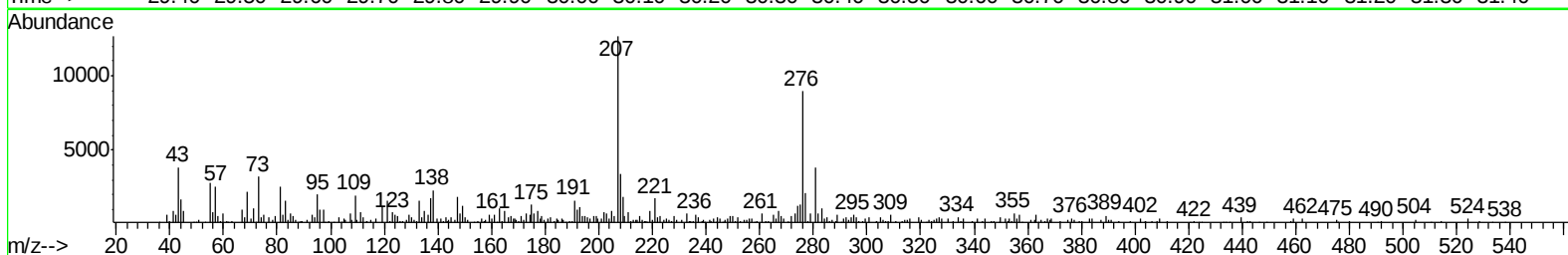
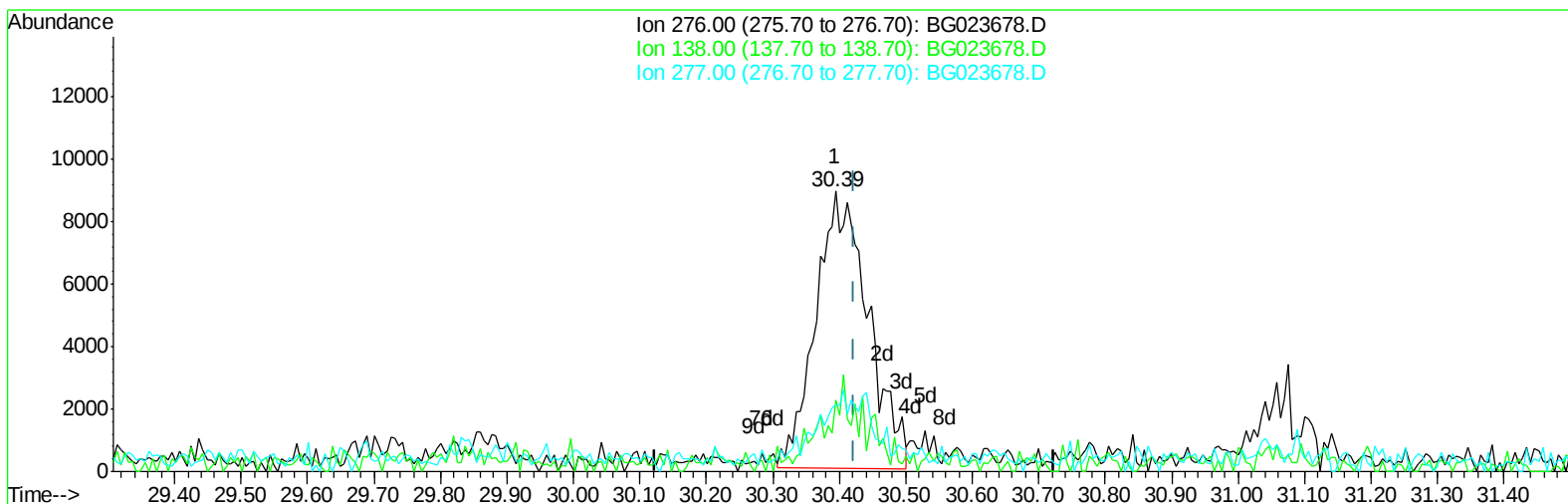
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Data File : BG023678.D
Acq On : 13 Aug 2016 5:46
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Sample : H4360-21DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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Manual Integrations
APPROVED

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TIC: BG023678.D

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

30.395min (-0.028) 1.19ng/ul m

response 48480

Ion	Exp%	Act%
276.00	100	100
138.00	27.60	25.57
277.00	21.20	23.58
0.00	0.00	0.00

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 Misc :
 ALS Vial : 31 Sample Multiplier: 1

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Manual Integrations
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Quant Time: Aug 13 07:23:55 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 13 06:38:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	101121	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	464735	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	327590	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	779972	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	759177	20.00	ng/ul	0.00
83) Perylene-d12	25.28	264	759135	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	122	0.05	ng/uL	0.00
5) Phenol-d5	7.27	99	7820	0.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	395	0.06	ng/ul	0.04
9) 2-Chlorophenol-d4	7.64	132	11000	1.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.84	113	3539	0.45	ng/ul	0.01
19) Nitrobenzene-d5	9.30	128	7387	2.02	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	7676	1.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	61	0.01	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.10	131	7186	0.77	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	63564	2.37	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	73883	2.45	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	1162	0.25	ng/ul	0.06
57) Fluorene-d10	15.78	176	61556	2.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.93	200	1682	0.34	ng/ul	0.01
70) Anthracene-d10	17.65	188	90308	2.57	ng/ul	0.00
76) Pyrene-d10	19.94	212	97103	2.53	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.04	264	83186	2.42	ng/ul	0.00

Target Compounds

						Qvalue
69) Phenanthrene	17.59	178	153928	3.81	ng/ul	99
74) Fluoranthene	19.61	202	207221	5.01	ng/ul#	89
77) Pyrene	19.97	202	221286m	4.72	ng/ul	
80) Benzo(a)anthracene	21.85	228	97743	2.29	ng/ul#	91
81) Bis(2-ethylhexyl)phthalate	21.73	149	1576600	65.87	ng/ul#	94
82) Chrysene	21.92	228	97218	2.50	ng/ul#	91
85) Benzo(b)fluoranthene	24.19	252	99988	2.32	ng/ul#	92
86) Benzo(k)fluoranthene	24.26	252	46913m	1.10	ng/ul	
88) Benzo(a)pyrene	25.11	252	81271	1.95	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	29.17	276	53543m	1.09	ng/ul	
91) Benzo(g,h,i)perylene	30.39	276	48480m	1.19	ng/ul	

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

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