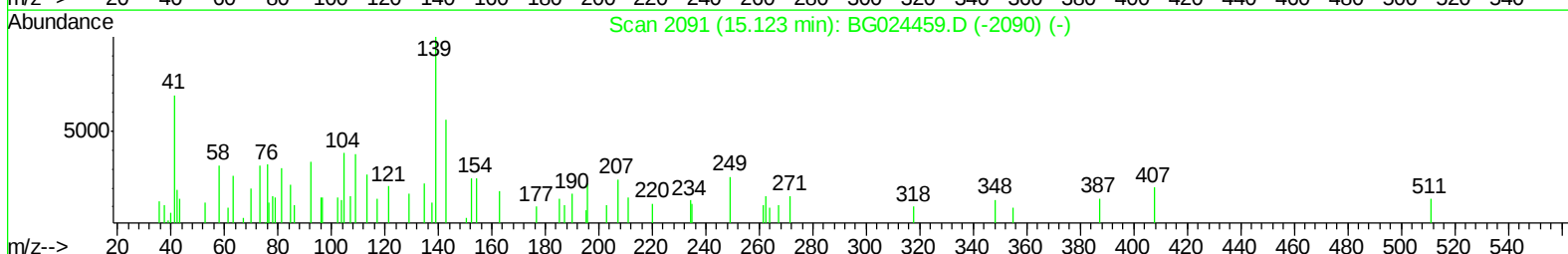
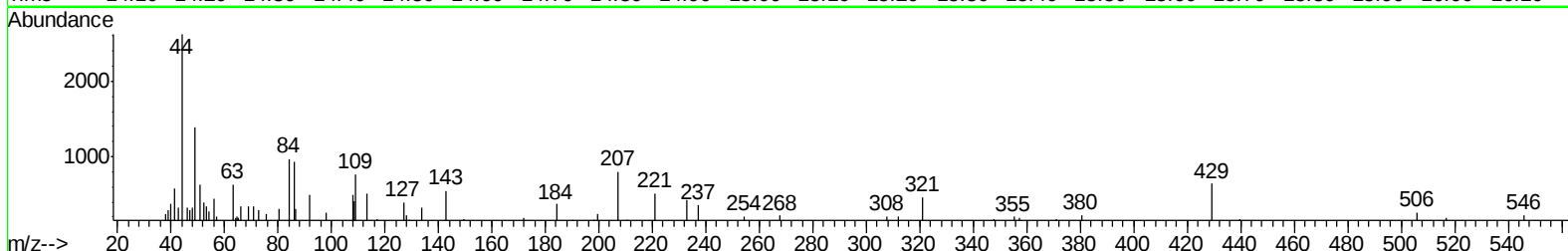
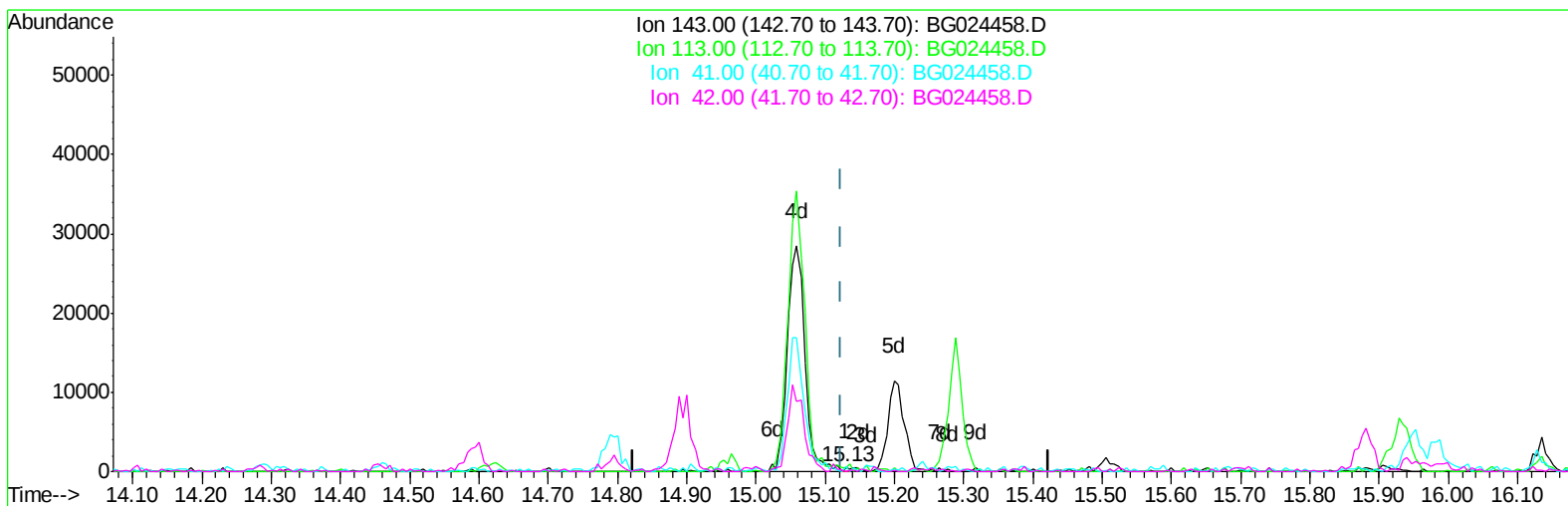


Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102016\
Data File : BG024458.D
Acq On : 20 Oct 2016 12:02
Operator : UM/SJ
Sample : SST01008
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 21 07:55:44 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102016-MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 21 07:54:54 2016
Response via : Initial Calibration



TIC: BG024458.D

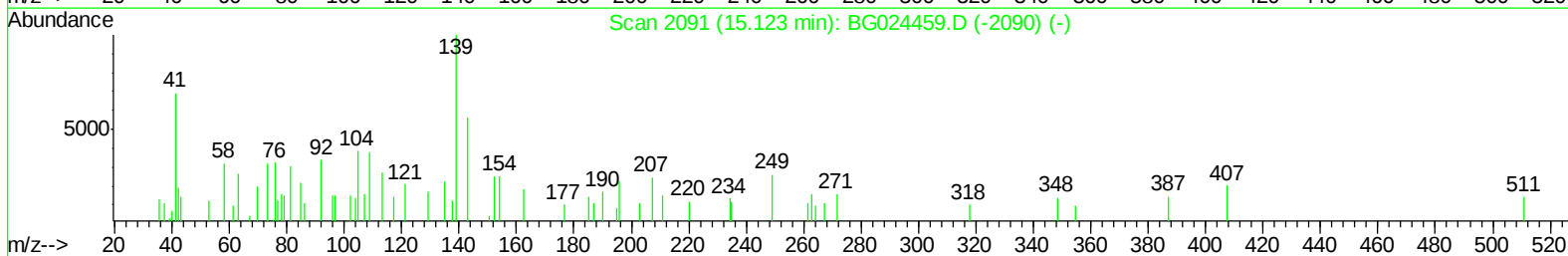
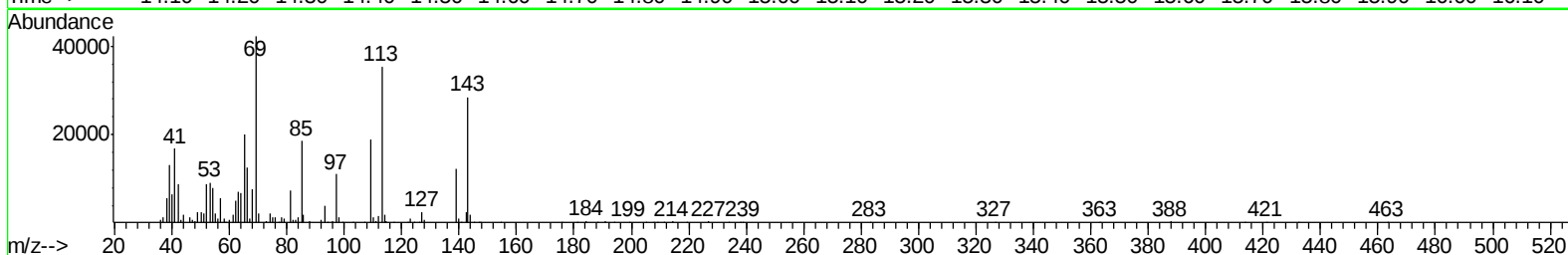
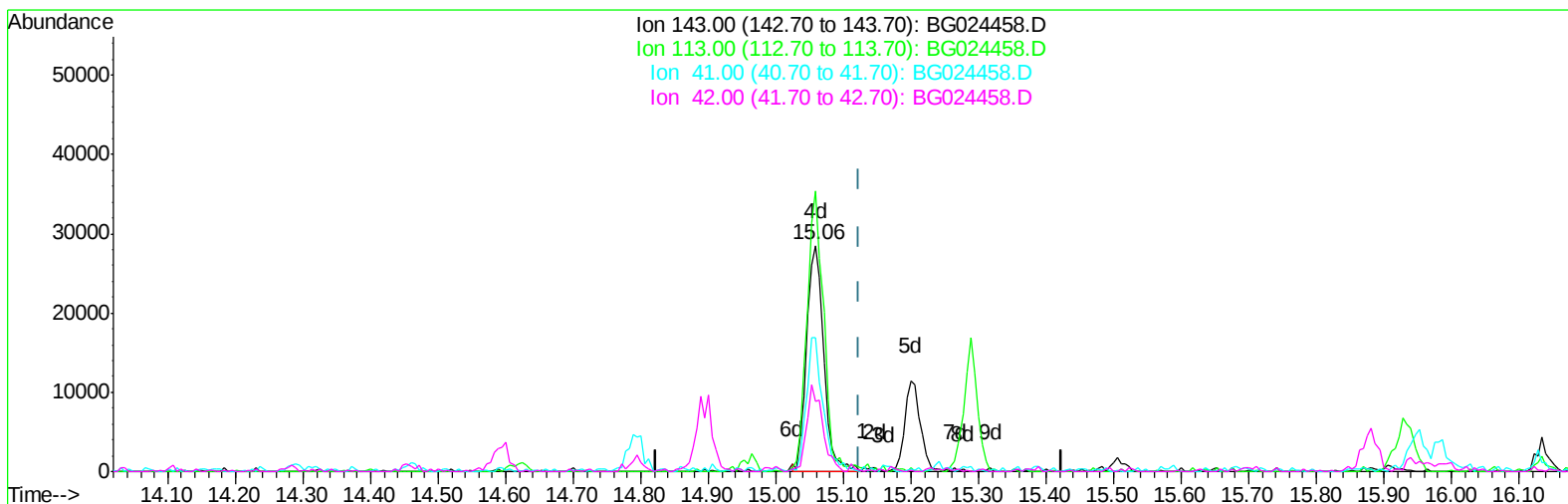
(16) 4-Nitrophenol-d4 (S)
15.130min (+0.007) 0.06ng/ul

response 296

Ion	Exp%	Act%
143.00	100	100
113.00	75.10	91.12#
41.00	28.80	104.71#
42.00	19.10	0.00#

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102016\
Data File : BG024458.D
Acq On : 20 Oct 2016 12:02
Operator : UM/SJ
Sample : SSTD01008
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 21 07:55:44 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102016-MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 21 07:54:54 2016
Response via : Initial Calibration



TIC: BG024458.D

(16) 4-Nitrophenol-d4 (S)

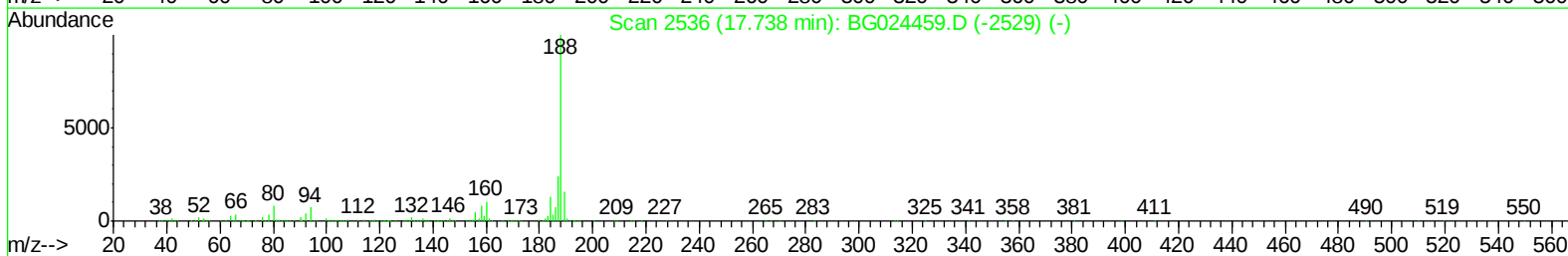
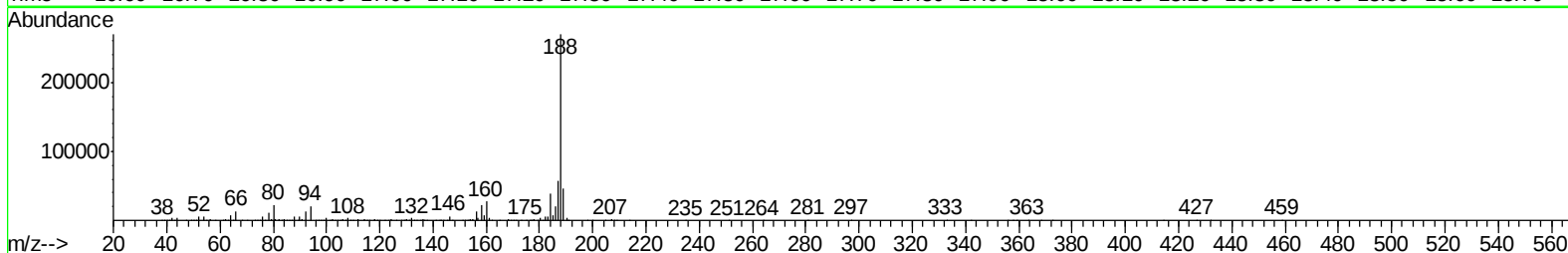
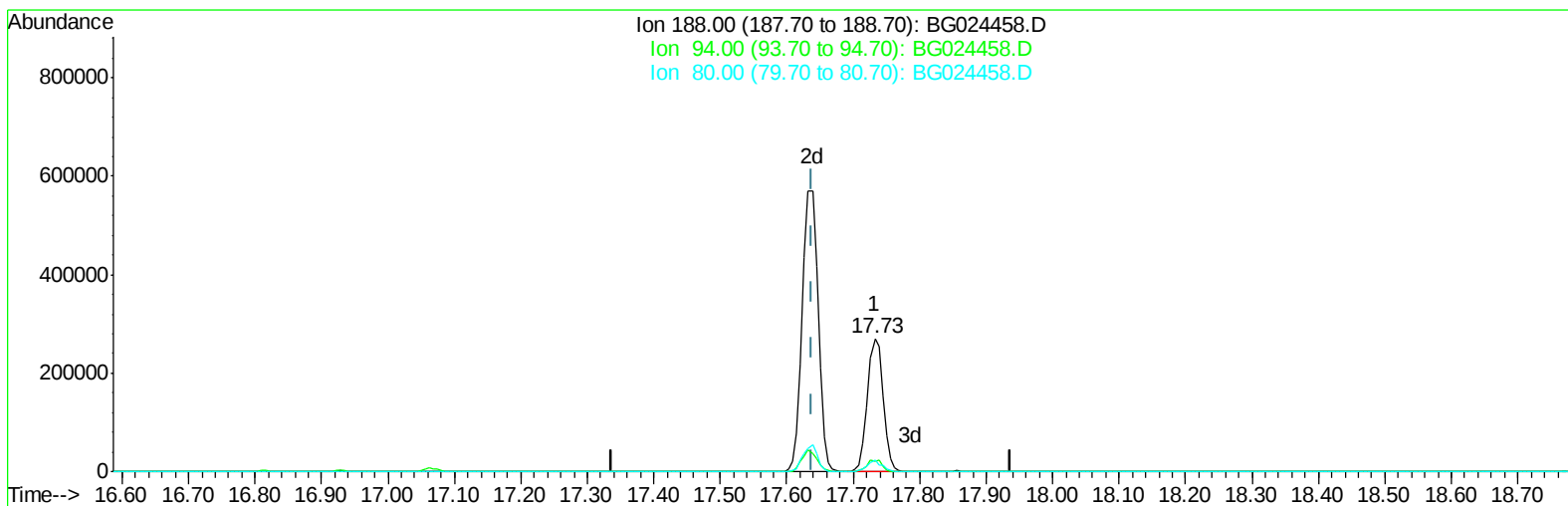
15.059min (-0.064) 9.77ng/ul m

response 50031

Ion	Exp%	Act%
143.00	100	100
113.00	75.10	124.28#
41.00	28.80	59.20#
42.00	19.10	31.36#

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102016\
Data File : BG024458.D
Acq On : 20 Oct 2016 12:02
Operator : UM/SJ
Sample : SSTD01008
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 21 07:55:44 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102016-MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 21 07:54:54 2016
Response via : Initial Calibration



TIC: BG024458.D

(18) Phenanthrene-d10 (I)

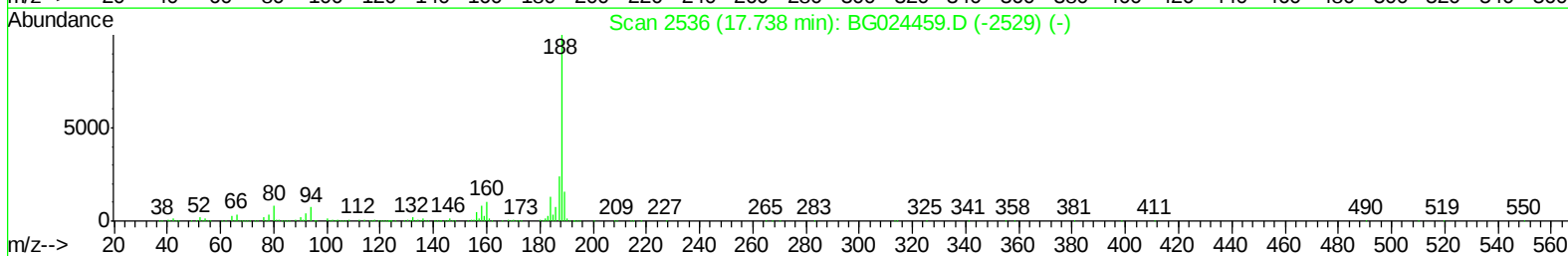
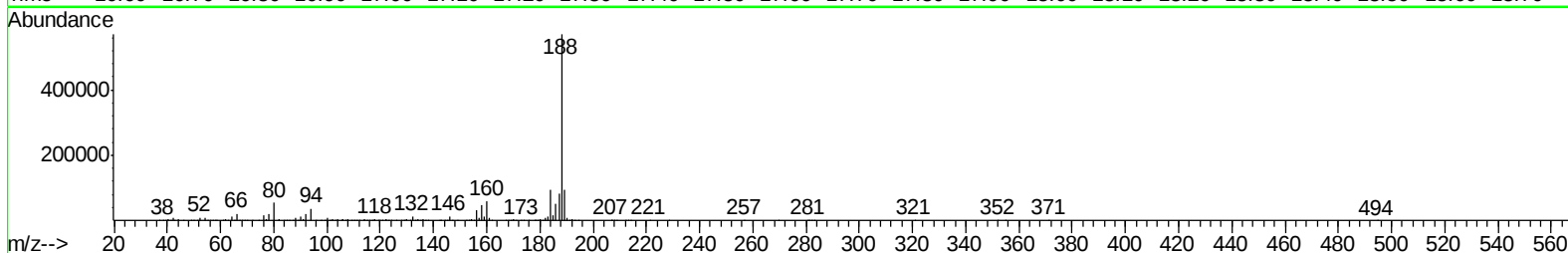
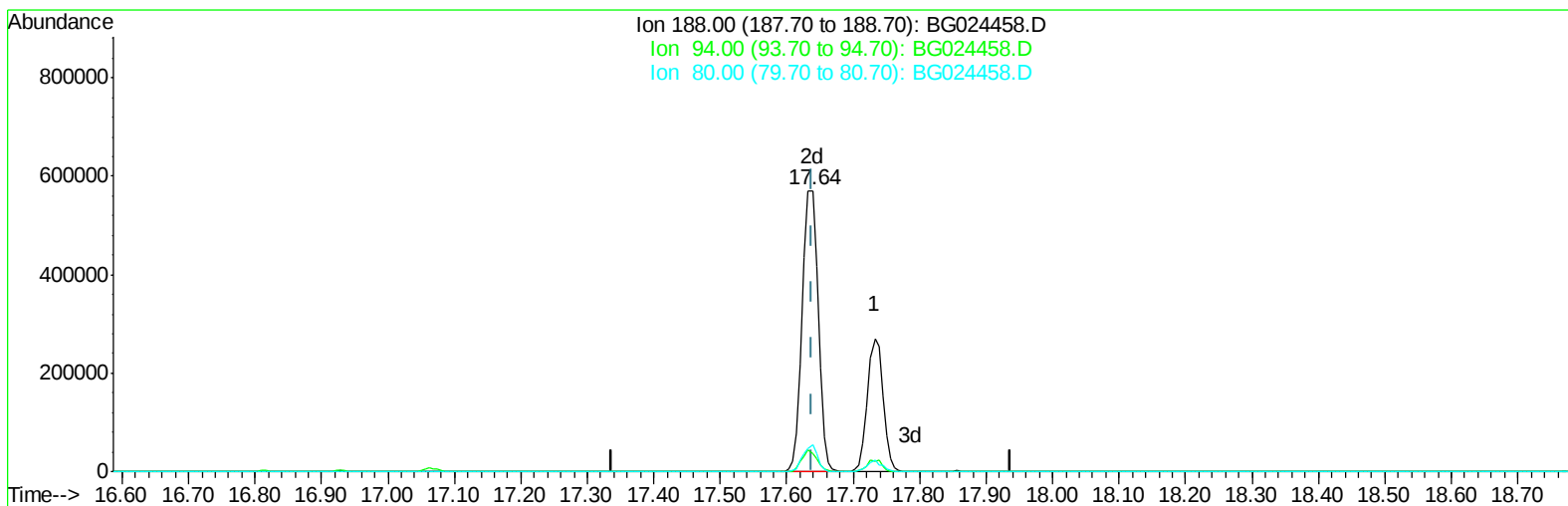
17.732min (+0.095) 20.00ng/ul

response 430639

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	7.92
80.00	9.70	8.42
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102016\
Data File : BG024458.D
Acq On : 20 Oct 2016 12:02
Operator : UM/SJ
Sample : SSTD01008
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 21 07:55:44 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102016-MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 21 07:54:54 2016
Response via : Initial Calibration



TIC: BG024458.D

(18) Phenanthrene-d10 (I)

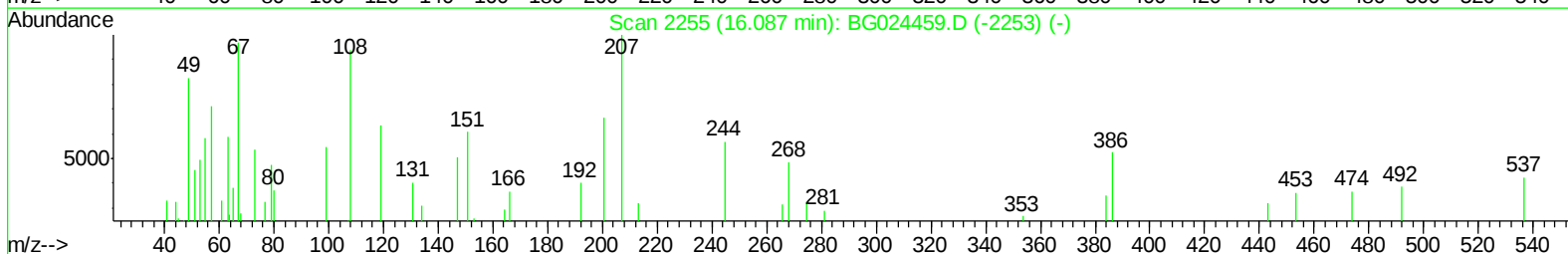
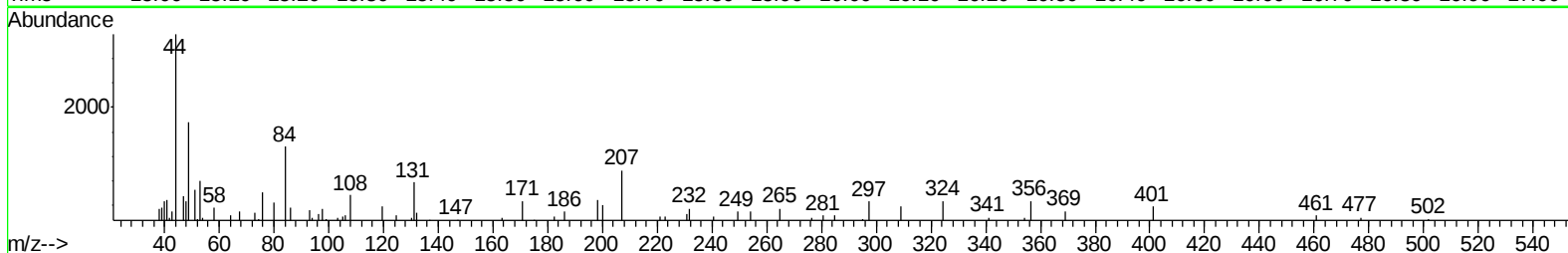
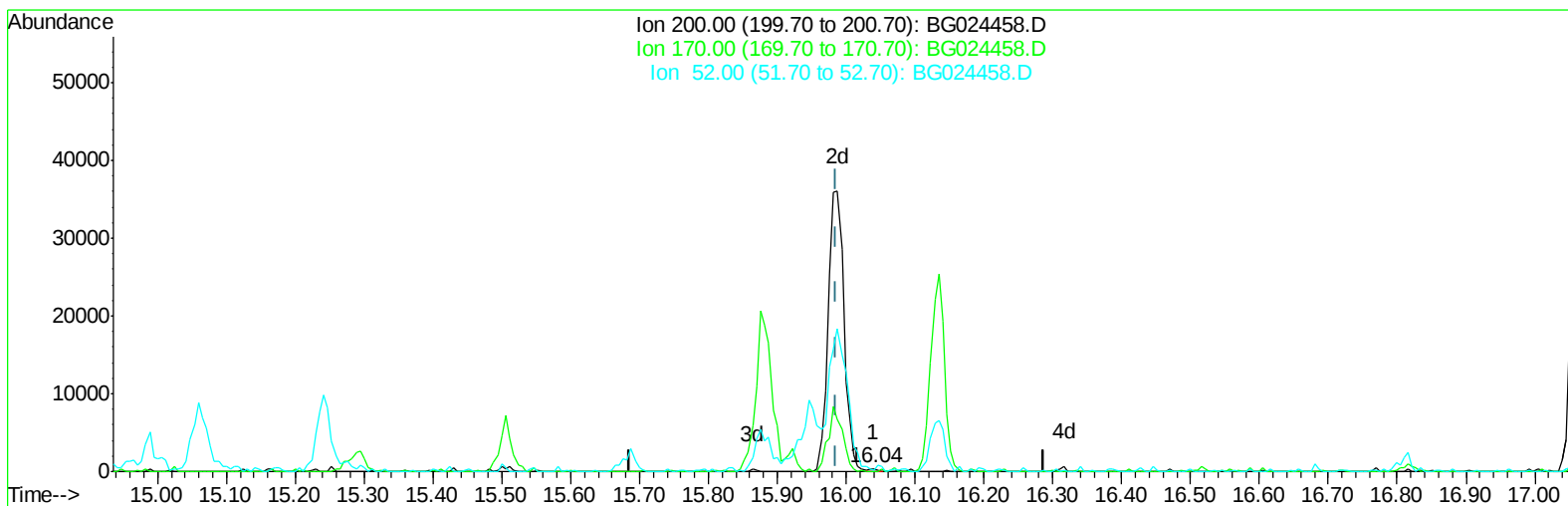
17.638min (+0.001) 20.00ng/ul m

response 923622

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	6.33#
80.00	9.70	9.41
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102016\
Data File : BG024458.D
Acq On : 20 Oct 2016 12:02
Operator : UM/SJ
Sample : SSTD01008
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 21 08:05:22 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102016-MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 21 07:54:54 2016
Response via : Initial Calibration



TIC: BG024458.D

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

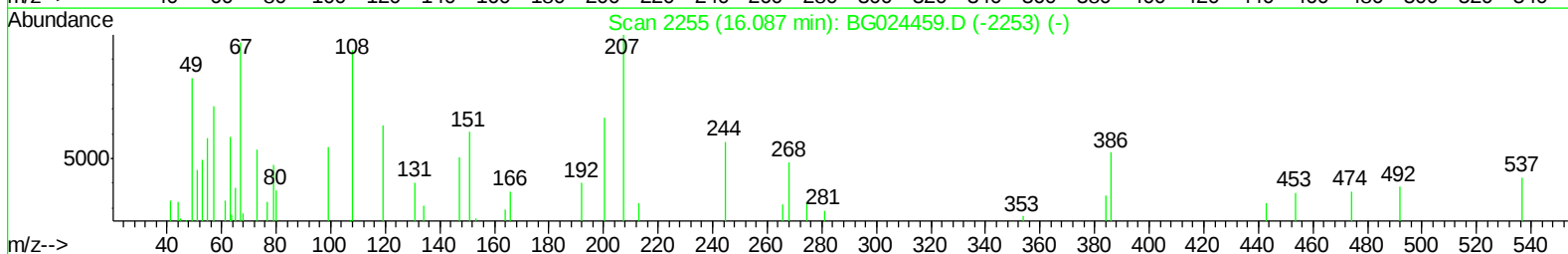
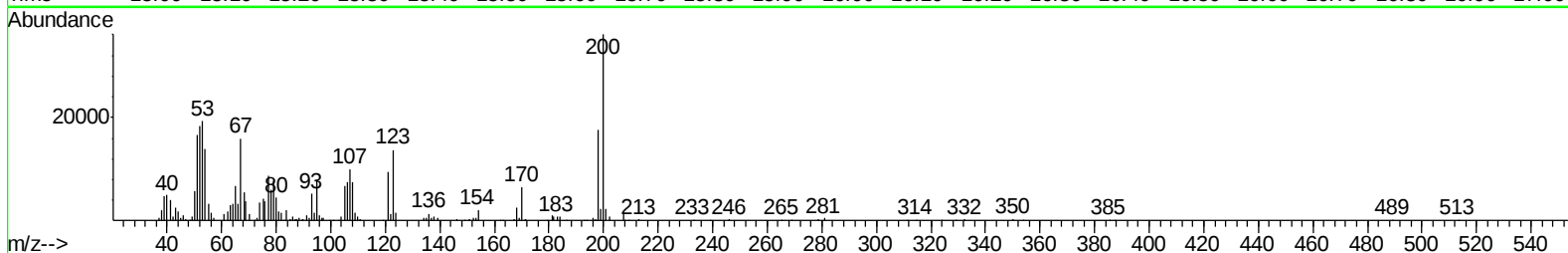
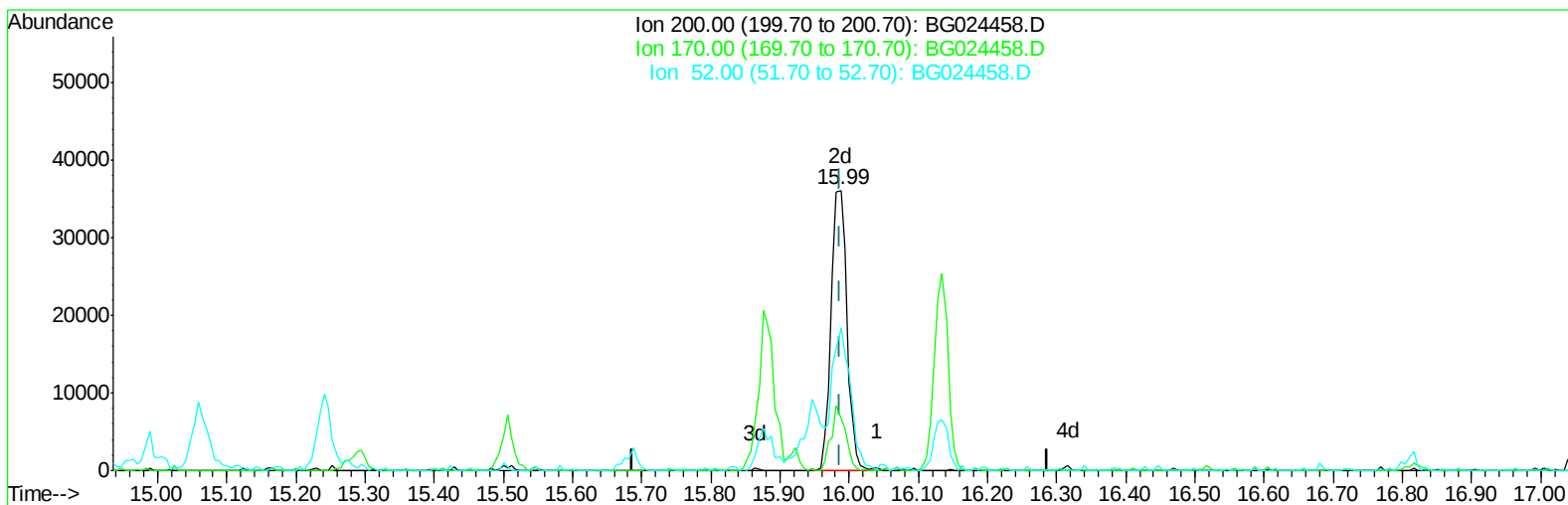
16.040min (+0.054) 0.06ng/ul

response 335

Ion	Exp%	Act%
200.00	100	100
170.00	22.40	0.00#
52.00	33.60	44.69#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102016\
Data File : BG024458.D
Acq On : 20 Oct 2016 12:02
Operator : UM/SJ
Sample : SSTD01008
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 21 08:05:22 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102016-MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 21 07:54:54 2016
Response via : Initial Calibration



TIC: BG024458.D

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

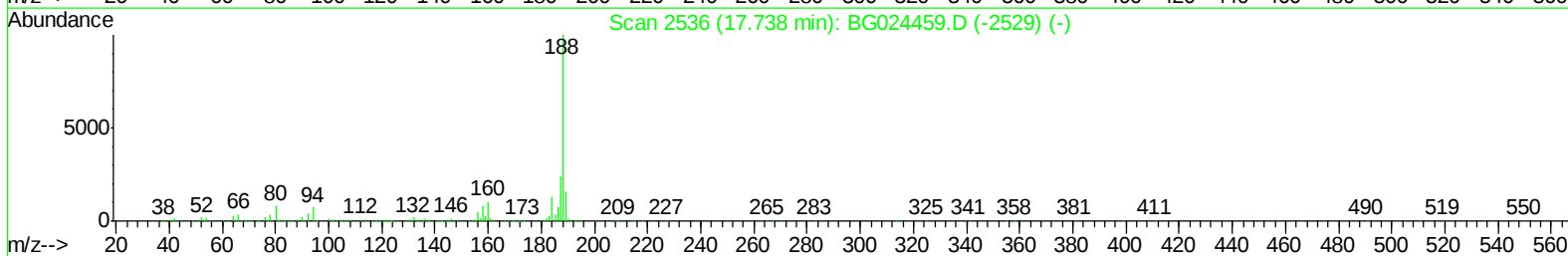
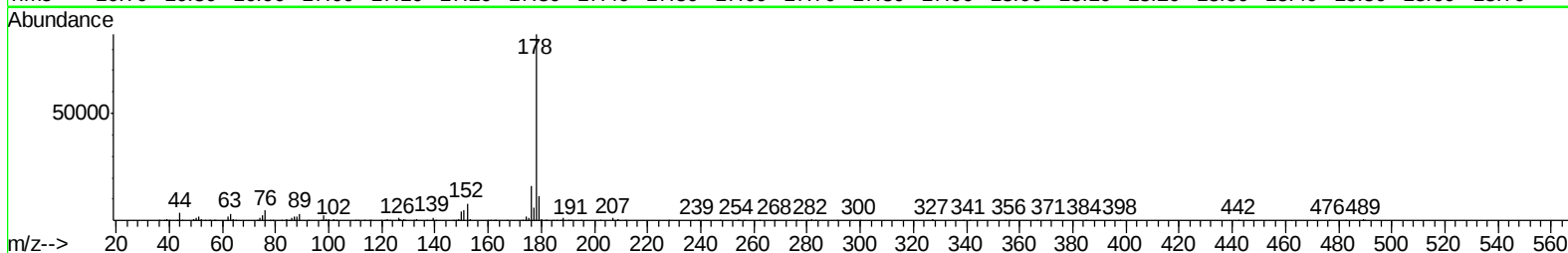
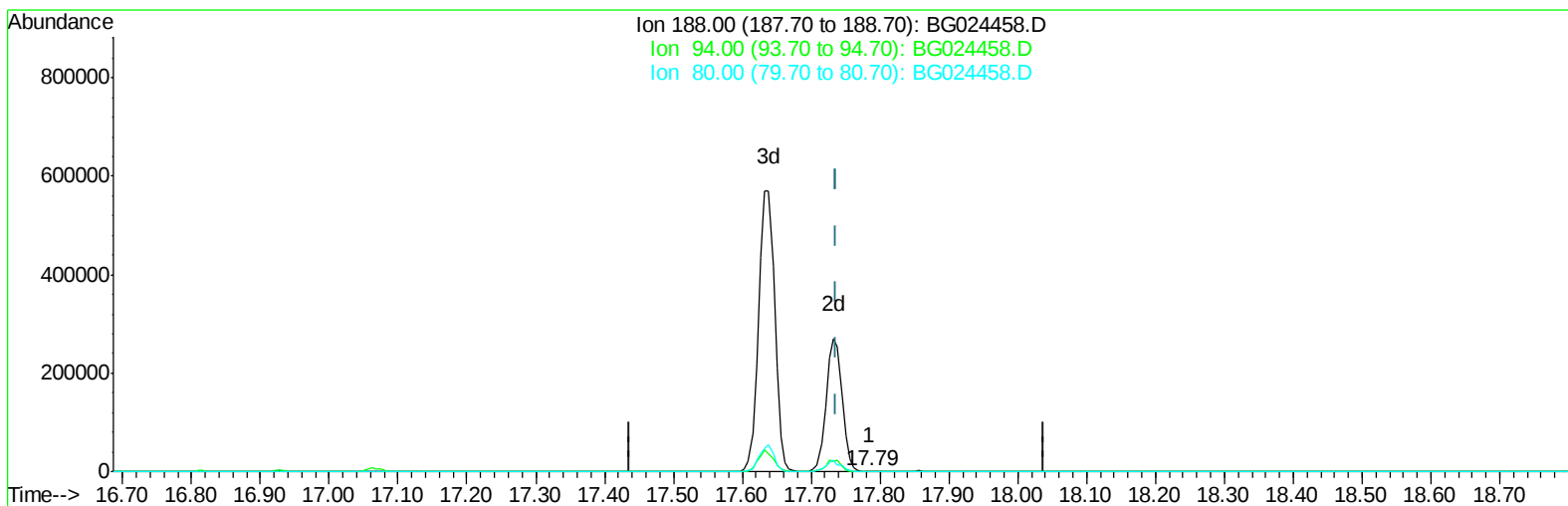
15.987min (+0.001) 10.26ng/ul m

response 57398

Ion	Exp%	Act%
200.00	100	100
170.00	22.40	18.44
52.00	33.60	50.91#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102016\
Data File : BG024458.D
Acq On : 20 Oct 2016 12:02
Operator : UM/SJ
Sample : SST01008
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 21 08:05:22 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102016-MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 21 07:54:54 2016
Response via : Initial Calibration



TIC: BG024458.D

(20) Anthracene-d10 (S)

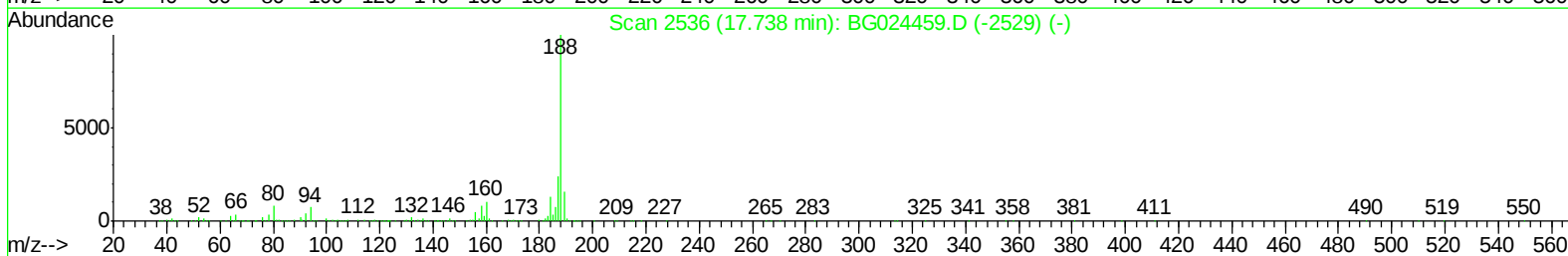
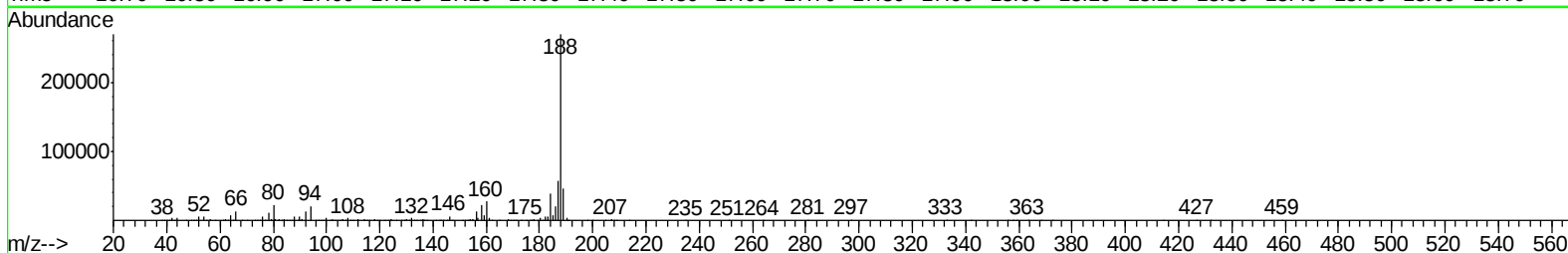
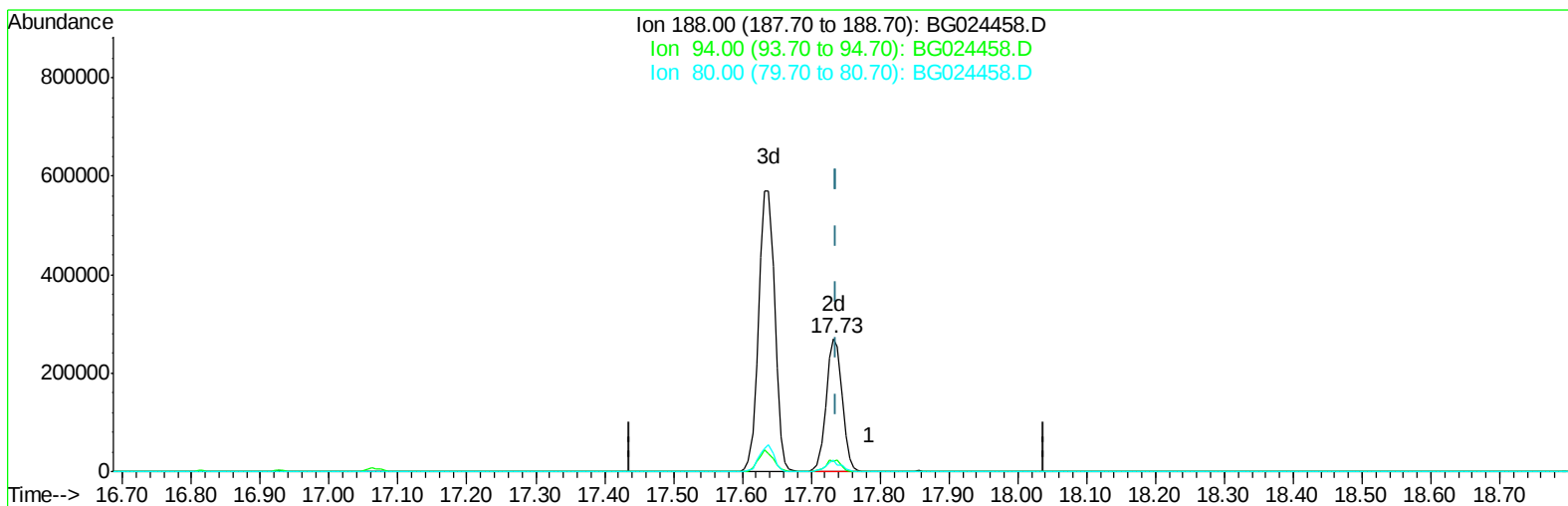
17.785min (+0.048) 0.02ng/ul

response 979

Ion	Exp%	Act%
188.00	100	100
94.00	10.10	0.00#
80.00	9.10	0.00#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102016\
Data File : BG024458.D
Acq On : 20 Oct 2016 12:02
Operator : UM/SJ
Sample : SSTD01008
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 21 08:05:22 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102016-MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 21 07:54:54 2016
Response via : Initial Calibration



TIC: BG024458.D

(20) Anthracene-d10 (S)

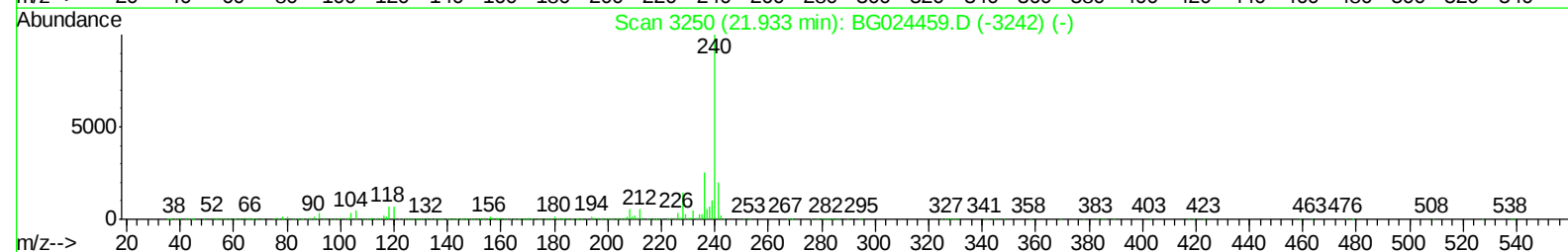
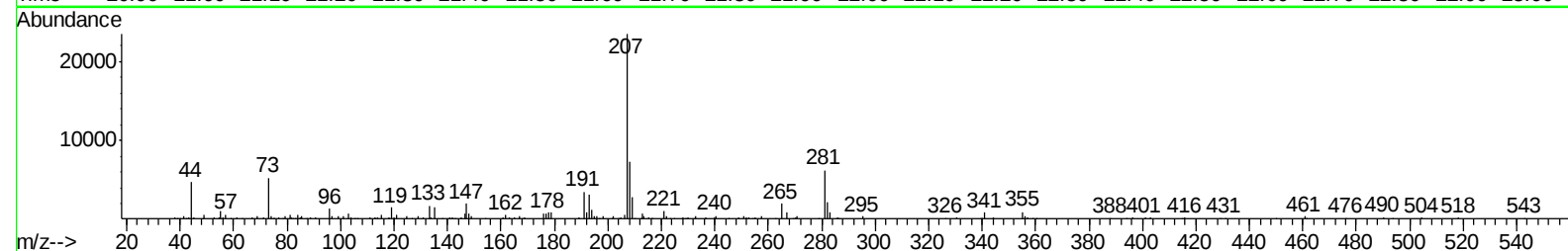
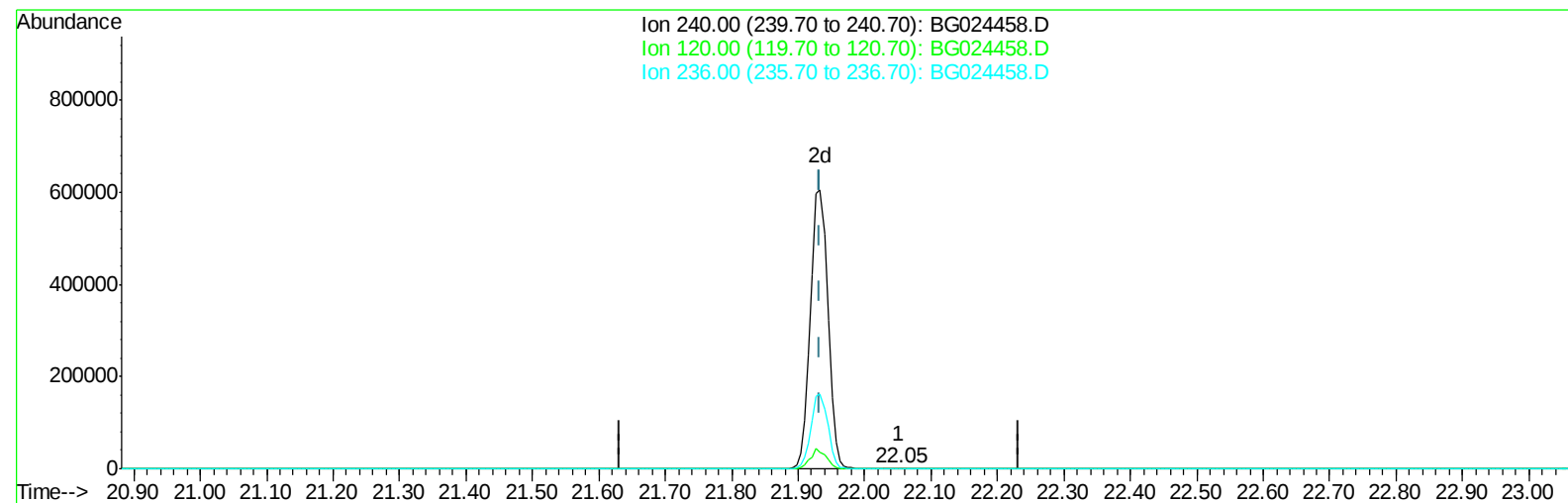
17.732min (-0.005) 10.25ng/ul m

response 430385

Ion	Exp%	Act%
188.00	100	100
94.00	10.10	7.92#
80.00	9.10	8.42
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102016\
Data File : BG024458.D
Acq On : 20 Oct 2016 12:02
Operator : UM/SJ
Sample : SSTD01008
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 21 08:05:22 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102016-MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 21 07:54:54 2016
Response via : Initial Calibration



TIC: BG024458.D

(23) Chrysene-d12 (I)

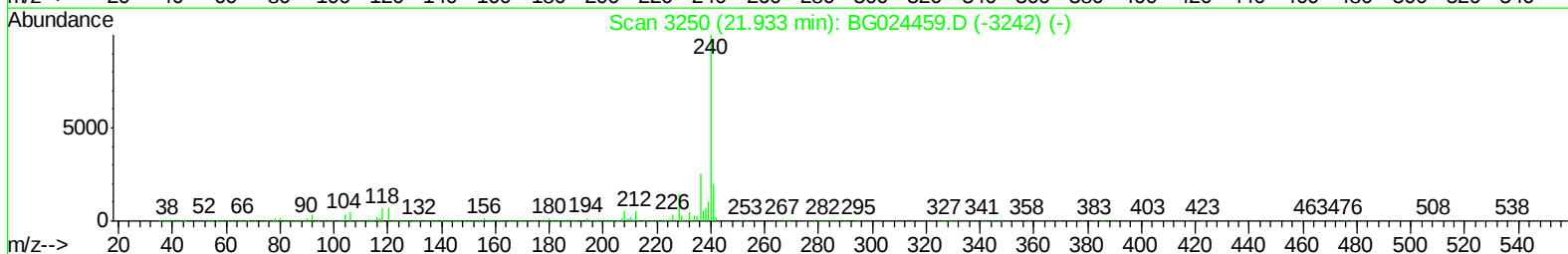
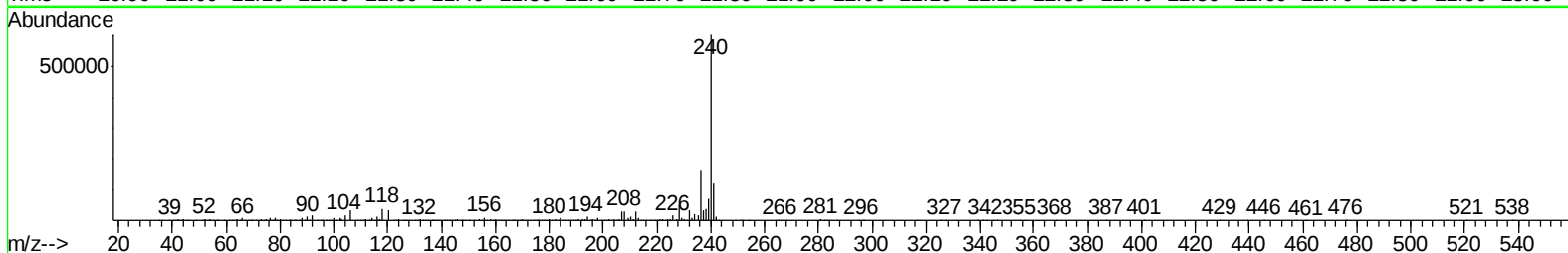
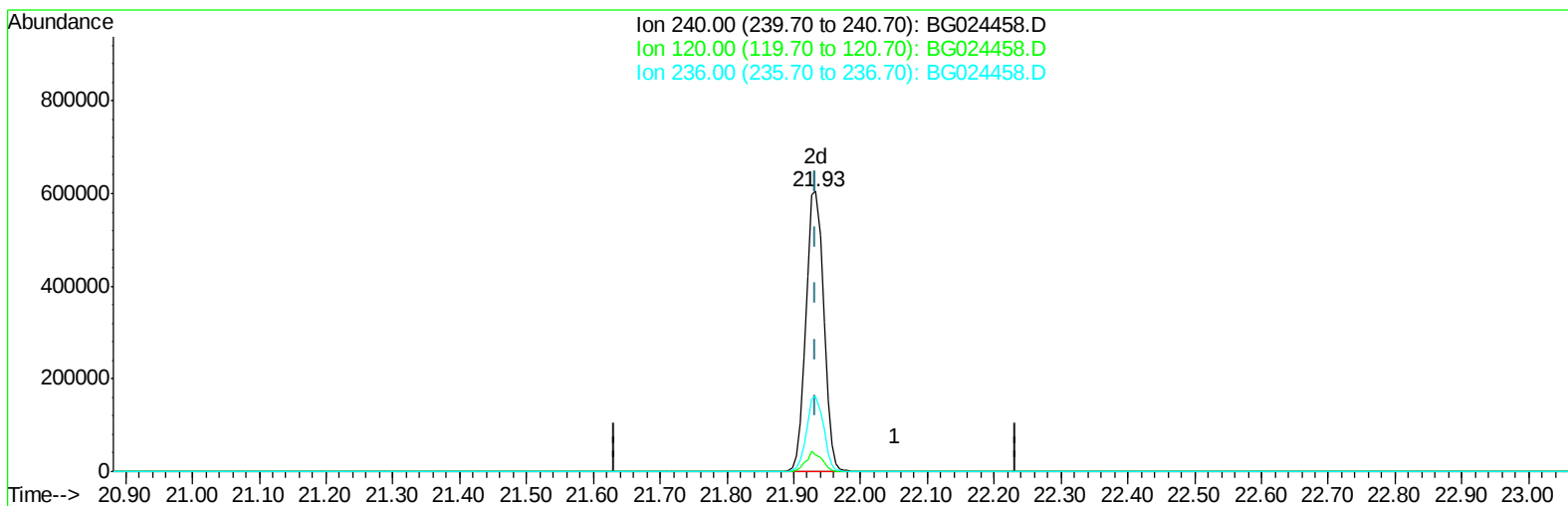
22.051min (+0.118) 20.00ng/ul

response 1371

Ion	Exp%	Act%
240.00	100	100
120.00	11.40	33.15#
236.00	26.30	35.88#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102016\
Data File : BG024458.D
Acq On : 20 Oct 2016 12:02
Operator : UM/SJ
Sample : SSTD01008
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 21 08:05:22 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102016-MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 21 07:54:54 2016
Response via : Initial Calibration



TIC: BG024458.D

(23) Chrysene-d12 (I)

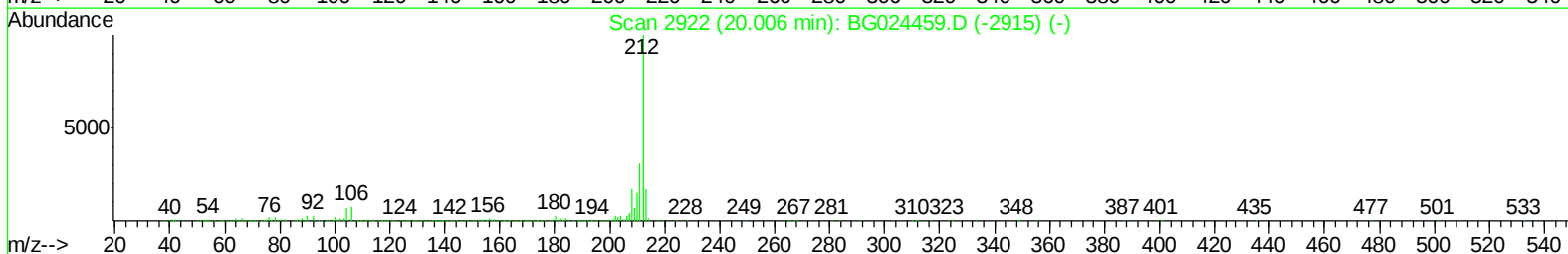
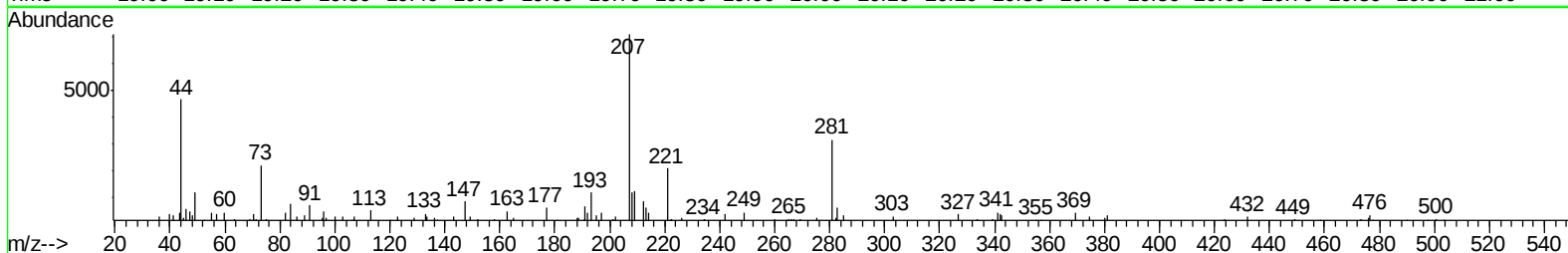
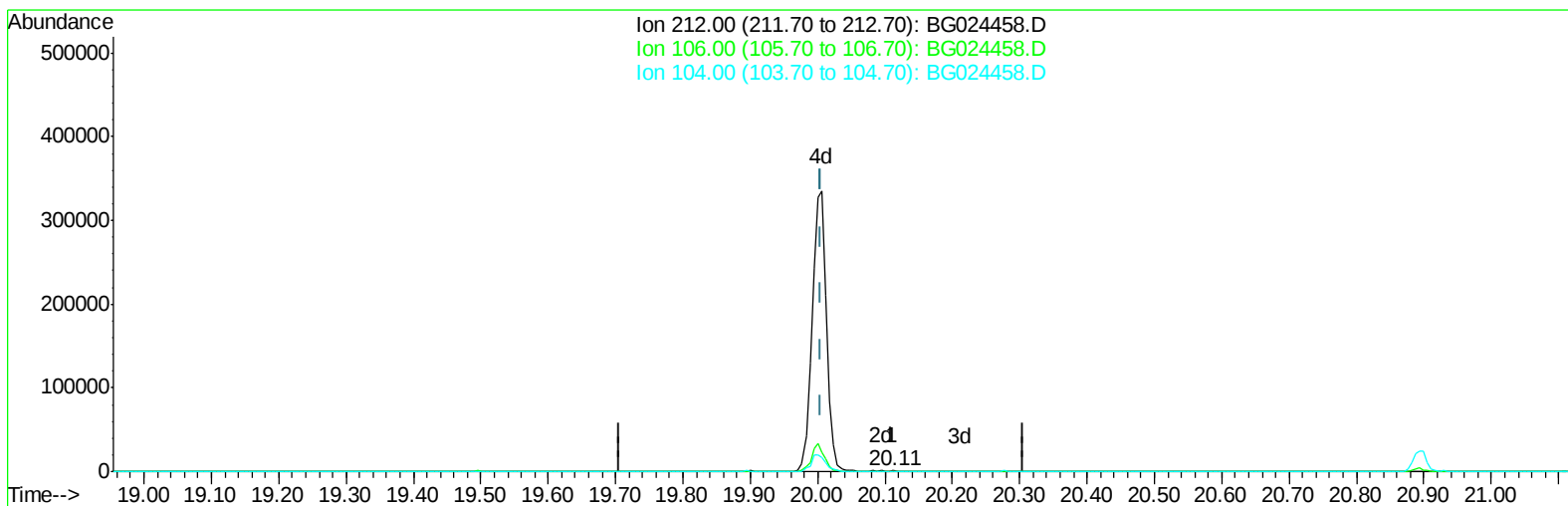
21.933min (+0.001) 20.00ng/ul m

response 1089545

Ion	Exp%	Act%
240.00	100	100
120.00	11.40	5.86#
236.00	26.30	26.96
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102016\
Data File : BG024458.D
Acq On : 20 Oct 2016 12:02
Operator : UM/SJ
Sample : SSTD01008
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 21 08:06:18 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102016-MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 21 07:54:54 2016
Response via : Initial Calibration



TIC: BG024458.D

(24) Pyrene-d10 (S)

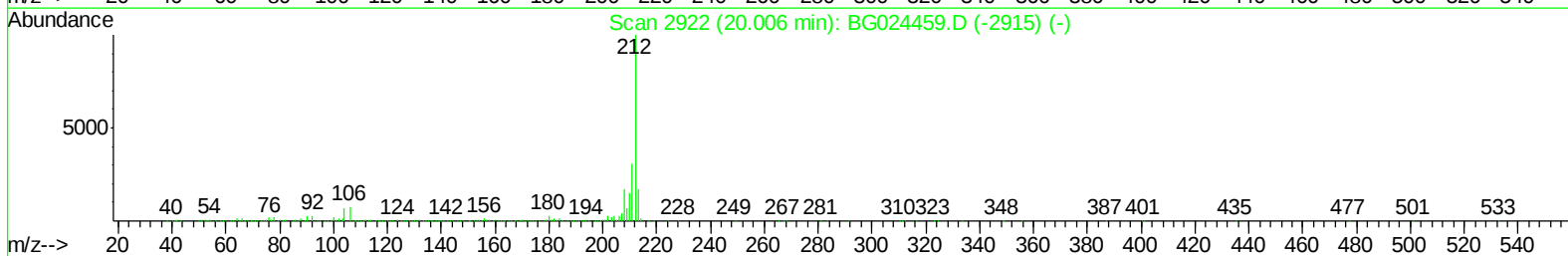
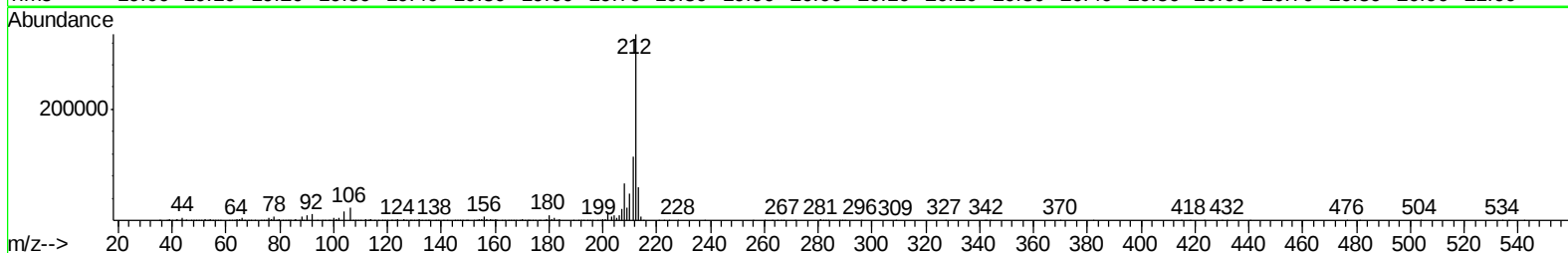
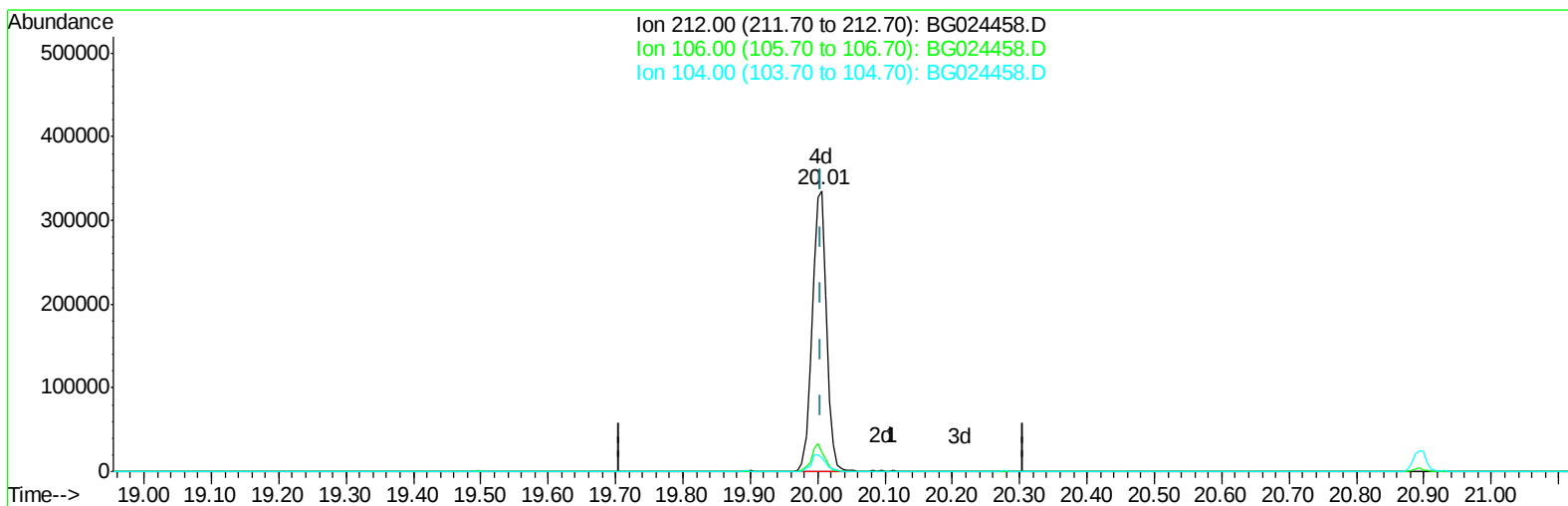
20.112min (+0.106) 0.01ng/ul

response 548

Ion	Exp%	Act%
212.00	100	100
106.00	14.70	20.09#
104.00	9.70	0.00#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102016\
Data File : BG024458.D
Acq On : 20 Oct 2016 12:02
Operator : UM/SJ
Sample : SSTD01008
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 21 08:06:18 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102016-MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 21 07:54:54 2016
Response via : Initial Calibration



TIC: BG024458.D

(24) Pyrene-d10 (S)

20.006min (+0.001) 11.40ng/ul m

response 502631

Ion	Exp%	Act%
212.00	100	100
106.00	14.70	6.71#
104.00	9.70	4.80#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102016\
 Data File : BG024458.D
 Acq On : 20 Oct 2016 12:02
 Operator : UM/SJ
 Sample : SSTD01008
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 21 08:06:39 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102016-MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 21 07:54:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	121929	20.00	ng/ul	0.00
7) Naphthalene-d8	11.11	136	535790	20.00	ng/ul	0.00
13) Acenaphthene-d10	14.89	164	446198	20.00	ng/ul	0.00
18) Phenanthrene-d10	17.64	188	923622m	20.00	ng/ul	0.00
23) Chrysene-d12	21.93	240	1089545m	20.00	ng/ul	0.00
25) Perylene-d12	25.37	264	1118135	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.64	96	9220	3.23	ng/uL	0.00
3) Phenol-d5	7.41	99	110994	11.75	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.59	67	68393	12.21	ng/ul	0.00
5) 2-Chlorophenol-d4	7.80	132	75831	10.46	ng/ul	0.00
6) 4-Methylphenol-d8	8.97	113	91367	12.31	ng/ul	0.00
8) Nitrobenzene-d5	9.46	128	41407	10.94	ng/ul	0.00
9) 2-Nitrophenol-d4	10.18	143	46242	11.19	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.71	165	99657	12.26	ng/ul	0.00
11) 4-Chloroaniline-d4	11.24	131	107666	11.67	ng/ul	0.00
14) Dimethylphthalate-d6	14.28	166	318171	10.22	ng/ul	0.00
15) Acenaphthylene-d8	14.59	160	378258	10.37	ng/ul	0.00
16) 4-Nitrophenol-d4	15.06	143	50031m	9.77	ng/ul	-0.06
17) Fluorene-d10	15.88	176	298035	11.10	ng/ul	0.00
19) 4,6-Dinitro-2-methylphenol	15.99	200	57398m	10.26	ng/ul	0.00
20) Anthracene-d10	17.73	188	430385m	10.25	ng/ul	0.00
24) Pyrene-d10	20.01	212	502631m	11.40	ng/ul	0.00
26) Benzo(a)pyrene-d12	25.13	264	508077	10.43	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1-Methylnaphthalene	12.96	142	216503	11.74	ng/ul	93
21) 1,2,3,4-Tetrachlorobenzene	13.70	216	139325	10.35	ng/uL#	90
22) Pentachlorobenzene	15.21	250	151997	10.81	ng/uL	99

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

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102016\
Data File : BG024458.D
Acq On : 20 Oct 2016 12:02
Operator : UM/SJ
Sample : SSTD01008
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 21 08:06:39 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102016-MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 21 07:54:54 2016
Response via : Initial Calibration

