

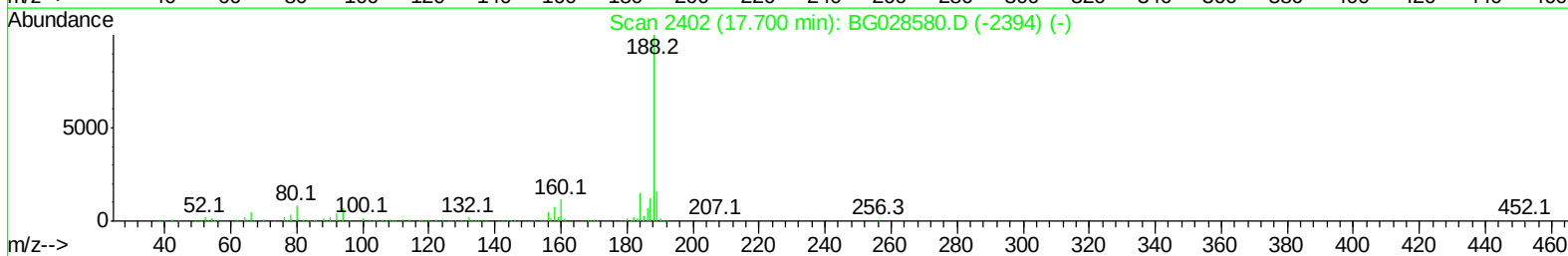
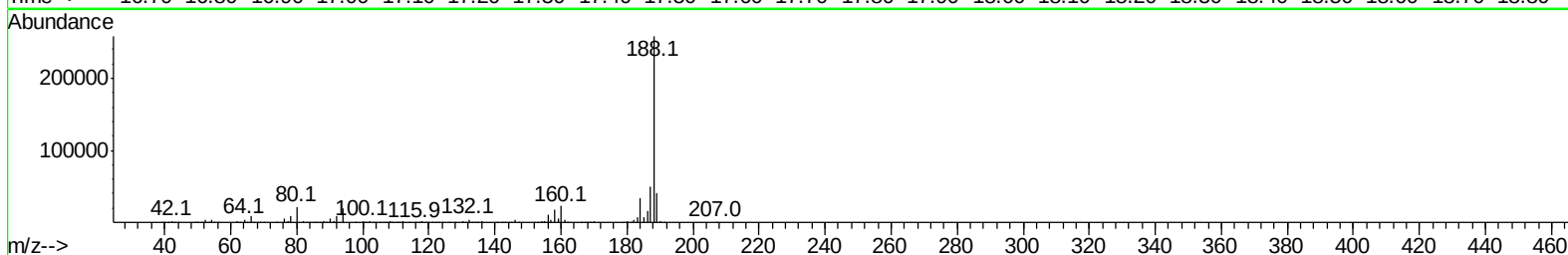
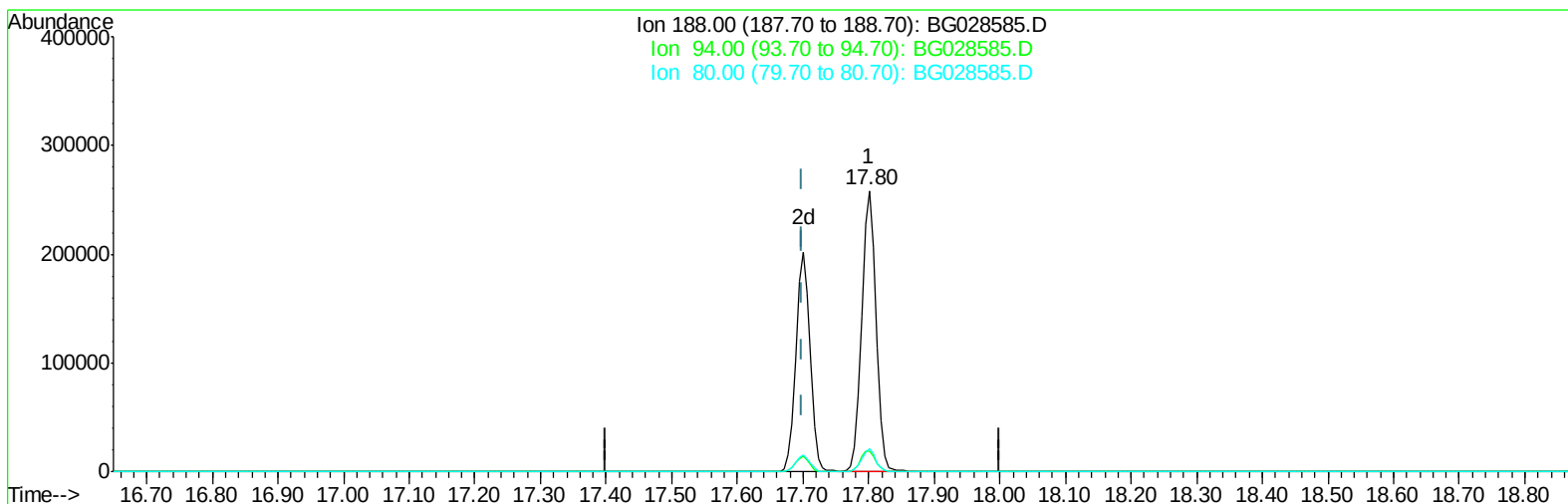
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG090617\
Data File : BG028585.D
Acq On : 6 Sep 2017 16:47
Operator : SJ/JU
Sample : I5097-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDZS7

Manual Integrations
APPROVED

Sohil
9/7/2017 10:42:24 AM

Quant Time: Sep 07 02:24:40 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 07 02:23:39 2017
Response via : Initial Calibration



TIC: BG028585.D

(61) Phenanthrene-d10 (I)

17.801min (+0.100) 20.00ng/ul

response 393097

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	7.27
80.00	9.50	8.38
0.00	0.00	0.00

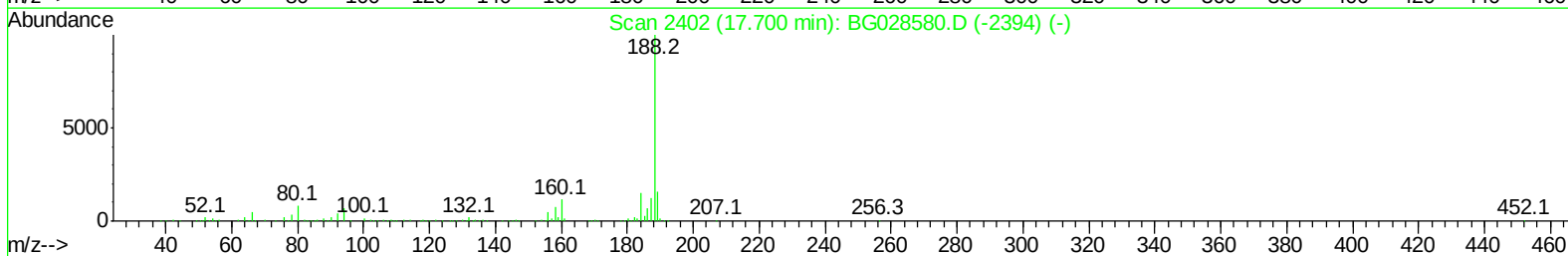
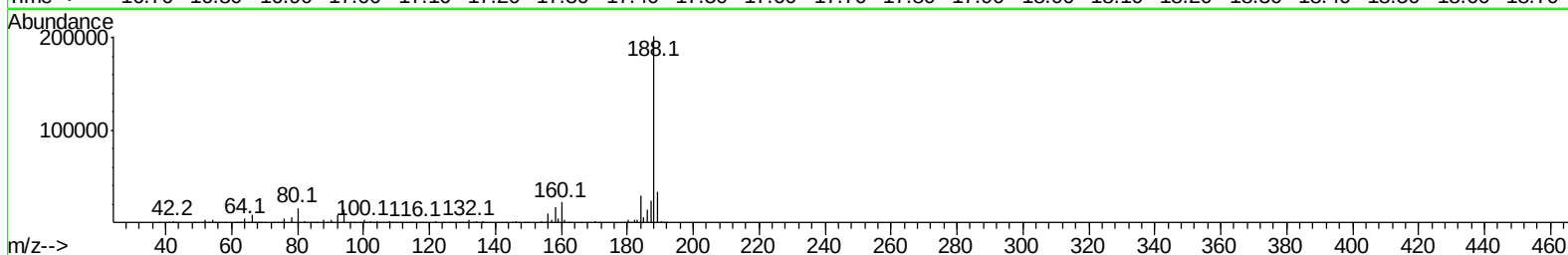
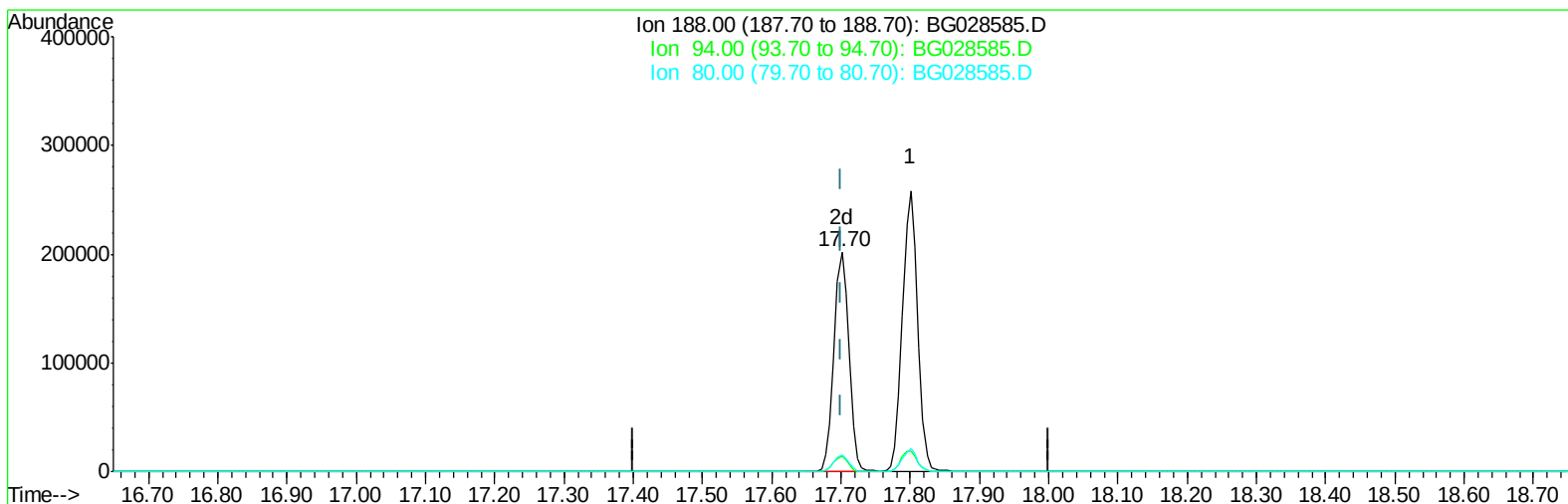
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG090617\
Data File : BG028585.D
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Instrument :
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ClientSampleId :
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TIC: BG028585.D

(61) Phenanthrene-d10 (I)

17.701min (+0.001) 20.00ng/ul m

response 305445

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	6.89#
80.00	9.50	7.76
0.00	0.00	0.00

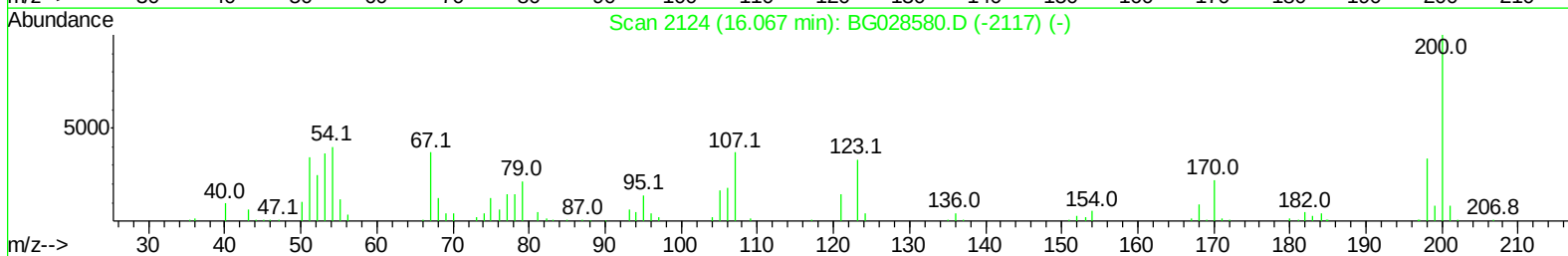
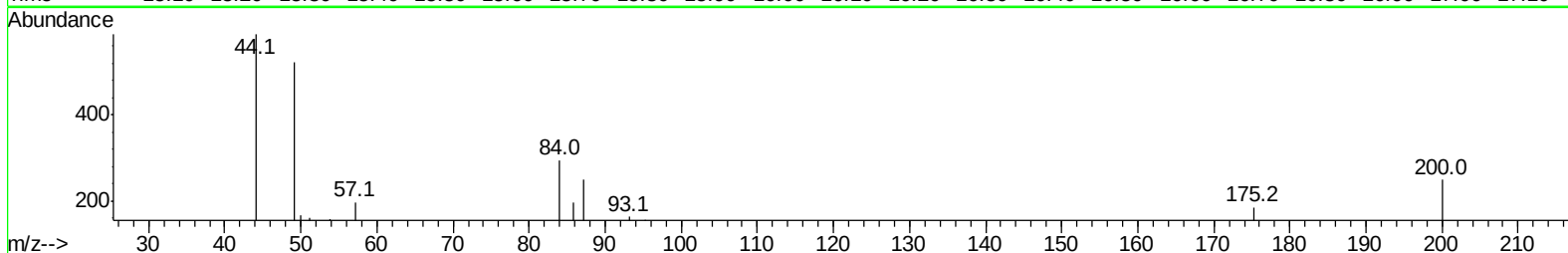
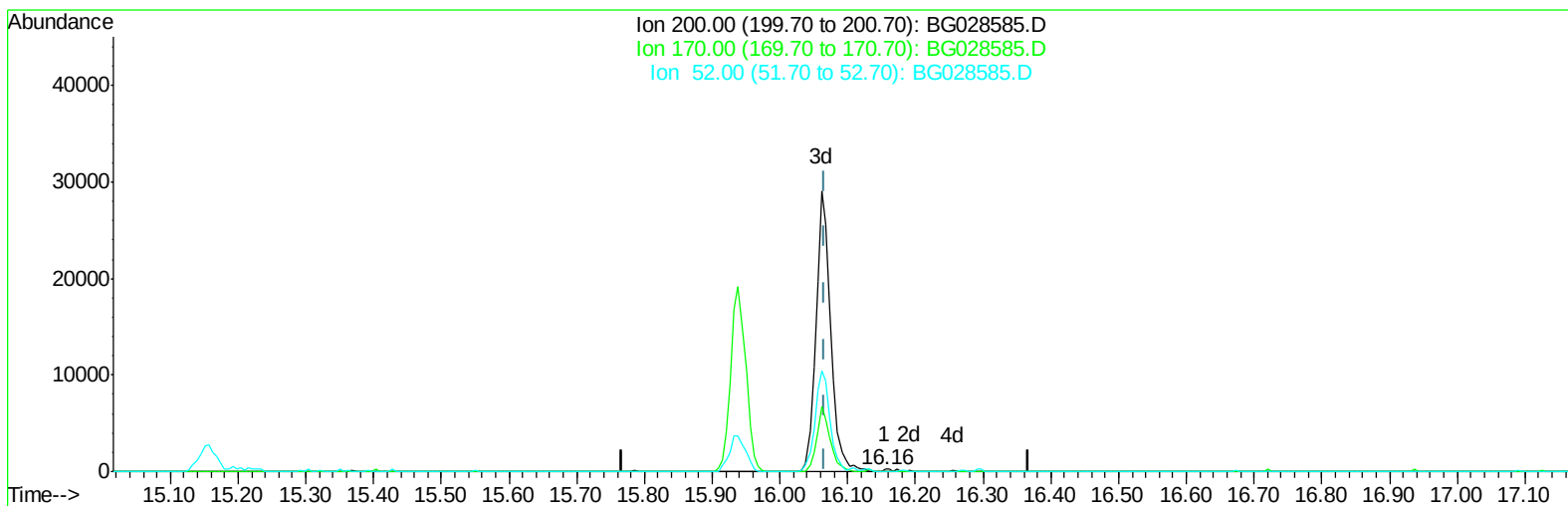
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG090617\
Data File : BG028585.D
Acq On : 6 Sep 2017 16:47
Operator : SJ/JU
Sample : I5097-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDZS7

Manual Integrations
APPROVED

Sohil
9/7/2017 10:42:24 AM

Quant Time: Sep 07 03:42:36 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 07 02:23:39 2017
Response via : Initial Calibration



TIC: BG028585.D

(62) 4,6-Dinitro-2-methylphenol-d2 (S)

16.156min (+0.089) 0.08ng/ul

response 163

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	0.00#
52.00	47.20	0.00#
0.00	0.00	0.00

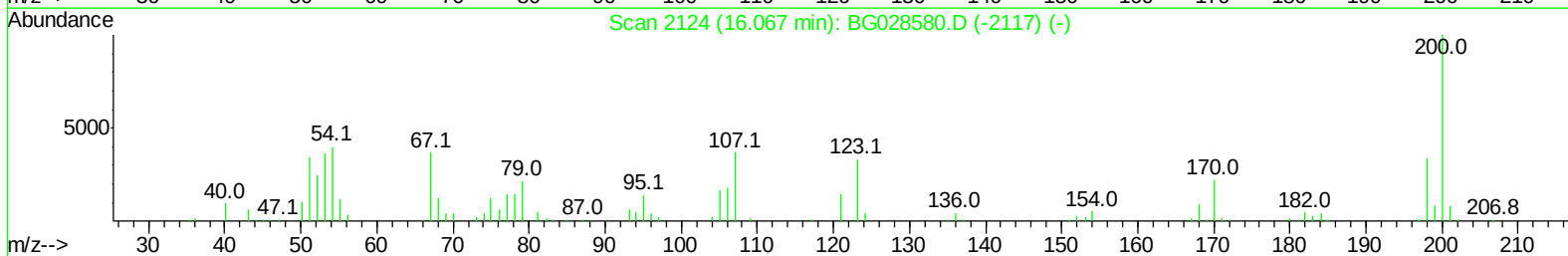
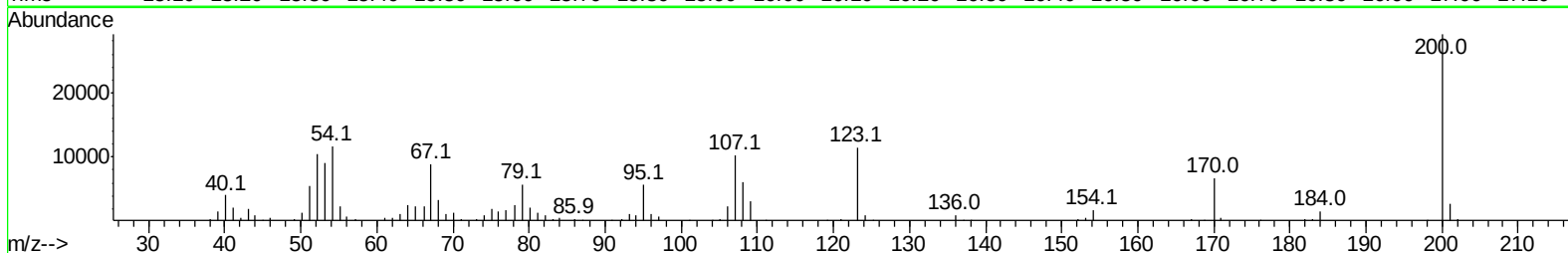
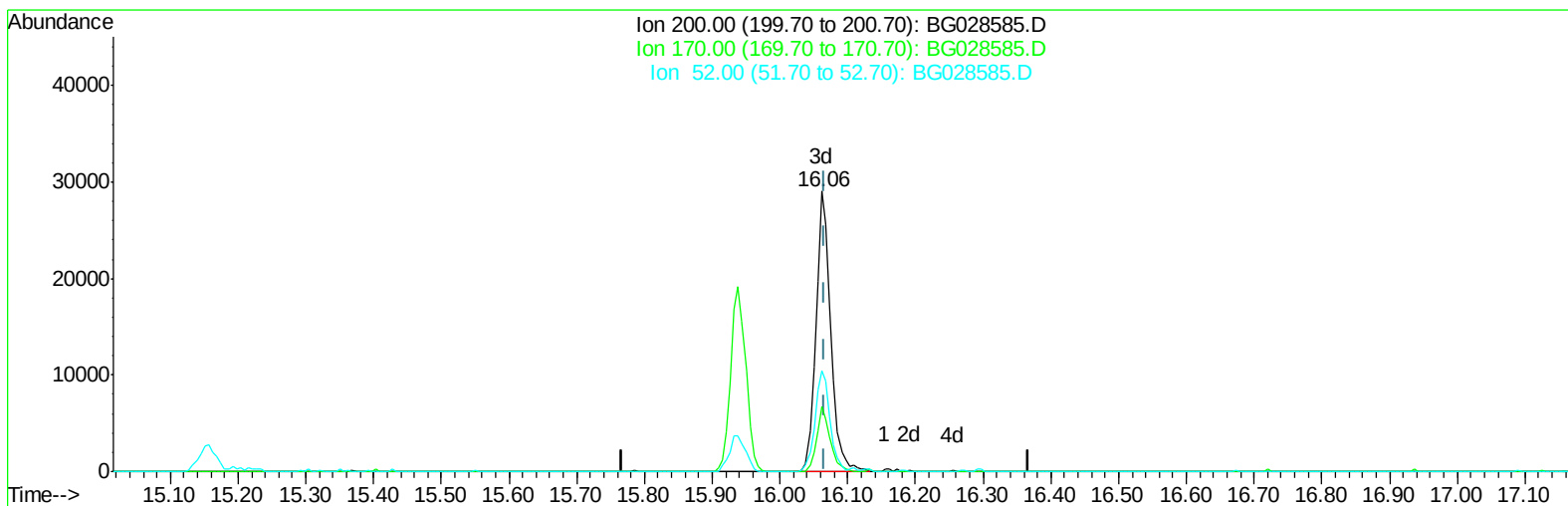
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG090617\
Data File : BG028585.D
Acq On : 6 Sep 2017 16:47
Operator : SJ/JU
Sample : I5097-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDZS7

Manual Integrations
APPROVED

Sohil
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Quant Time: Sep 07 03:42:36 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
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TIC: BG028585.D

(62) 4,6-Dinitro-2-methylphenol-d2 (S)

16.062min (-0.005) 22.52ng/ul m

response 44676

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	23.06
52.00	47.20	35.77#
0.00	0.00	0.00

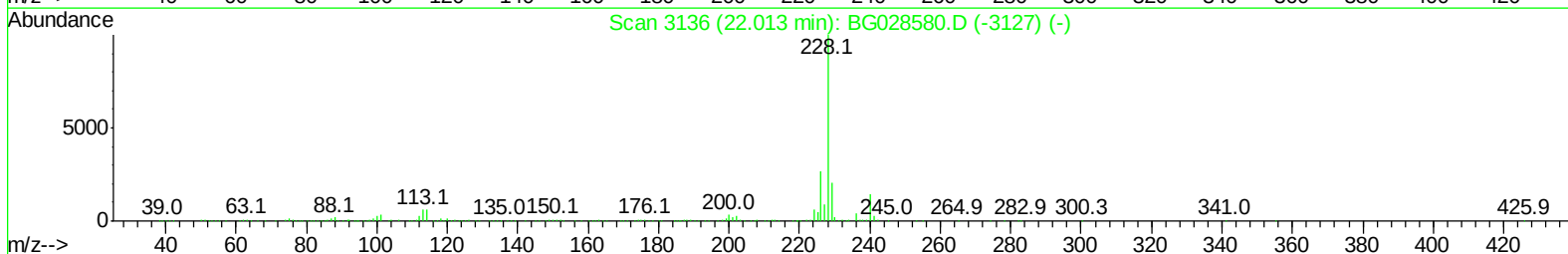
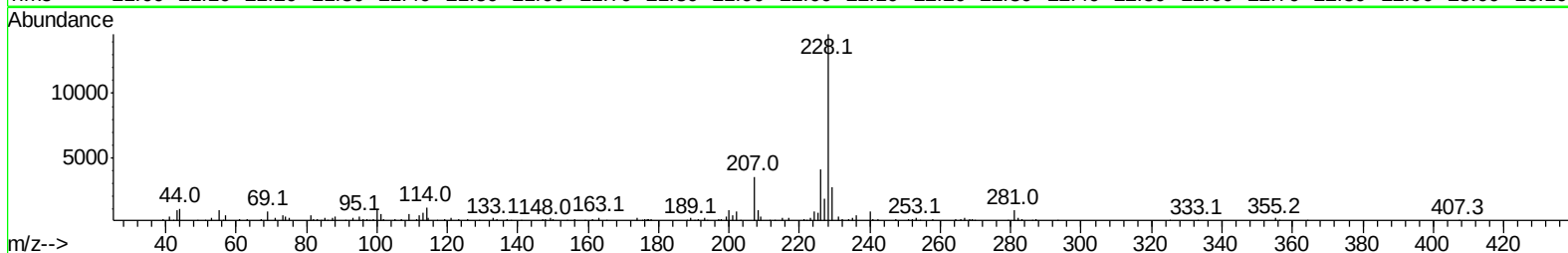
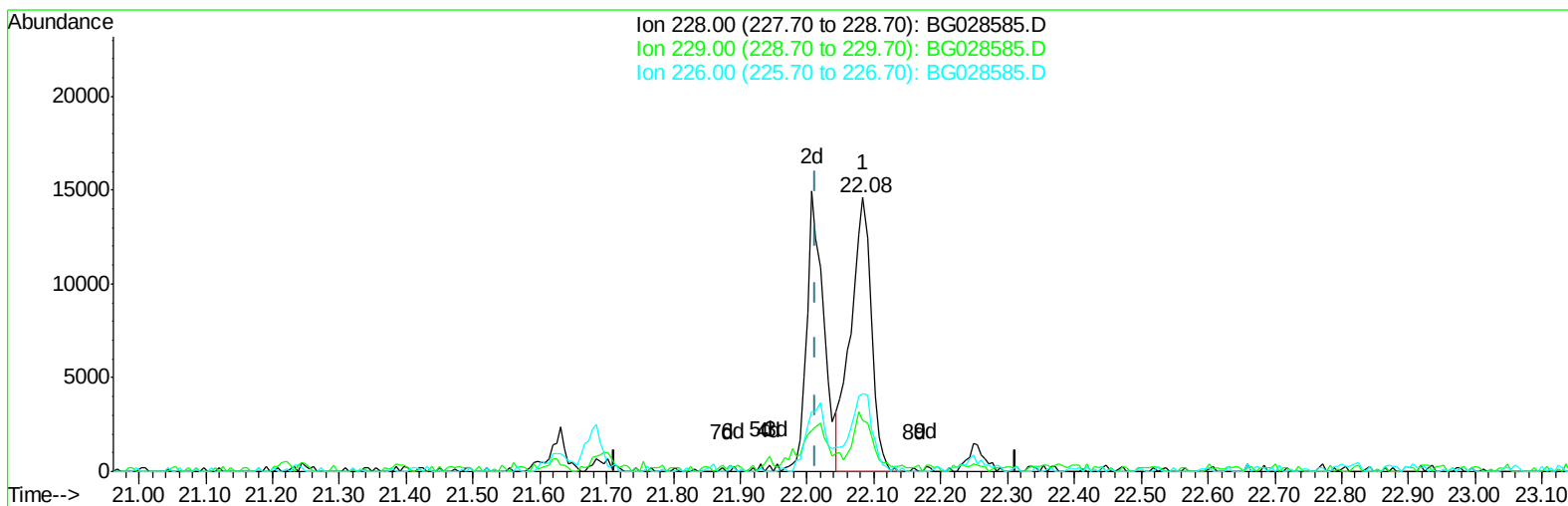
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG090617\
Data File : BG028585.D
Acq On : 6 Sep 2017 16:47
Operator : SJ/JU
Sample : I5097-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDZS7

Manual Integrations
APPROVED

Sohil
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TIC: BG028585.D

(80) Benzo(a)anthracene
22.084min (+0.071) 1.56ng/ul
response 30887

Ion	Exp%	Act%
228.00	100	100
229.00	20.40	18.69
226.00	27.40	28.27
0.00	0.00	0.00

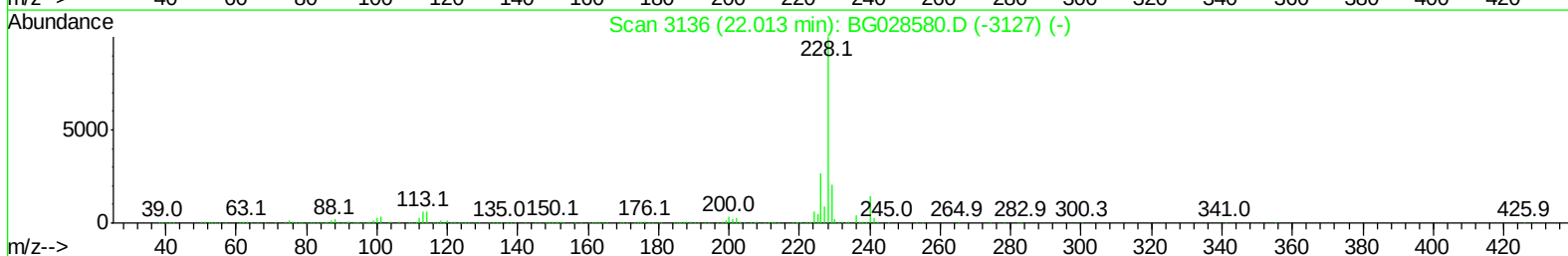
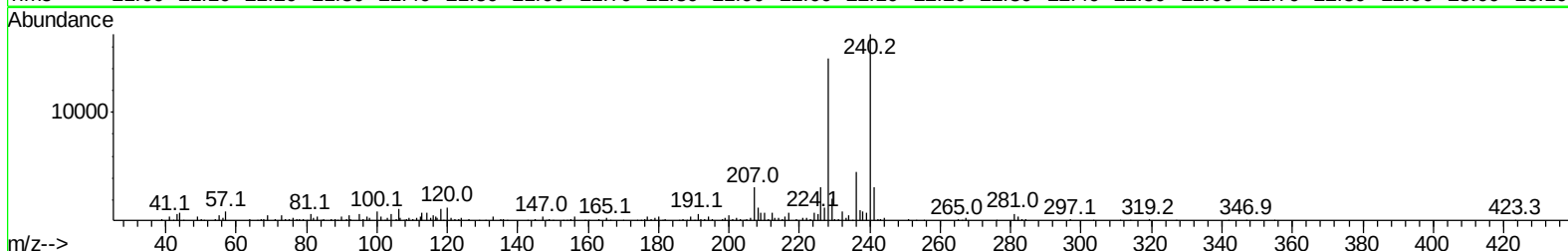
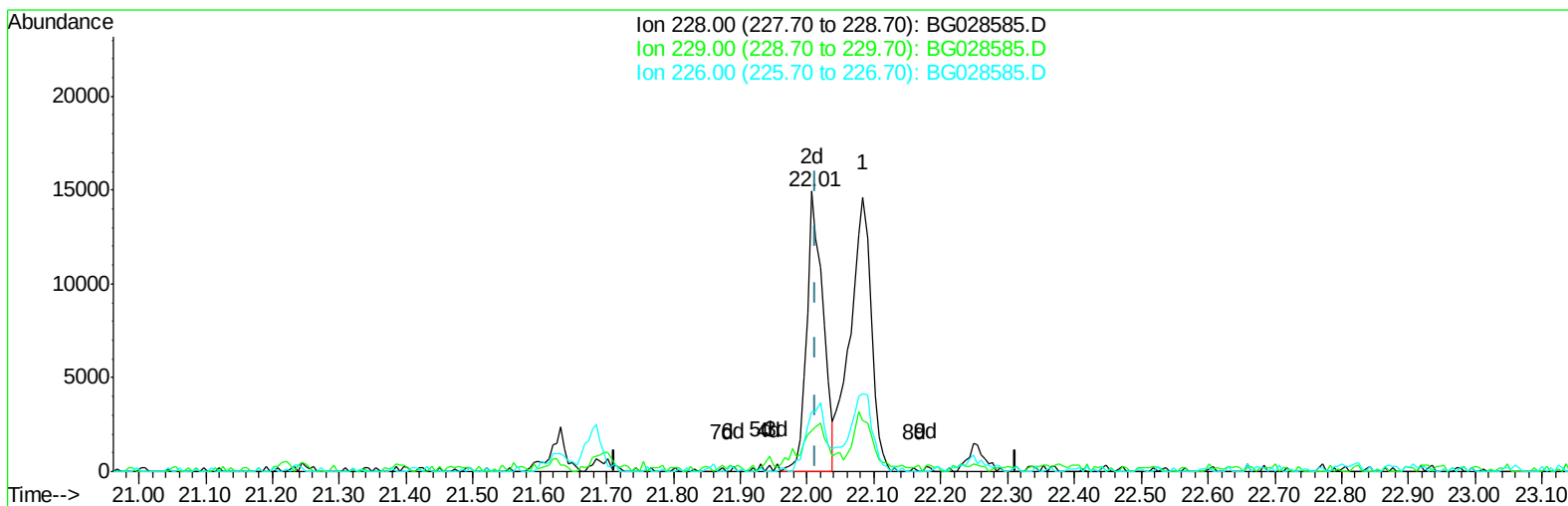
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG090617\
Data File : BG028585.D
Acq On : 6 Sep 2017 16:47
Operator : SJ/JU
Sample : I5097-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDZS7

Manual Integrations
APPROVED

Sohil
9/7/2017 10:42:24 AM

Quant Time: Sep 07 03:42:36 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration



TIC: BG028585.D

(80) Benzo(a)anthracene

22.008min (-0.005) 1.25ng/ul m

response 24741

Ion	Exp%	Act%
228.00	100	100
229.00	20.40	14.61#
226.00	27.40	21.29#
0.00	0.00	0.00

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG090617\
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 Operator : SJ/JU
 Sample : I5097-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 BDZS7

Manual Integrations
 APPROVED

Sohil
 9/7/2017 10:42:24 AM

Quant Time: Sep 07 03:43:32 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 07 02:23:39 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	44121	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	184664	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	123499	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	305445m	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	342458	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	339648	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.82	96	4141	4.37	ng/uL	0.00
5) Phenol-d5	7.50	99	95952	19.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	61965	20.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	72441	23.70	ng/ul	0.00
13) 4-Methylphenol-d8	9.03	113	80256	19.82	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	35637	24.68	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	44005	27.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	82196	25.09	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	74319	20.38	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	273384	24.89	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	322410	26.03	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	33782	19.34	ng/ul	0.00
57) Fluorene-d10	15.94	176	236249	23.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	44676m	22.52	ng/ul	0.00
70) Anthracene-d10	17.80	188	393097	26.84	ng/ul	0.00
76) Pyrene-d10	20.07	212	455816	25.96	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	420810	26.47	ng/ul	0.00

Target Compounds

					Ovalue	
44) Dimethylphthalate	14.38	163	101884	10.074	ng/ul	96
74) Fluoranthene	19.74	202	52292	2.799	ng/ul	99
77) Pyrene	20.10	202	45651	2.234	ng/ul#	95
80) Benzo(a)anthracene	22.01	228	24741m	1.250	ng/ul	
82) Chrysene	22.08	228	30887	1.733	ng/ul	96
85) Benzo(b)fluoranthene	24.42	252	45382	2.233	ng/ul#	92
88) Benzo(a)pyrene	25.37	252	29178	1.483	ng/ul#	92

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

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