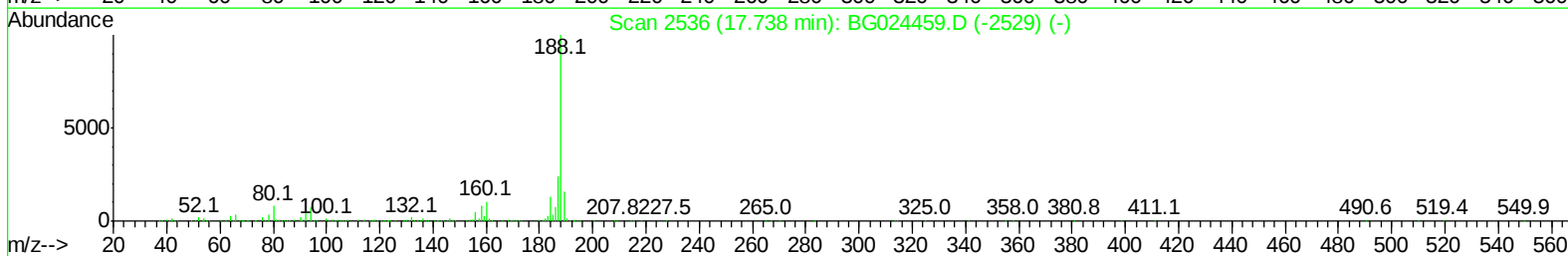
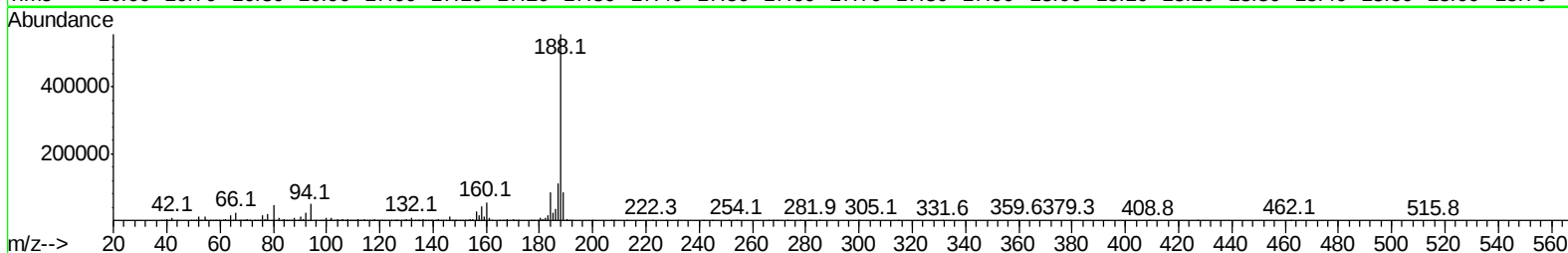
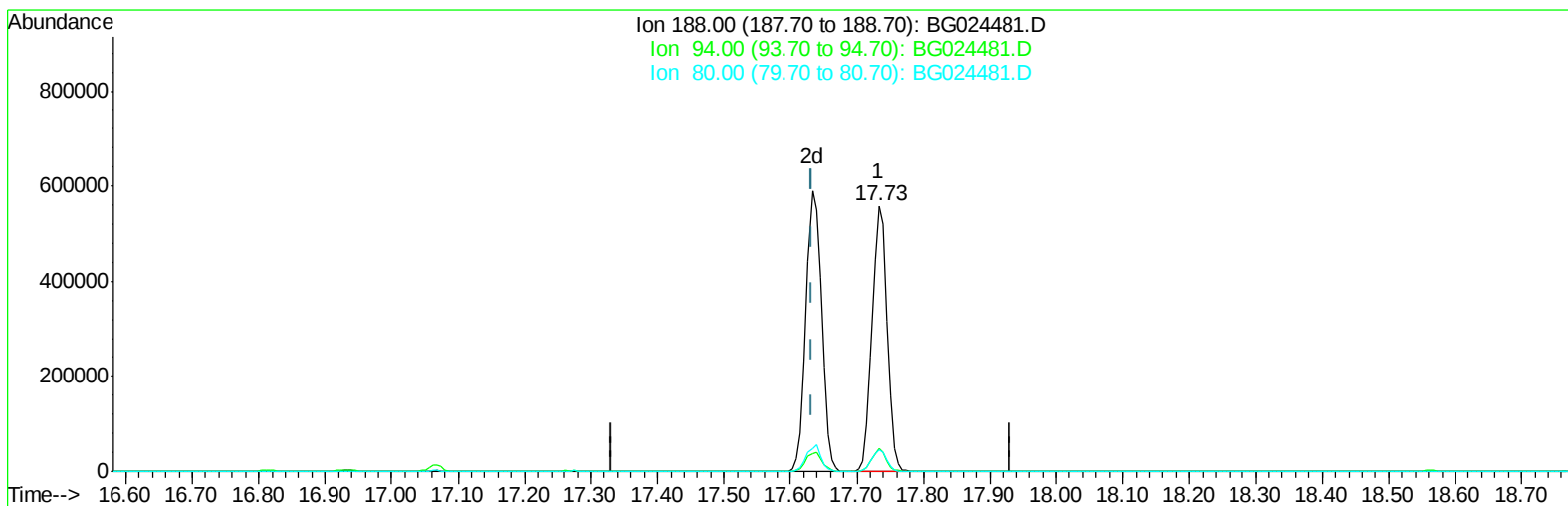


Data Path : Z:\HPCHEM1\BNA G\Data\BG102016\
Data File : BG024481.D
Acq On : 21 Oct 2016 3:02
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 21 08:57:31 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102016-MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 21 08:52:07 2016
Response via : Initial Calibration



TIC: BG024481.D

(18) Phenanthrene-d10 (I)

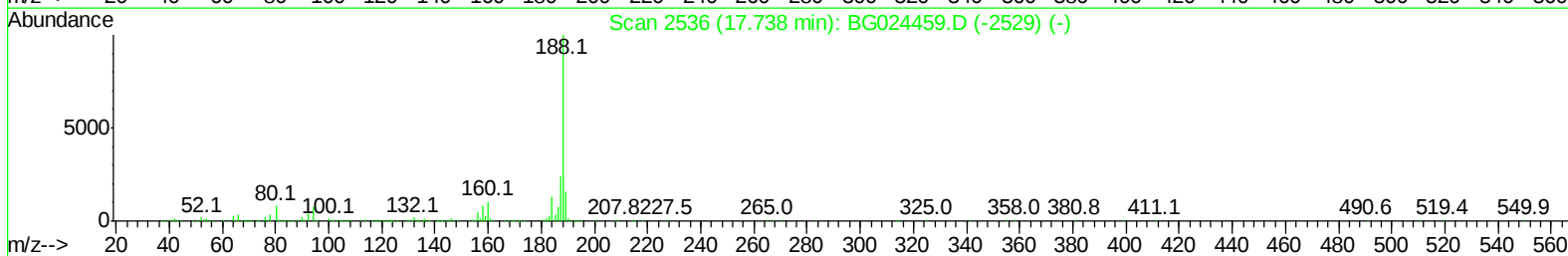
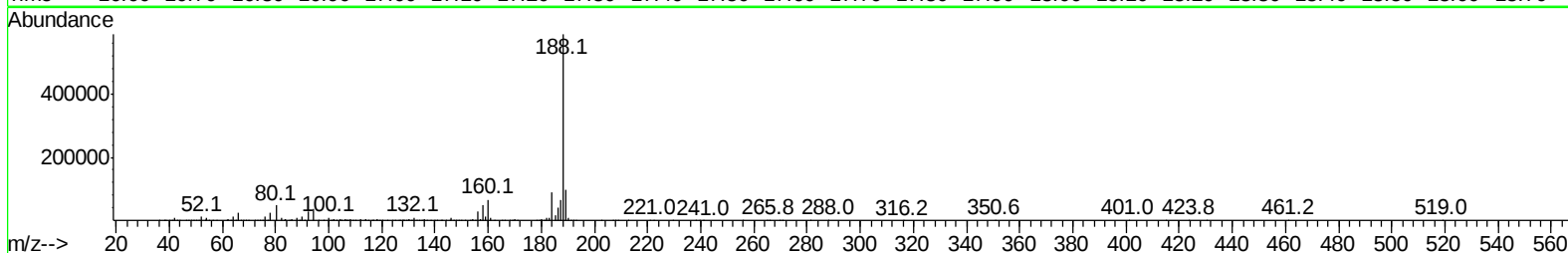
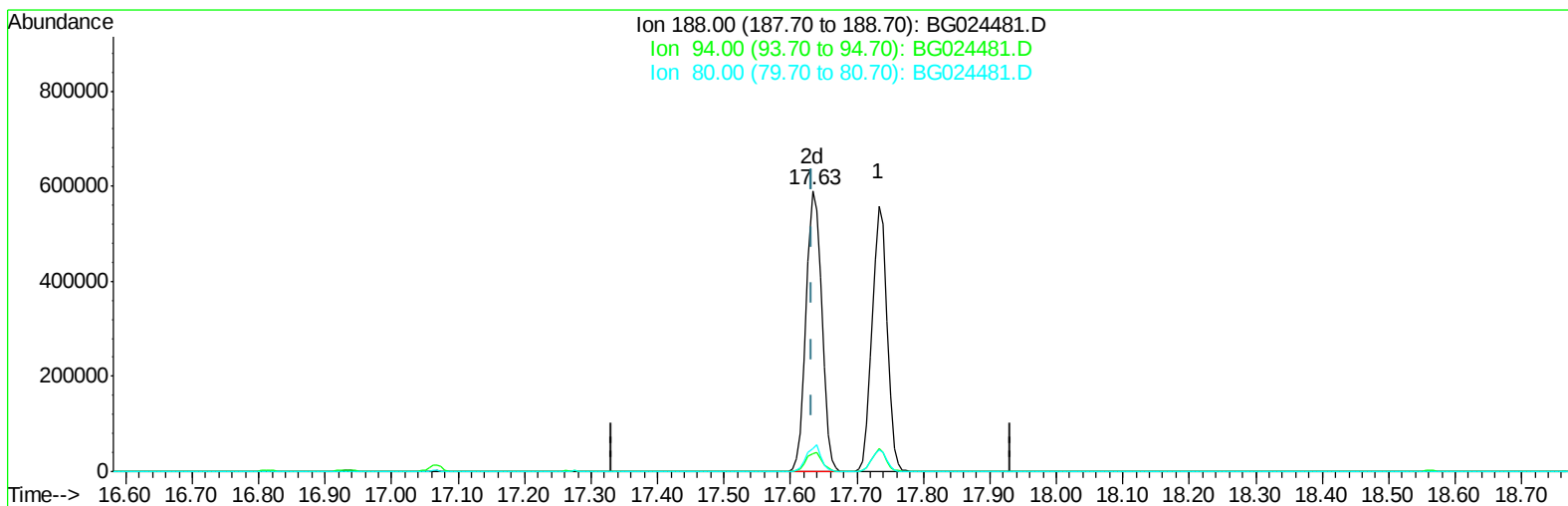
17.733min (+0.100) 20.00ng/ul

response 858394

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	8.84
80.00	9.70	8.29
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\Data\BG102016\
Data File : BG024481.D
Acq On : 21 Oct 2016 3:02
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 21 08:57:31 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102016-MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 21 08:52:07 2016
Response via : Initial Calibration



TIC: BG024481.D

(18) Phenanthrene-d10 (I)

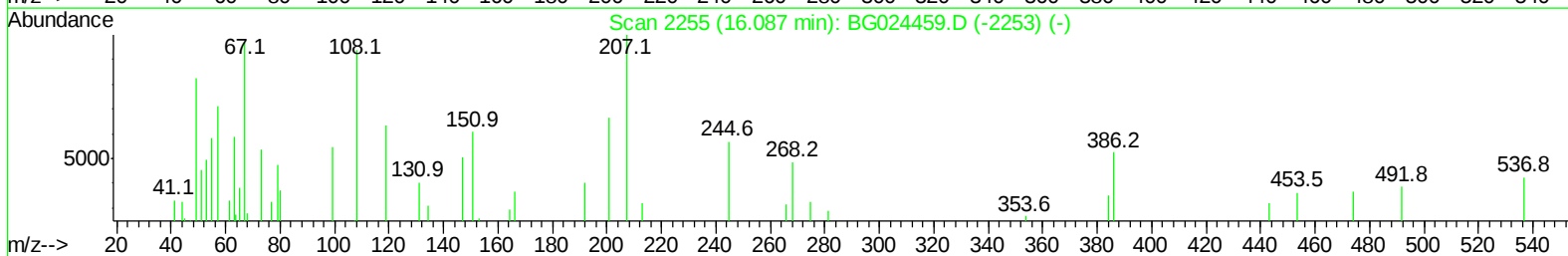
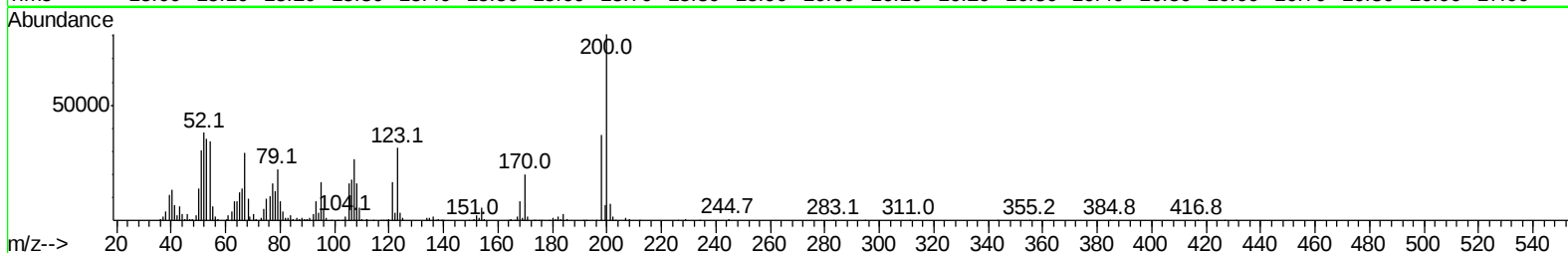
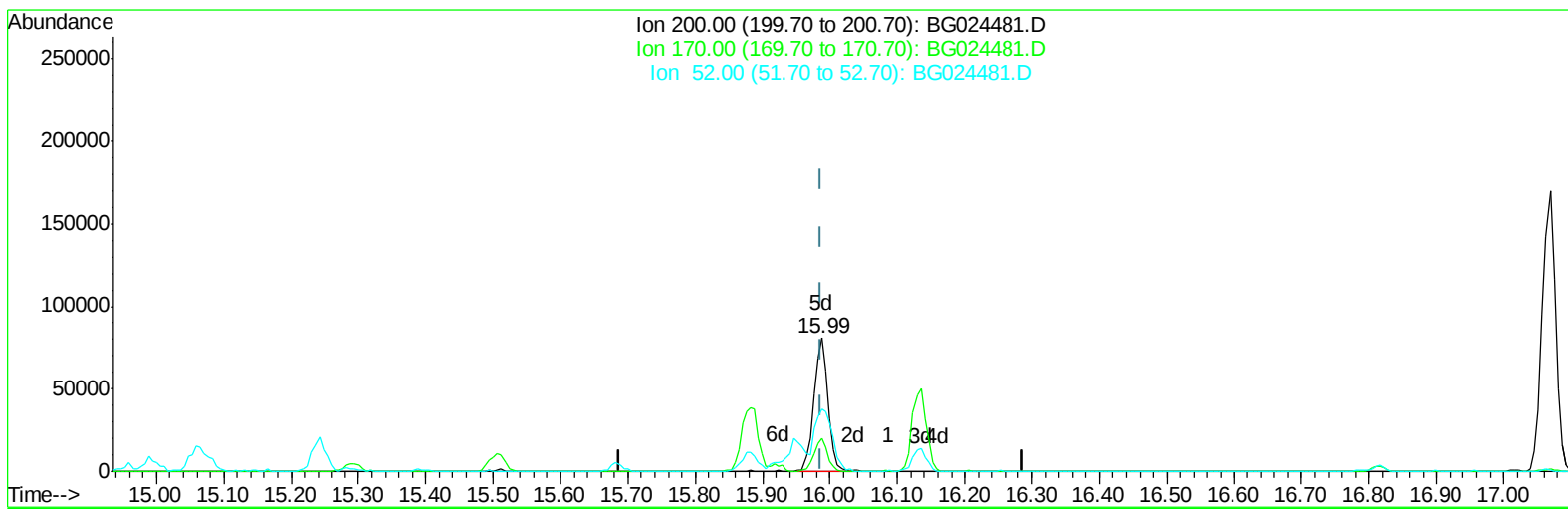
17.633min (+0.000) 20.00ng/ul m

response 939249

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	6.43#
80.00	9.70	8.19
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\Data\BG102016\
Data File : BG024481.D
Acq On : 21 Oct 2016 3:02
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 21 08:57:31 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102016-MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 21 08:52:07 2016
Response via : Initial Calibration



TIC: BG024481.D

(19) 4,6-Dinitro-2-methylphenol-d2 (S)

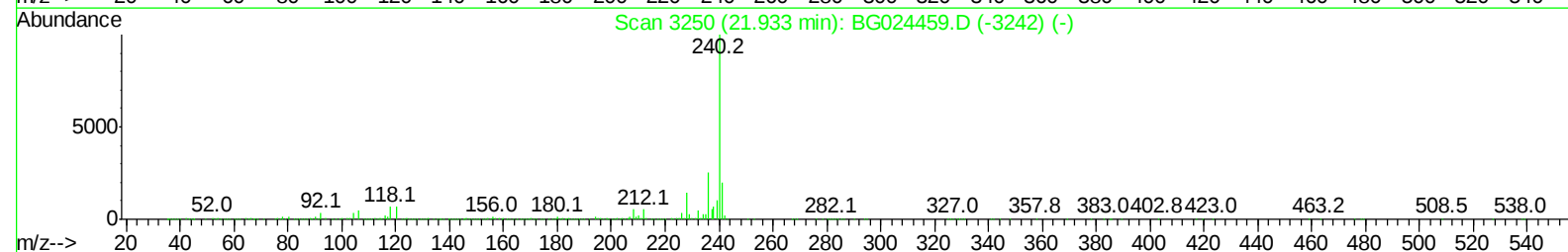
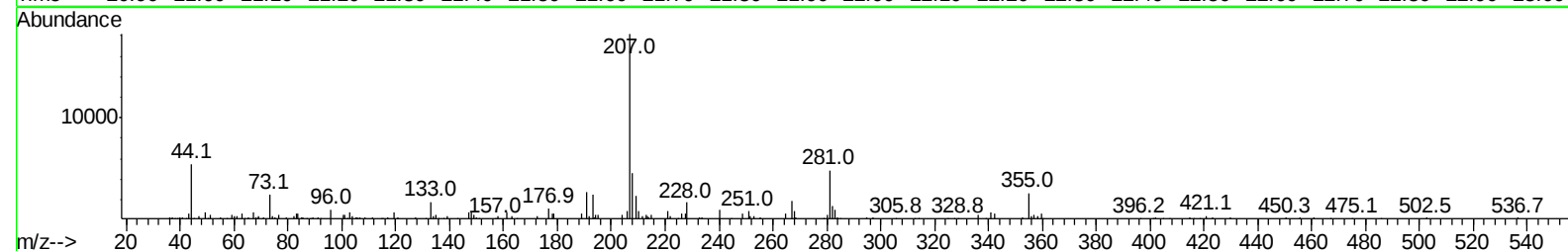
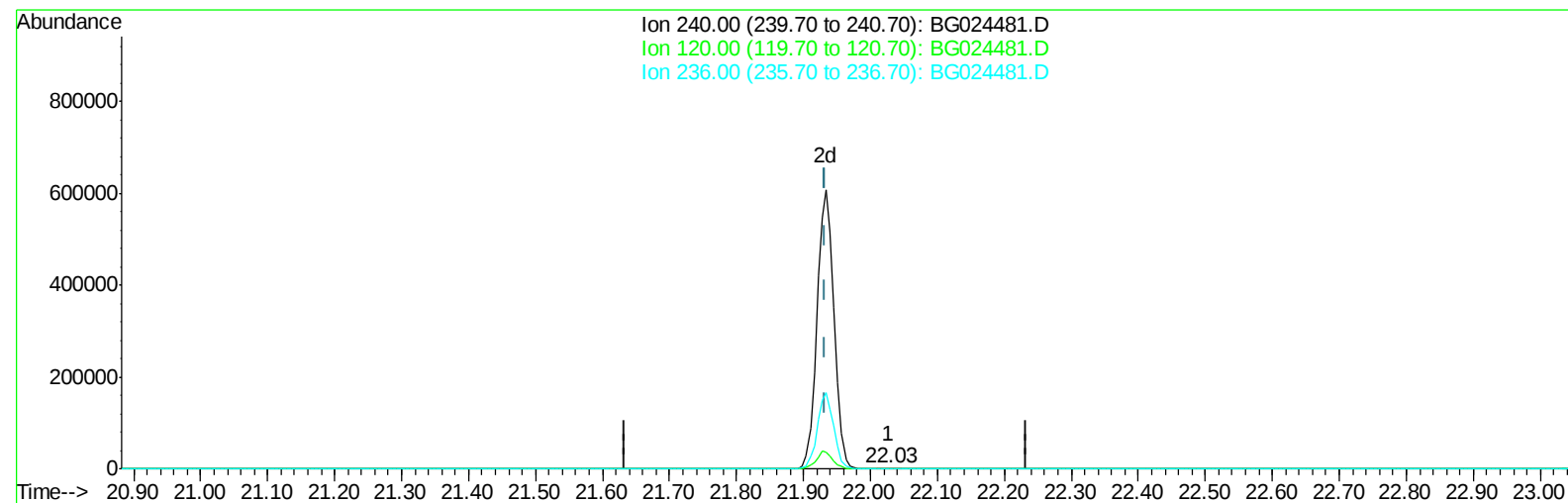
15.988min (+0.000) 21.03ng/ul m

response 119688

Ion	Exp%	Act%
200.00	100	100
170.00	22.40	25.00
52.00	33.60	47.19#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\Data\BG102016\
Data File : BG024481.D
Acq On : 21 Oct 2016 3:02
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 21 08:57:31 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102016-MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 21 08:52:07 2016
Response via : Initial Calibration



TIC: BG024481.D

(23) Chrysene-d12 (I)

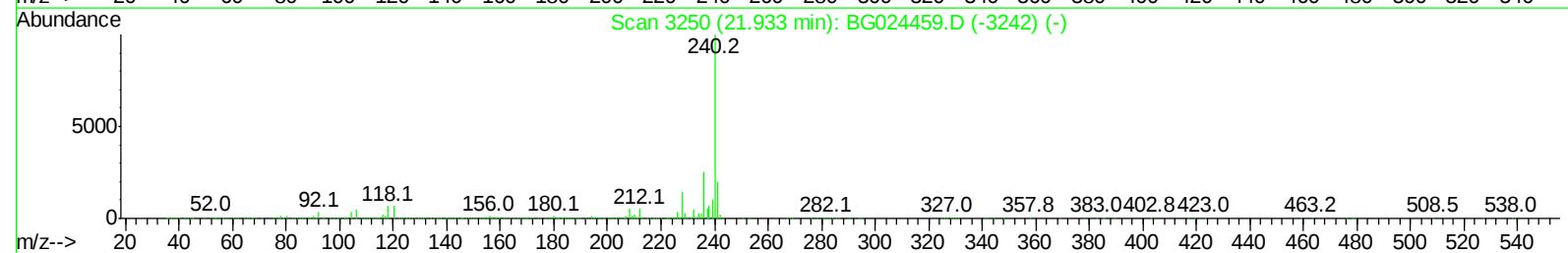
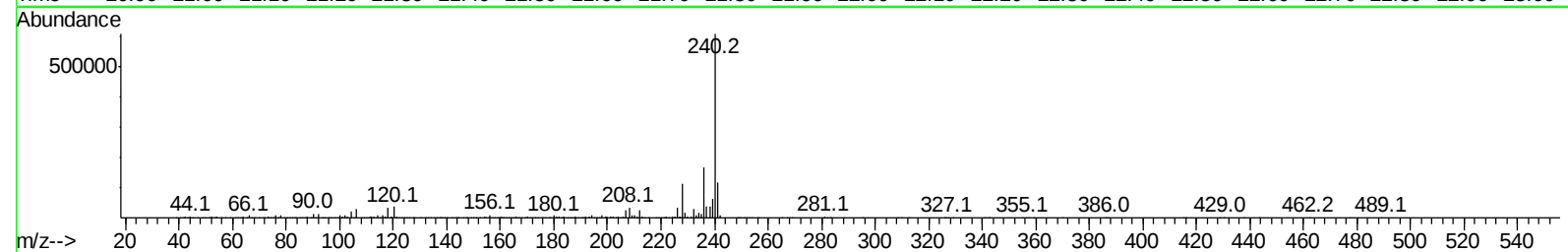
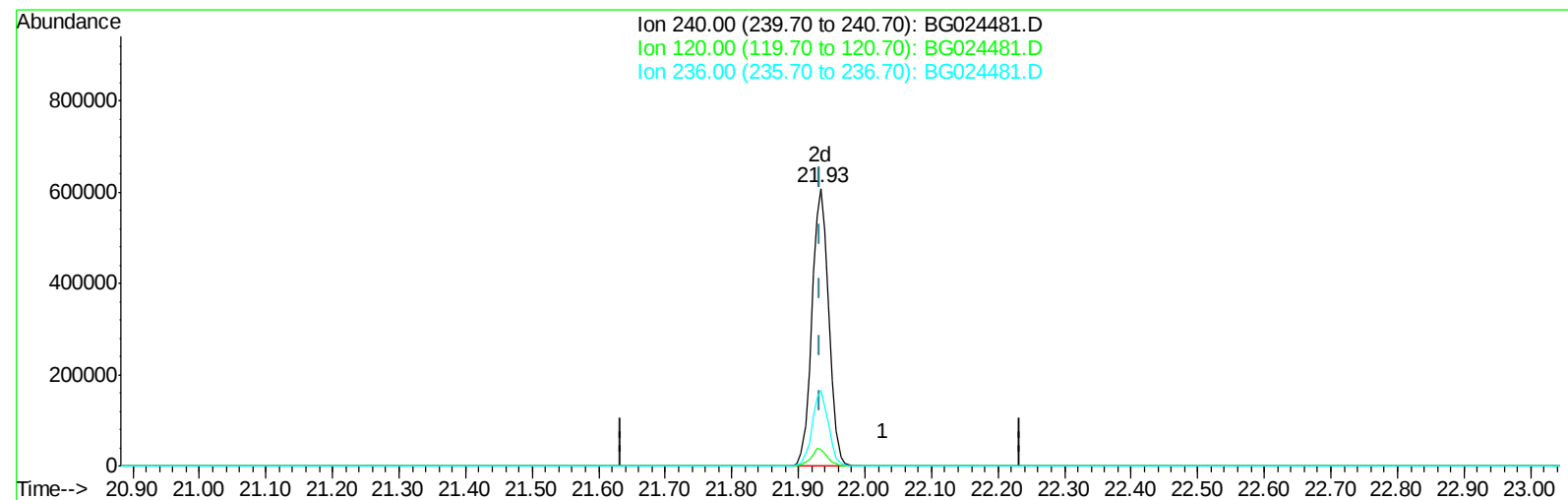
22.028min (+0.094) 20.00ng/ul

response 1183

Ion	Exp%	Act%
240.00	100	100
120.00	11.40	0.00#
236.00	26.30	0.00#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\Data\BG102016\
Data File : BG024481.D
Acq On : 21 Oct 2016 3:02
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 21 08:57:31 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102016-MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 21 08:52:07 2016
Response via : Initial Calibration



TIC: BG024481.D

(23) Chrysene-d12 (I)

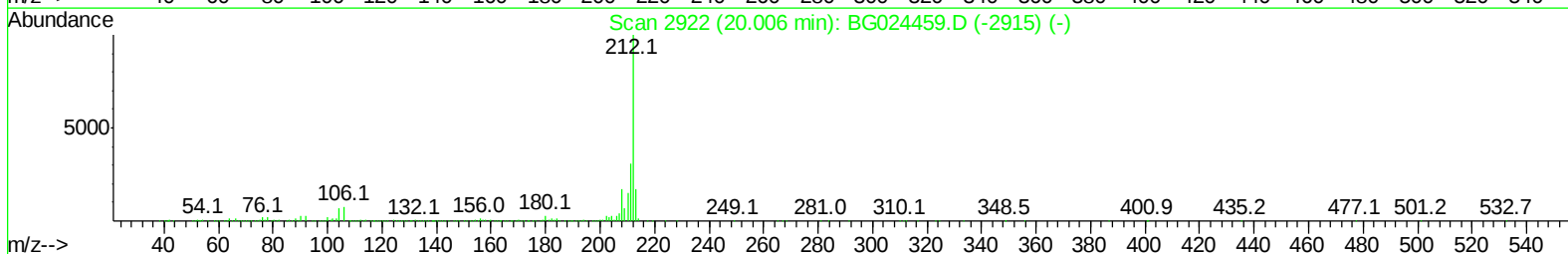
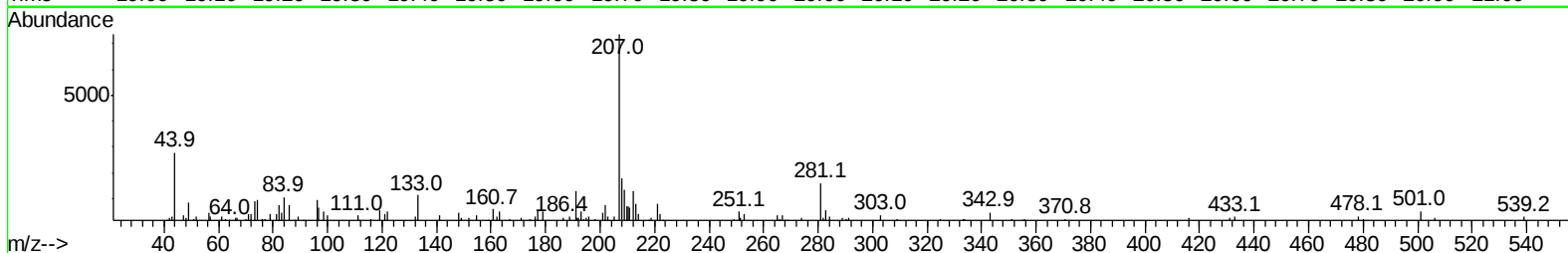
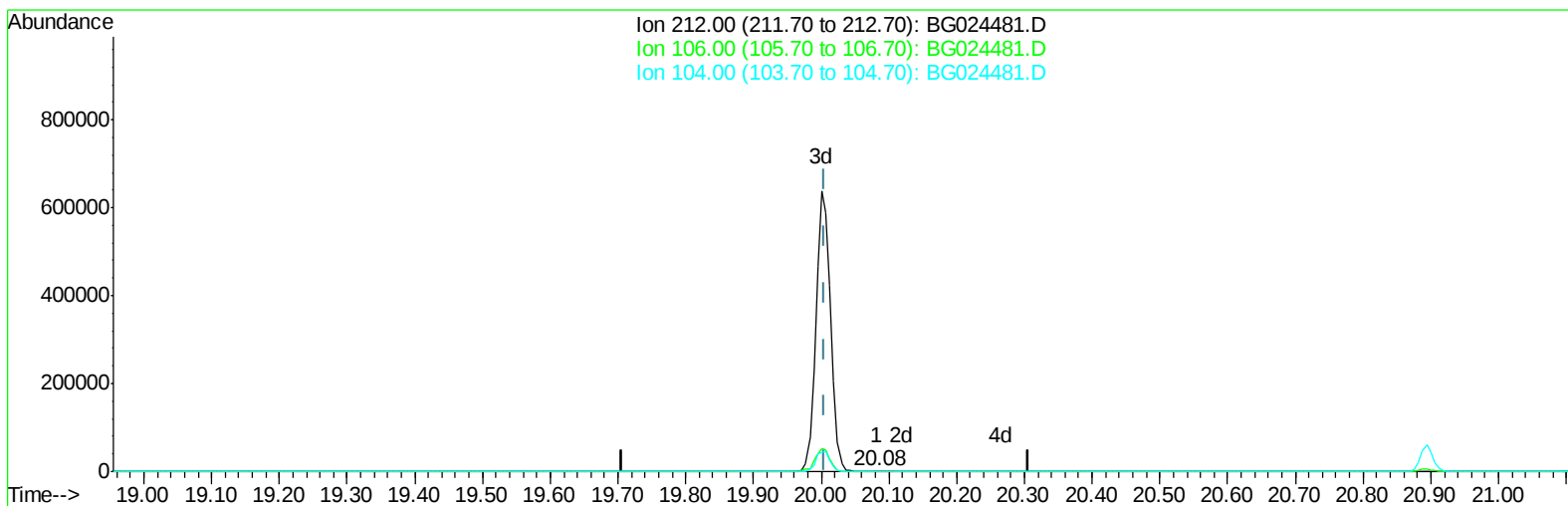
21.934min (+0.000) 20.00ng/ul m

response 1082683

Ion	Exp%	Act%
240.00	100	100
120.00	11.40	5.88#
236.00	26.30	27.18
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\Data\BG102016\
Data File : BG024481.D
Acq On : 21 Oct 2016 3:02
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 21 08:57:31 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102016-MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 21 08:52:07 2016
Response via : Initial Calibration



TIC: BG024481.D

(24) Pyrene-d10 (S)

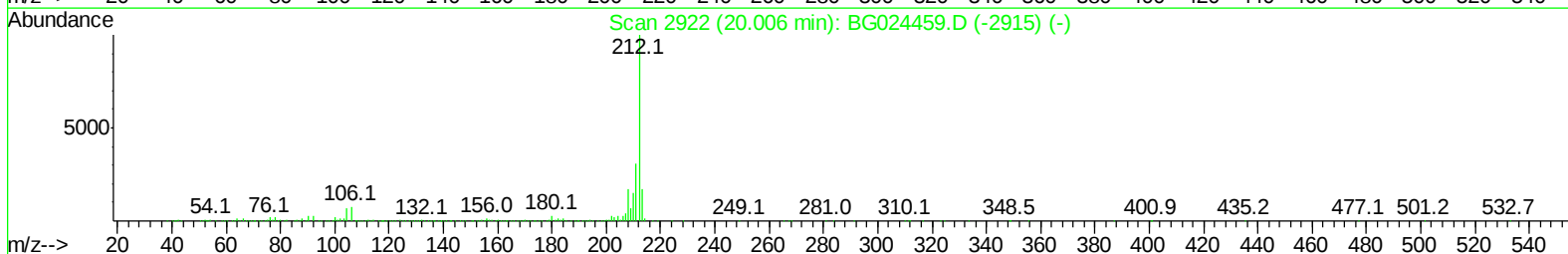
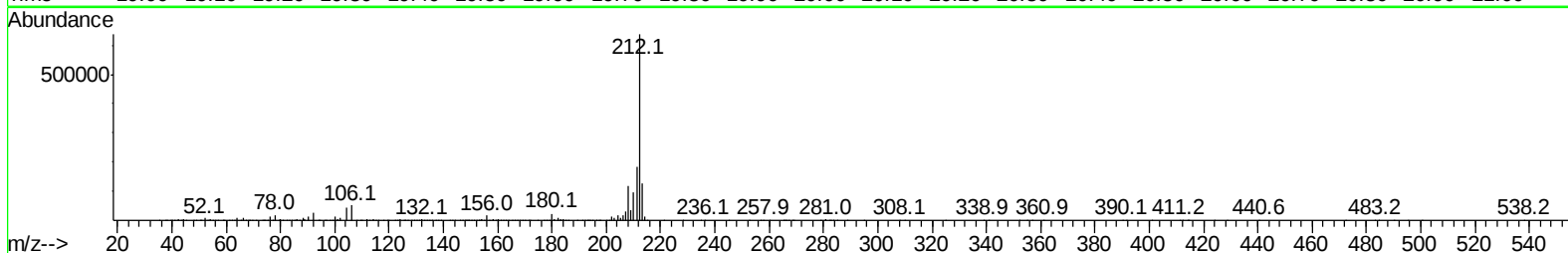
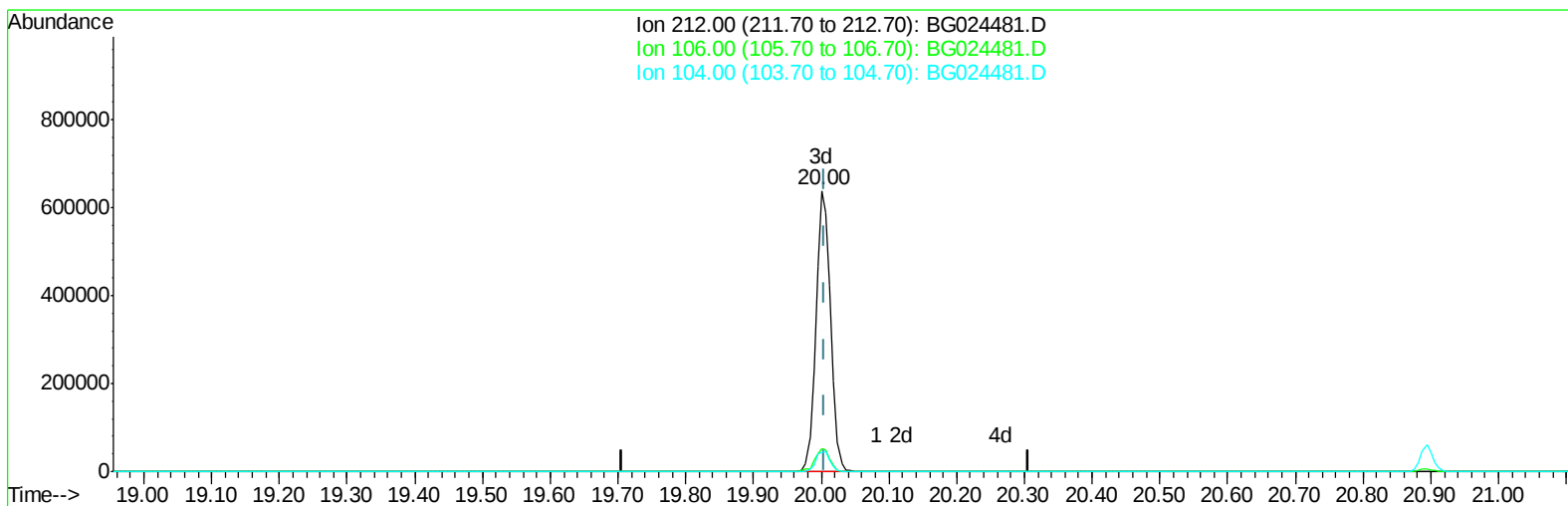
20.083min (+0.077) 0.03ng/ul

response 1294

Ion	Exp%	Act%
212.00	100	100
106.00	14.70	0.00#
104.00	9.70	0.00#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\Data\BG102016\
Data File : BG024481.D
Acq On : 21 Oct 2016 3:02
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 21 08:57:31 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102016-MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 21 08:52:07 2016
Response via : Initial Calibration



TIC: BG024481.D

(24) Pyrene-d10 (S)

20.001min (-0.006) 22.06ng/ul m

response 966786

Ion	Exp%	Act%
212.00	100	100
106.00	14.70	7.98#
104.00	9.70	7.03#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\Data\BG102016\
 Data File : BG024481.D
 Acq On : 21 Oct 2016 3:02
 Operator : UM/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 21 08:58:47 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102016-MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 21 08:52:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	128446	20.00	ng/ul	0.00
7) Naphthalene-d8	11.11	136	581709	20.00	ng/ul	0.00
13) Acenaphthene-d10	14.89	164	475220	20.00	ng/ul	0.00
18) Phenanthrene-d10	17.63	188	939249m	20.00	ng/ul	0.00
23) Chrysene-d12	21.93	240	1082683m	20.00	ng/ul	0.00
25) Perylene-d12	25.38	264	1120213	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.64	96	18630	6.19	ng/uL	0.00
3) Phenol-d5	7.41	99	236175	23.73	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.59	67	141152	23.93	ng/ul	0.00
5) 2-Chlorophenol-d4	7.80	132	161594	21.15	ng/ul	0.00
6) 4-Methylphenol-d8	8.97	113	193486	24.74	ng/ul	0.00
8) Nitrobenzene-d5	9.45	128	84682	20.61	ng/ul	0.00
9) 2-Nitrophenol-d4	10.18	143	99269	22.13	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.72	165	205061	23.23	ng/ul	0.00
11) 4-Chloroaniline-d4	11.24	131	228735	22.84	ng/ul	0.00
14) Dimethylphthalate-d6	14.29	166	635068	19.16	ng/ul	0.00
15) Acenaphthylene-d8	14.60	160	752168	19.35	ng/ul	0.00
16) 4-Nitrophenol-d4	15.06	143	104899	19.24	ng/ul	0.00
17) Fluorene-d10	15.88	176	605356	21.16	ng/ul	0.00
19) 4,6-Dinitro-2-methylphenol	15.99	200	119688m	21.03	ng/ul	0.00
20) Anthracene-d10	17.73	188	858394	20.10	ng/ul	0.00
24) Pyrene-d10	20.00	212	966786m	22.06	ng/ul	0.00
26) Benzo(a)pyrene-d12	25.13	264	978313	20.05	ng/ul	0.00

Target Compounds

					Ovalue	
12) 1-Methylnaphthalene	12.96	142	435004	21.73	ng/ul#	96
21) 1,2,3,4-Tetrachlorobenzene	13.70	216	295079	21.57	ng/uL	97
22) Pentachlorobenzene	15.20	250	299034	20.91	ng/uL	98

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

```
Data Path : Z:\HPCHEM1\BNA G\Data\BG102016\  
Data File : BG024481.D  
Acq On    : 21 Oct 2016    3:02  
Operator  : UM/SJ  
Sample    : SSTDCCC020  
Misc      :  
ALS Vial  : 4    Sample Multiplier: 1
```

Quant Time: Oct 21 08:58:47 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102016-MA.M
Quant Title : SVOA CALIBRATION
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