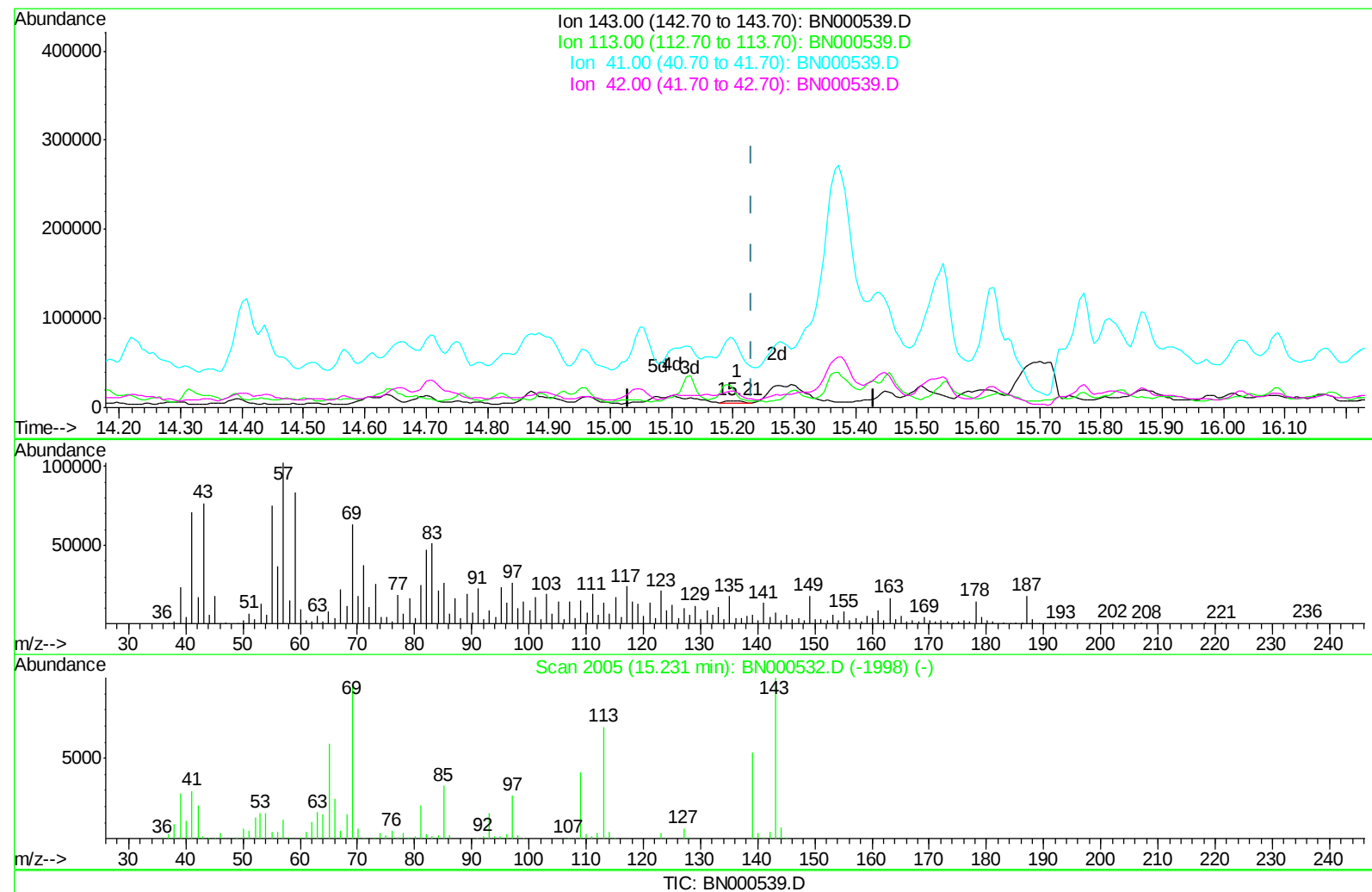


Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000539.D
Acq On : 22 Mar 2018 14:28
Operator : JU/SJ
Sample : J1905-13DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 23 02:23:25 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 23 02:22:02 2018
Response via : Initial Calibration



TIC: BN000539.D

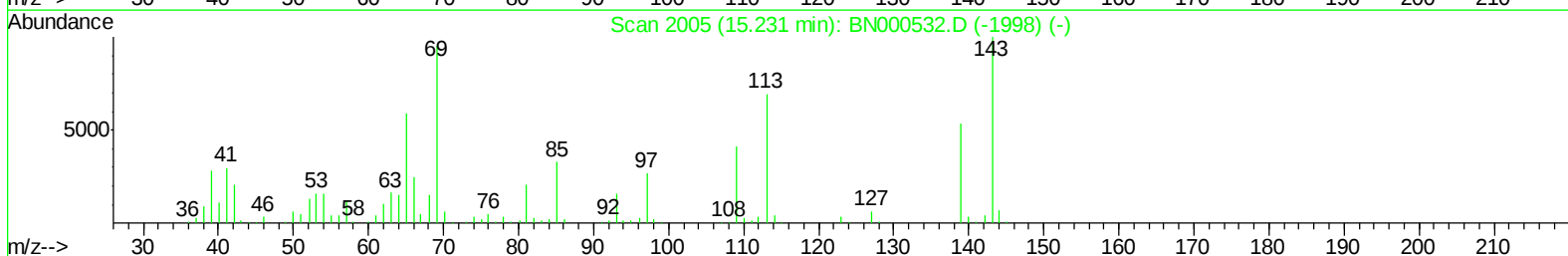
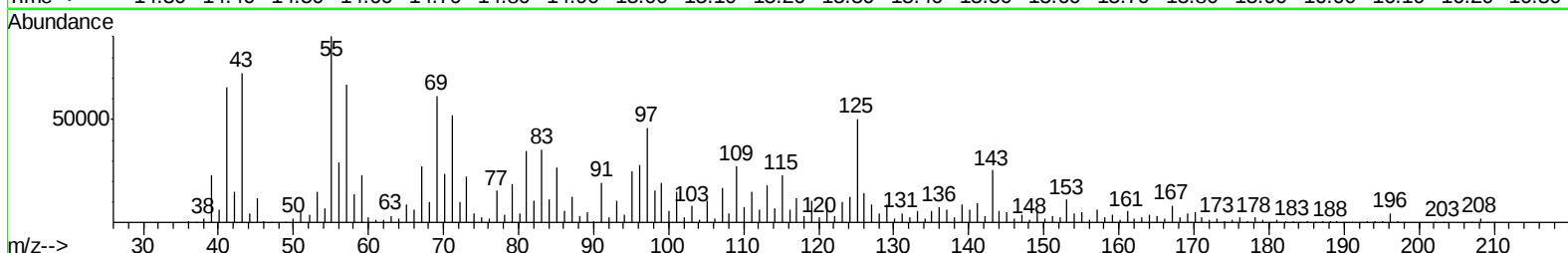
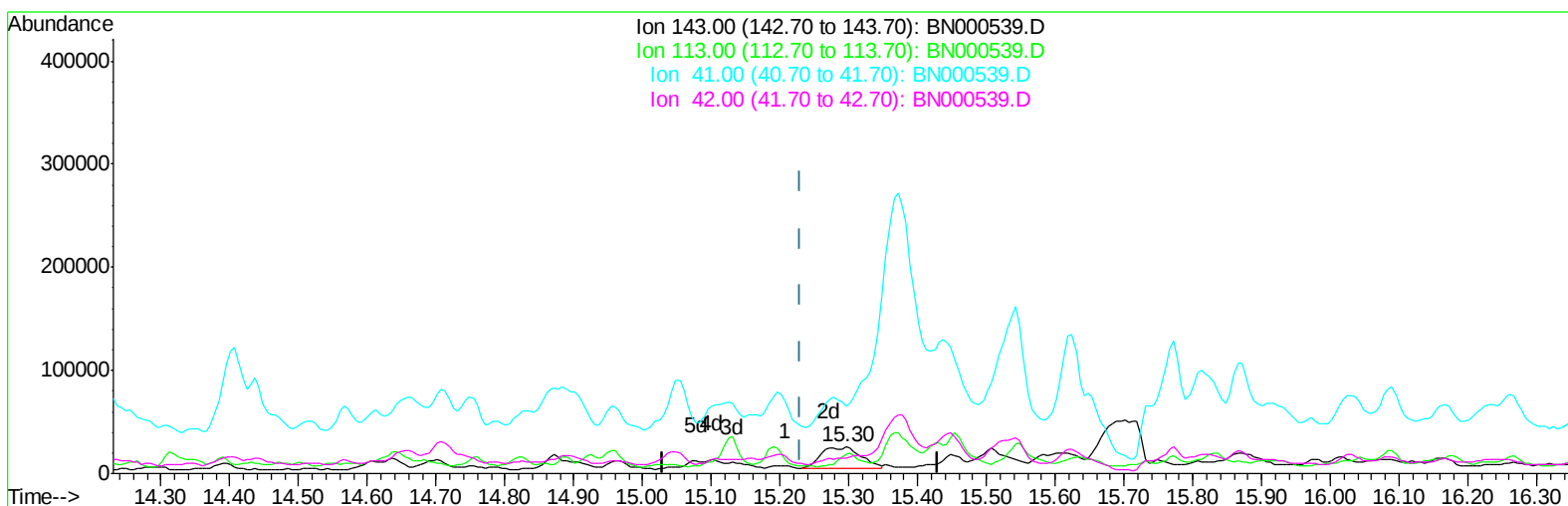
(51) 4-Nitrophenol-d4 (S)
15.207min (-0.023) 0.62ng/ul

response 3634

Ion	Exp%	Act%
143.00	100	100
113.00	77.10	182.02#
41.00	32.60	941.18#
42.00	22.30	227.61#

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000539.D
Acq On : 22 Mar 2018 14:28
Operator : JU/SJ
Sample : J1905-13DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 23 02:23:25 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 23 02:22:02 2018
Response via : Initial Calibration



TIC: BN000539.D

(51) 4-Nitrophenol-d4 (S)

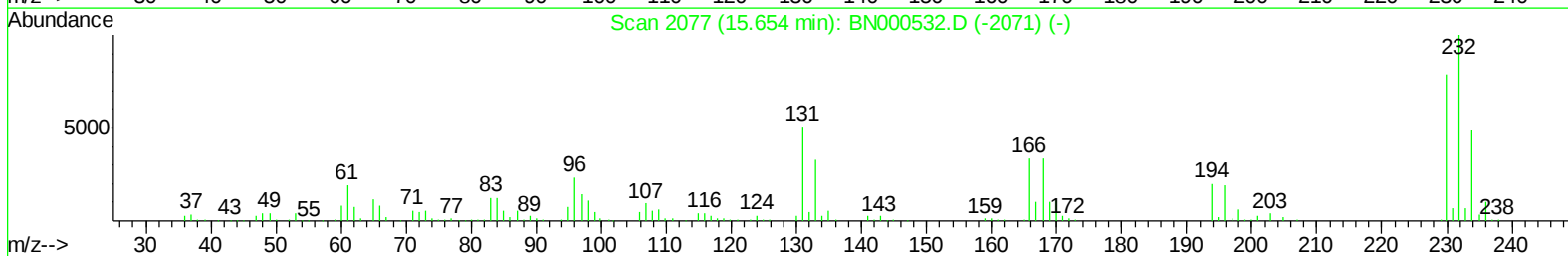
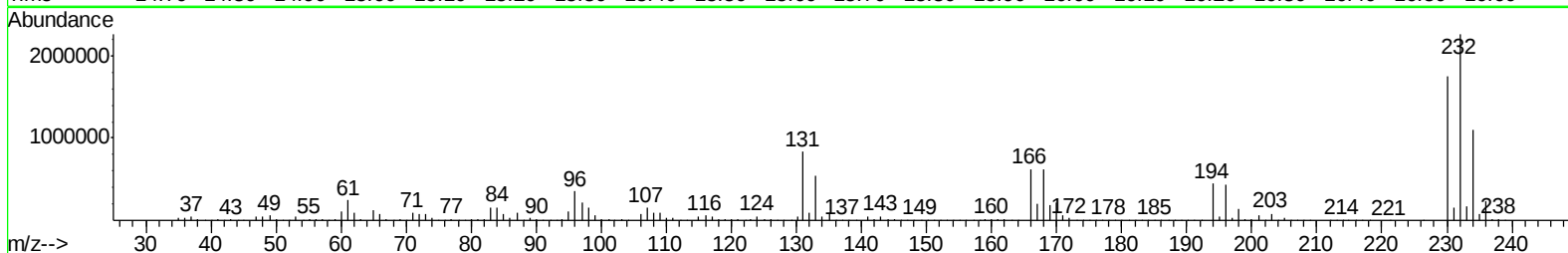
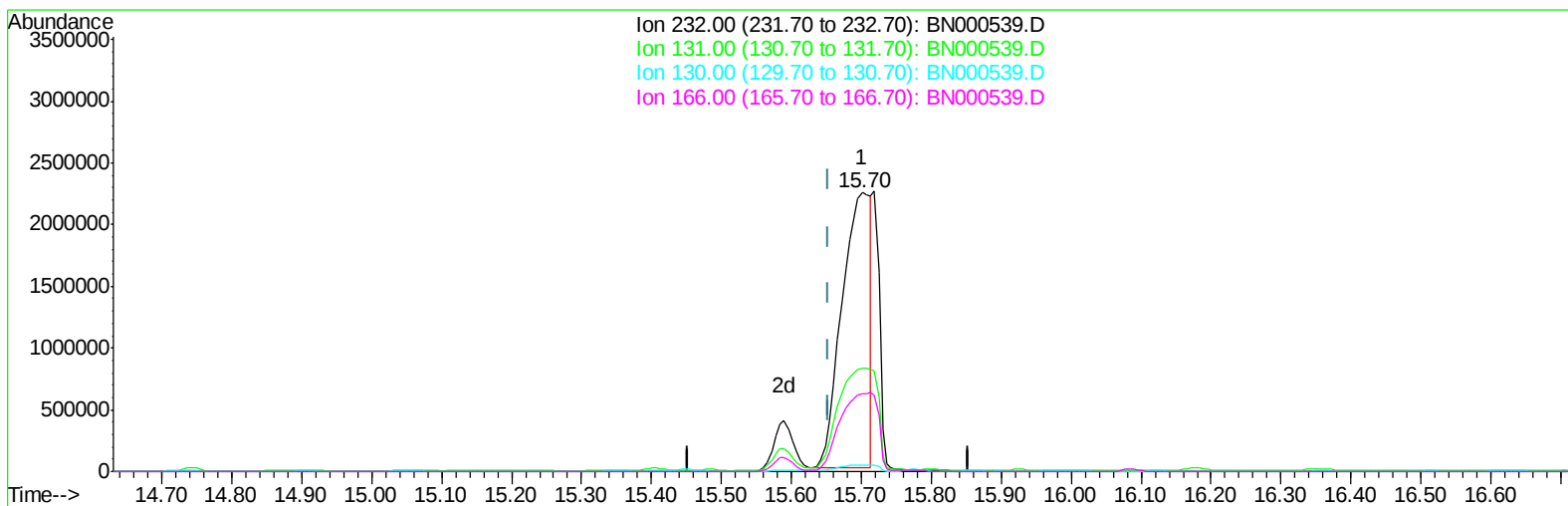
15.295min (+0.065) 13.89ng/ul m

response 80806

Ion	Exp%	Act%
143.00	100	100
113.00	77.10	72.53
41.00	32.60	257.23#
42.00	22.30	60.48#

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000539.D
Acq On : 22 Mar 2018 14:28
Operator : JU/SJ
Sample : J1905-13DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 23 02:23:25 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 23 02:22:02 2018
Response via : Initial Calibration



TIC: BN000539.D

(55) 2,3,4,6-Tetrachlorophenol

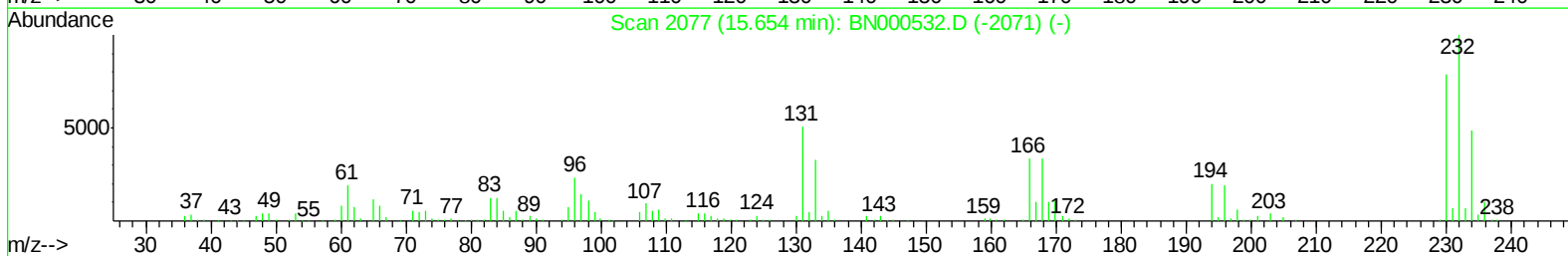
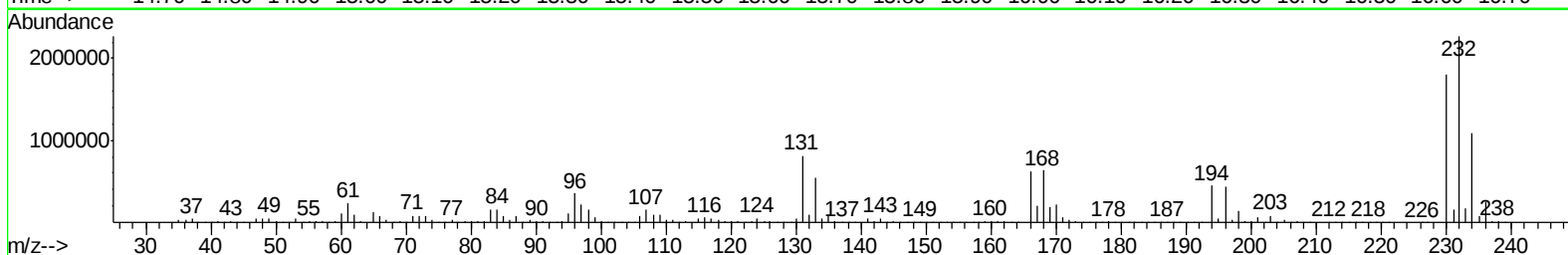
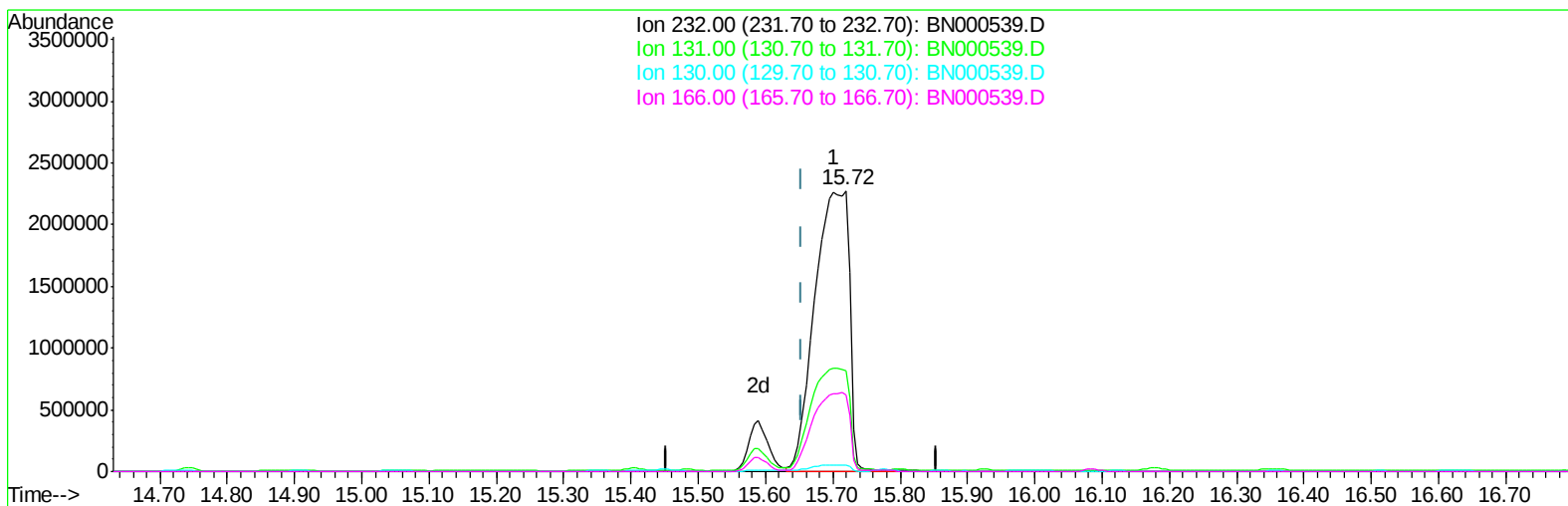
15.701min (+0.047) 989.05ng/ul

response 6363105

Ion	Exp%	Act%
232.00	100	100
131.00	60.00	36.88#
130.00	5.00	2.41#
166.00	40.00	27.67#

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000539.D
Acq On : 22 Mar 2018 14:28
Operator : JU/SJ
Sample : J1905-13DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 23 02:23:25 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 23 02:22:02 2018
Response via : Initial Calibration



TIC: BN000539.D

(55) 2,3,4,6-Tetrachlorophenol

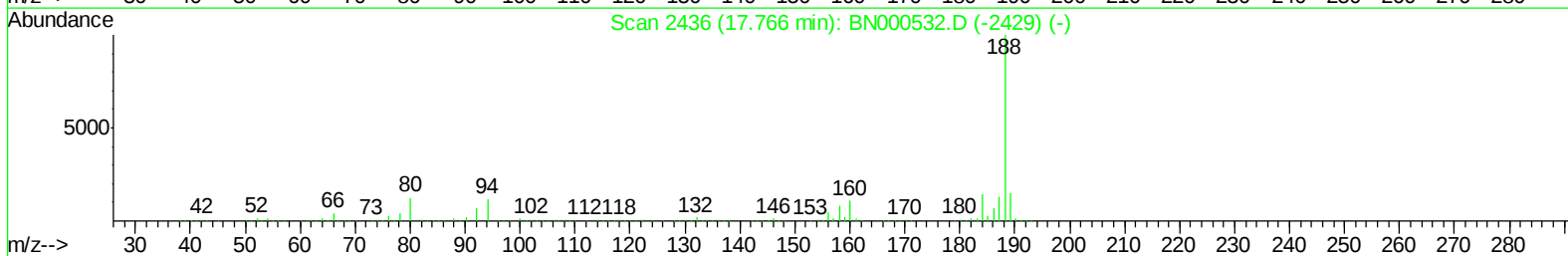
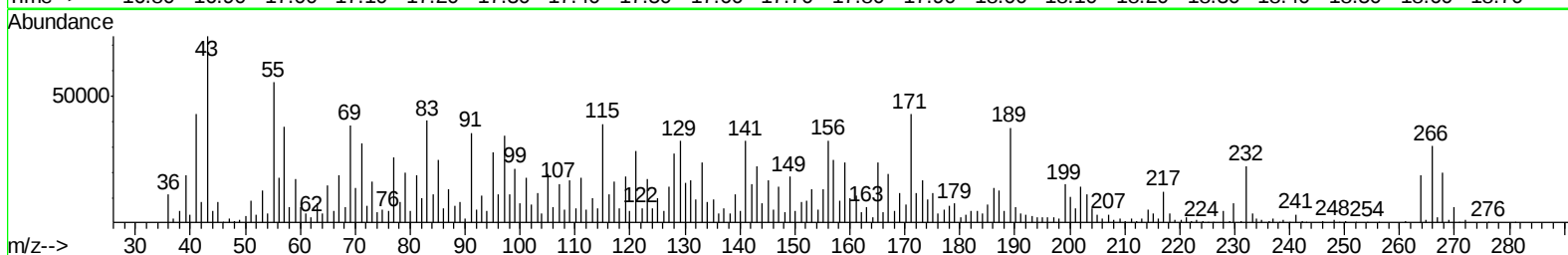
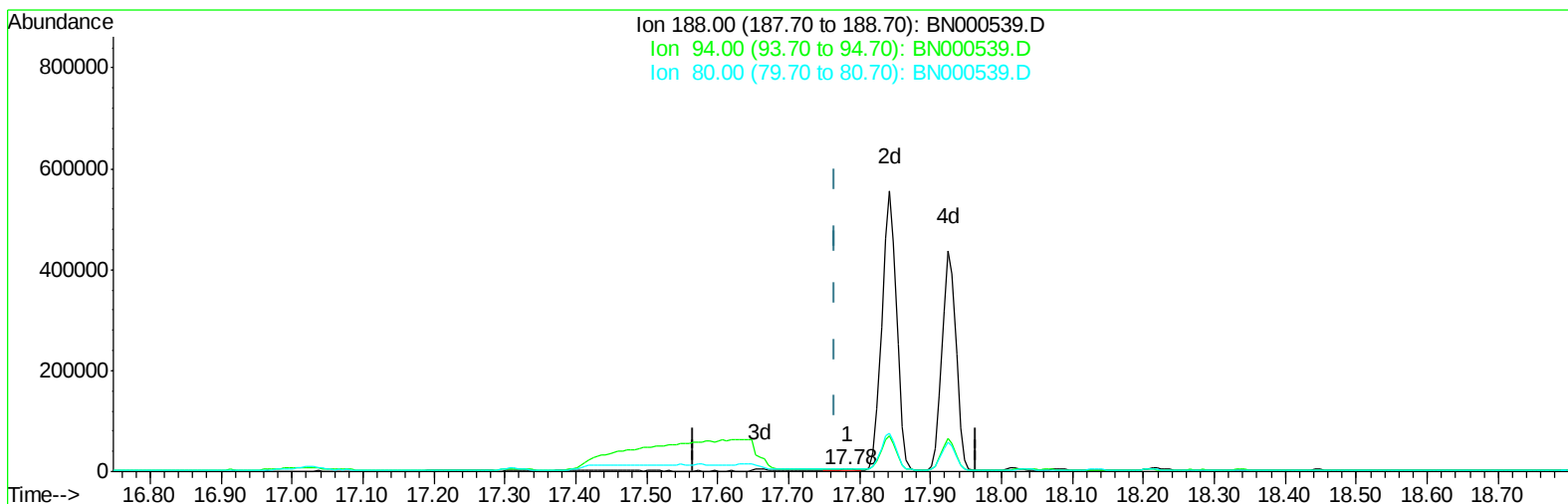
15.719min (+0.065) 1253.36ng/ul m

response 8063588

Ion	Exp%	Act%
232.00	100	100
131.00	60.00	35.97#
130.00	5.00	2.28#
166.00	40.00	27.36#

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000539.D
Acq On : 22 Mar 2018 14:28
Operator : JU/SJ
Sample : J1905-13DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 23 02:23:25 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 23 02:22:02 2018
Response via : Initial Calibration



TIC: BN000539.D

(61) Phenanthrene-d10 (I)

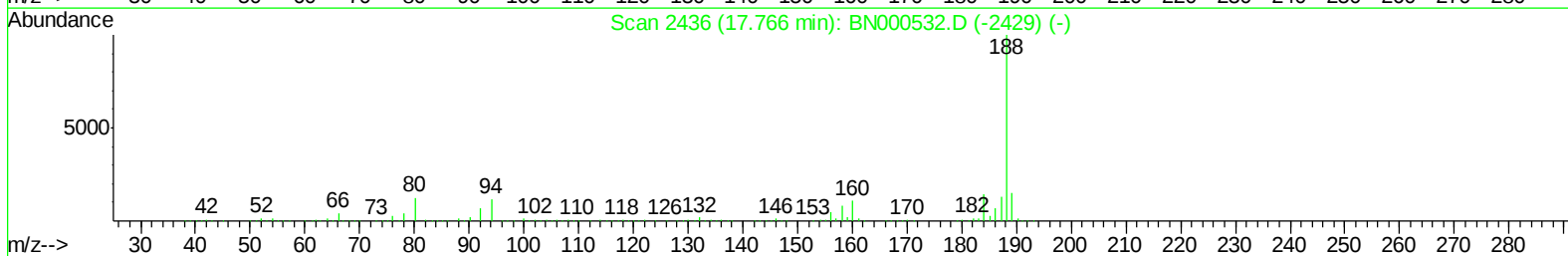
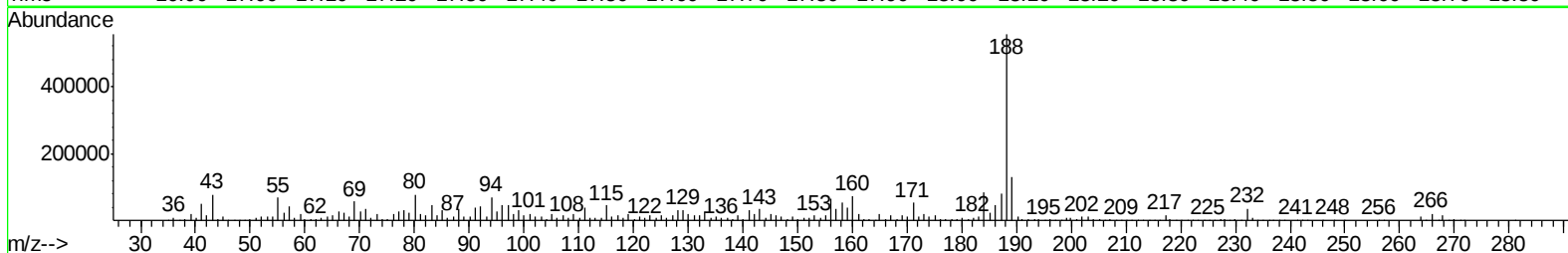
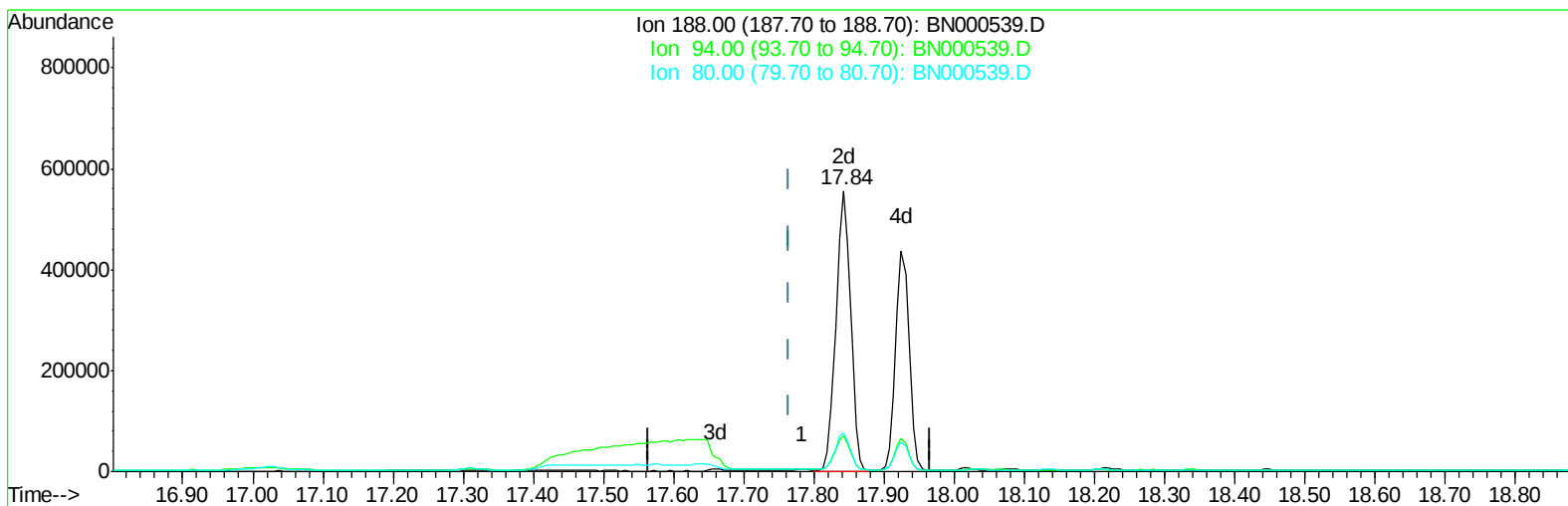
17.783min (+0.018) 20.00ng/ul

response 3618

Ion	Exp%	Act%
188.00	100	100
94.00	6.30	100.65#
80.00	7.70	103.19#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000539.D
Acq On : 22 Mar 2018 14:28
Operator : JU/SJ
Sample : J1905-13DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 23 04:30:57 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 23 02:22:02 2018
Response via : Initial Calibration



TIC: BN000539.D

(61) Phenanthrene-d10 (I)

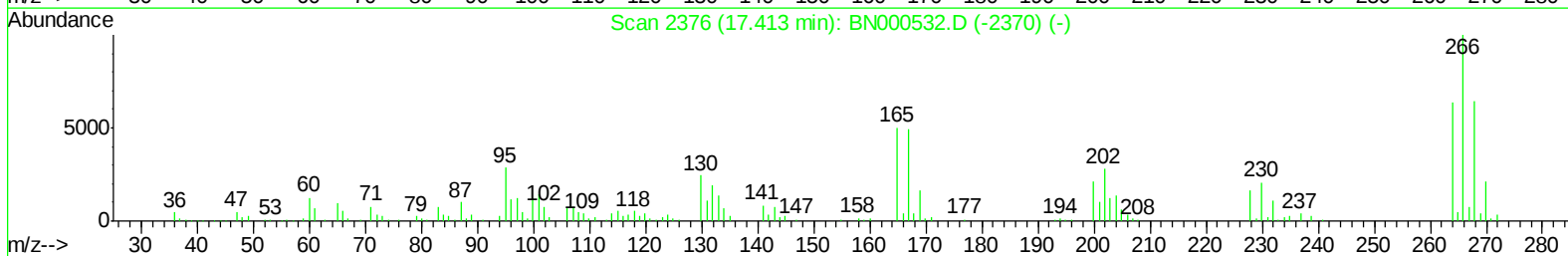
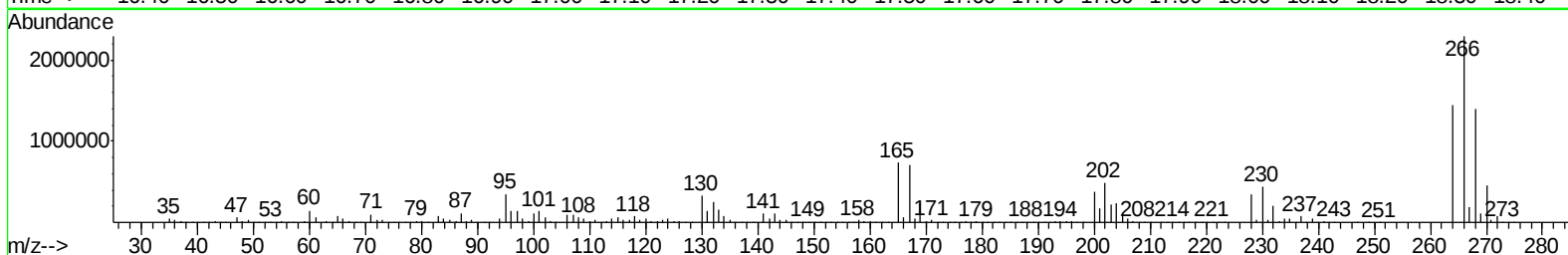
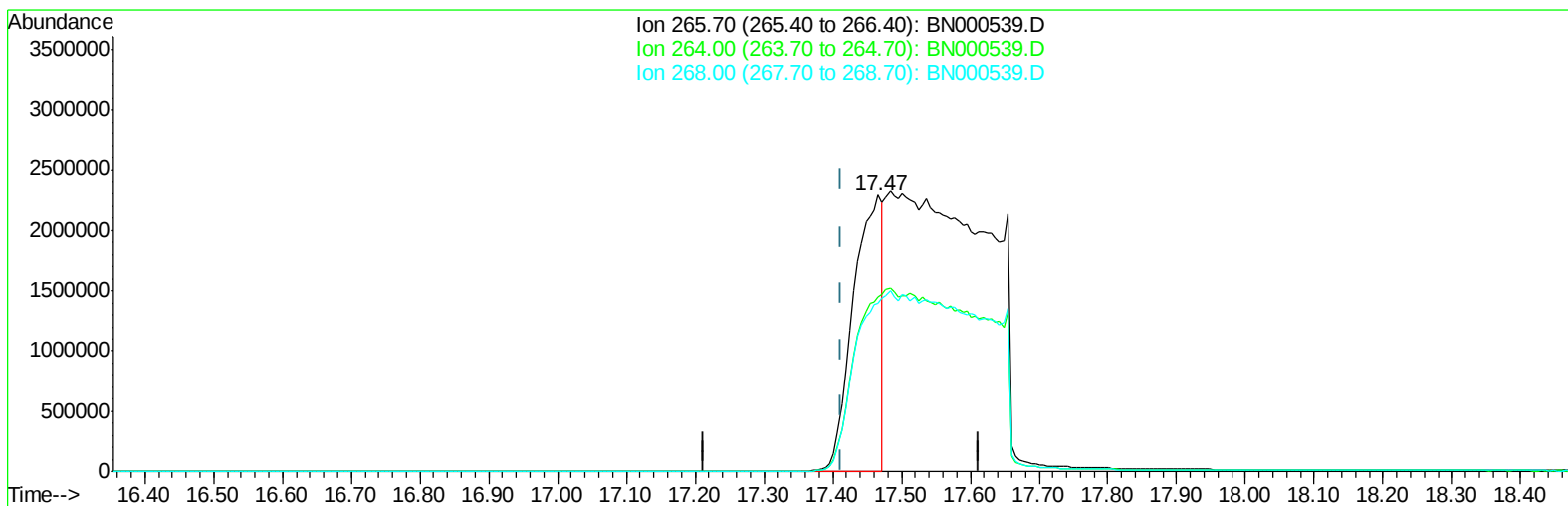
17.842min (+0.077) 20.00ng/ul m

response 813649

Ion	Exp%	Act%
188.00	100	100
94.00	6.30	12.65#
80.00	7.70	13.83#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000539.D
Acq On : 22 Mar 2018 14:28
Operator : JU/SJ
Sample : J1905-13DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 23 04:30:57 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 23 02:22:02 2018
Response via : Initial Calibration



TIC: BN000539.D

(68) Pentachlorophenol (C)

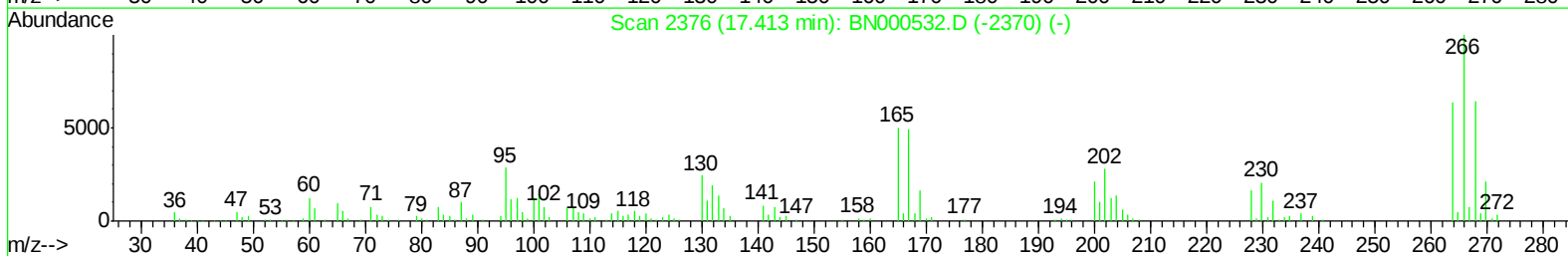
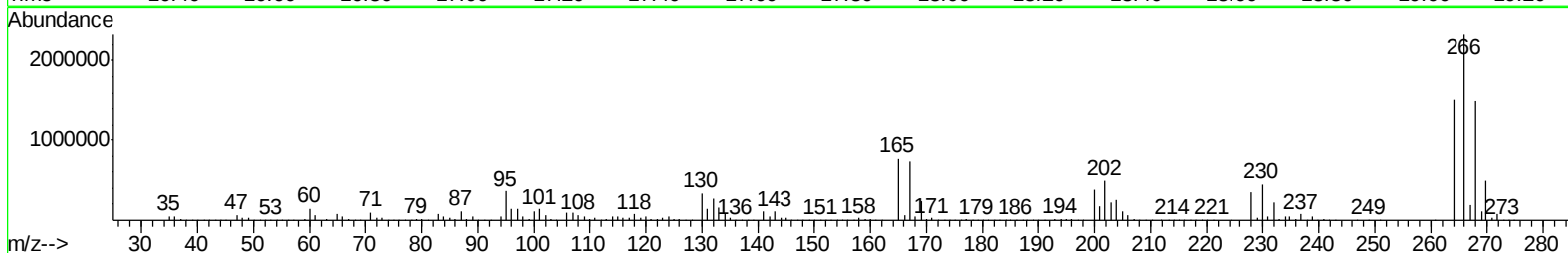
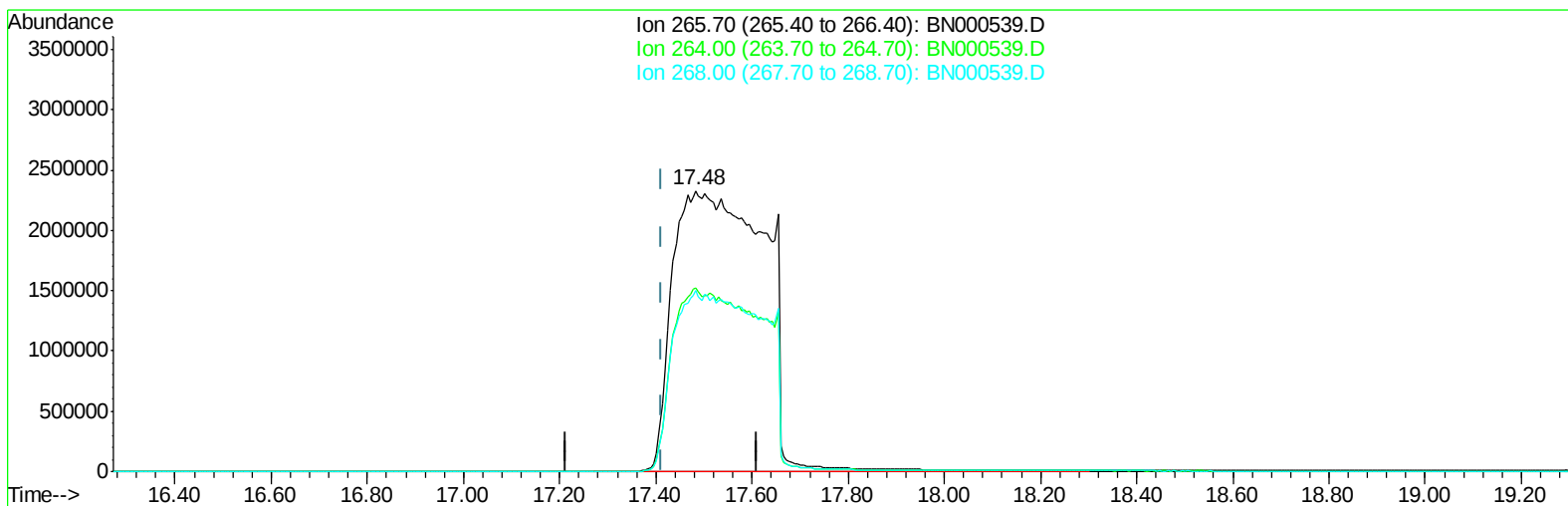
17.466min (+0.053) 1459.42ng/ul

response 6747061

Ion	Exp%	Act%
265.70	100	100
264.00	60.30	63.23
268.00	65.40	61.07
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000539.D
Acq On : 22 Mar 2018 14:28
Operator : JU/SJ
Sample : J1905-13DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 23 04:30:57 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 23 02:22:02 2018
Response via : Initial Calibration



TIC: BN000539.D

(68) Pentachlorophenol (C)

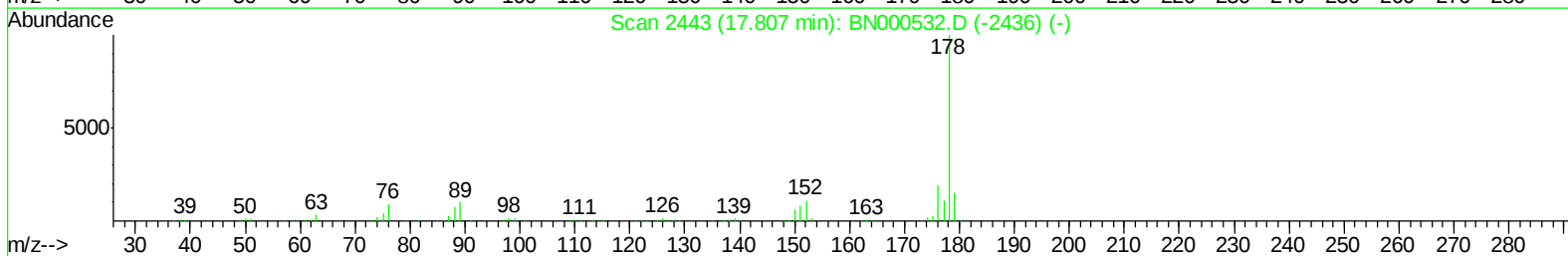
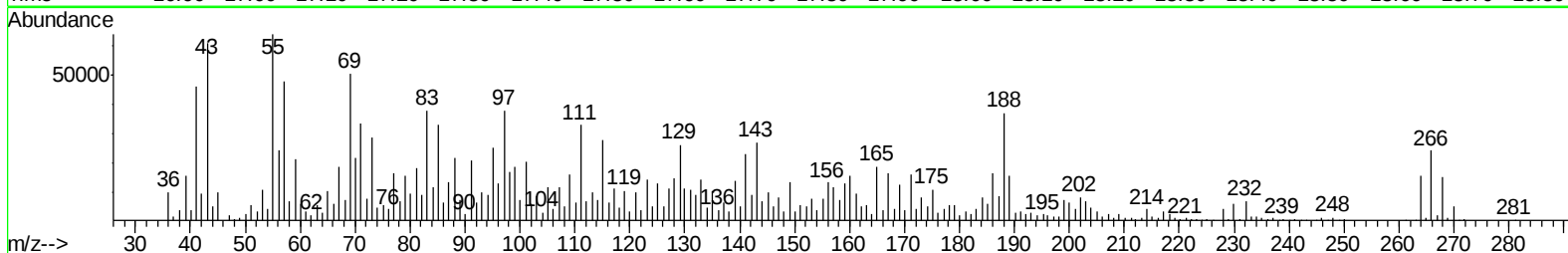
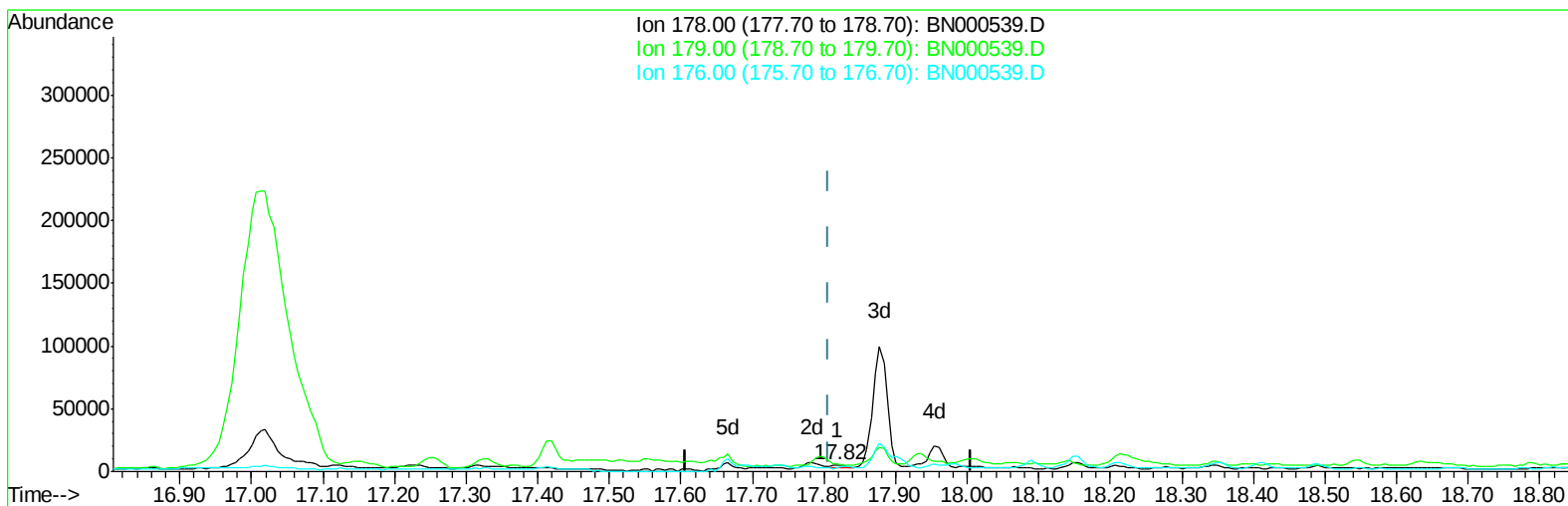
17.483min (+0.071) 6686.01ng/ul m

response 30910095

Ion	Exp%	Act%
265.70	100	100
264.00	60.30	65.35
268.00	65.40	64.69
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000539.D
Acq On : 22 Mar 2018 14:28
Operator : JU/SJ
Sample : J1905-13DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 23 04:30:57 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 23 02:22:02 2018
Response via : Initial Calibration



TIC: BN000539.D

(69) Phenanthrene

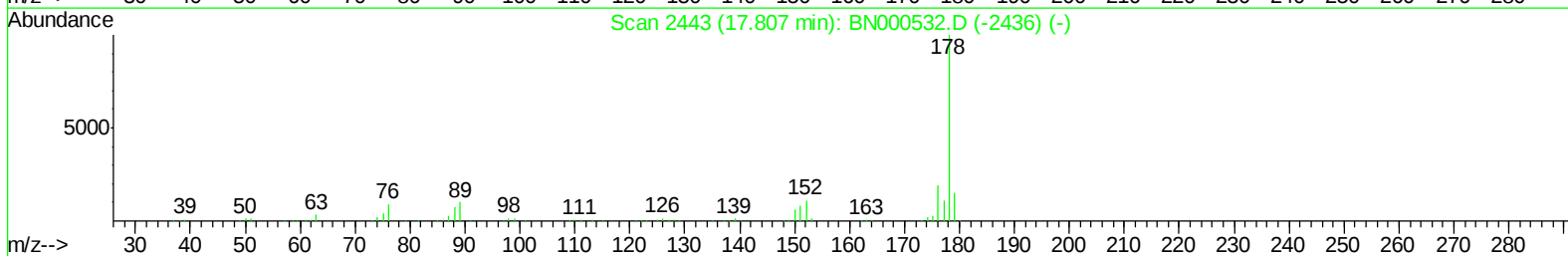
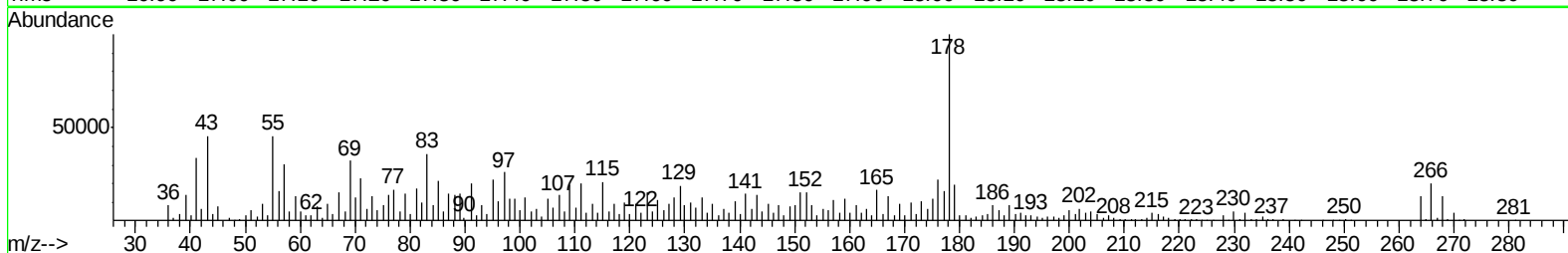
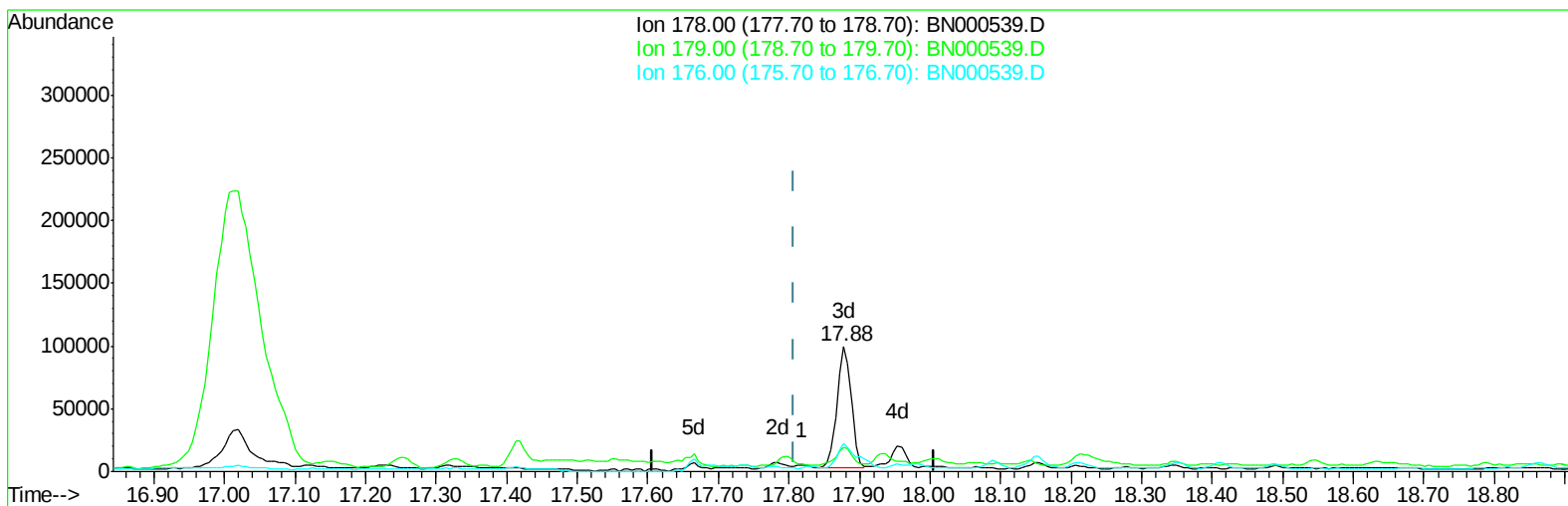
17.819min (+0.012) 0.08ng/ul

response 3626

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	105.30#
176.00	19.20	57.88#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000539.D
Acq On : 22 Mar 2018 14:28
Operator : JU/SJ
Sample : J1905-13DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 23 04:30:57 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 23 02:22:02 2018
Response via : Initial Calibration



TIC: BN000539.D

(69) Phenanthrene

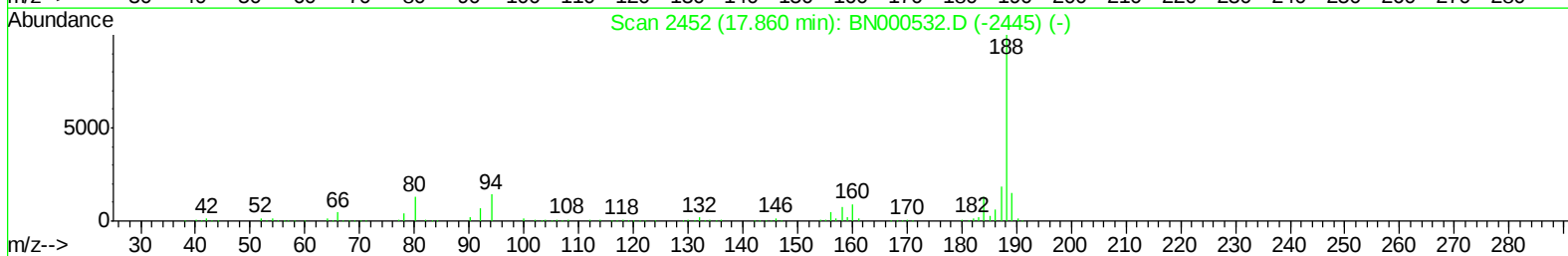
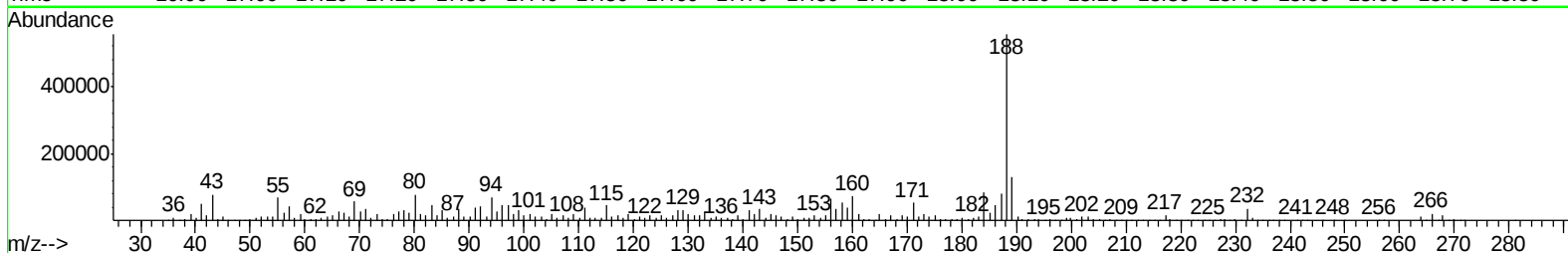
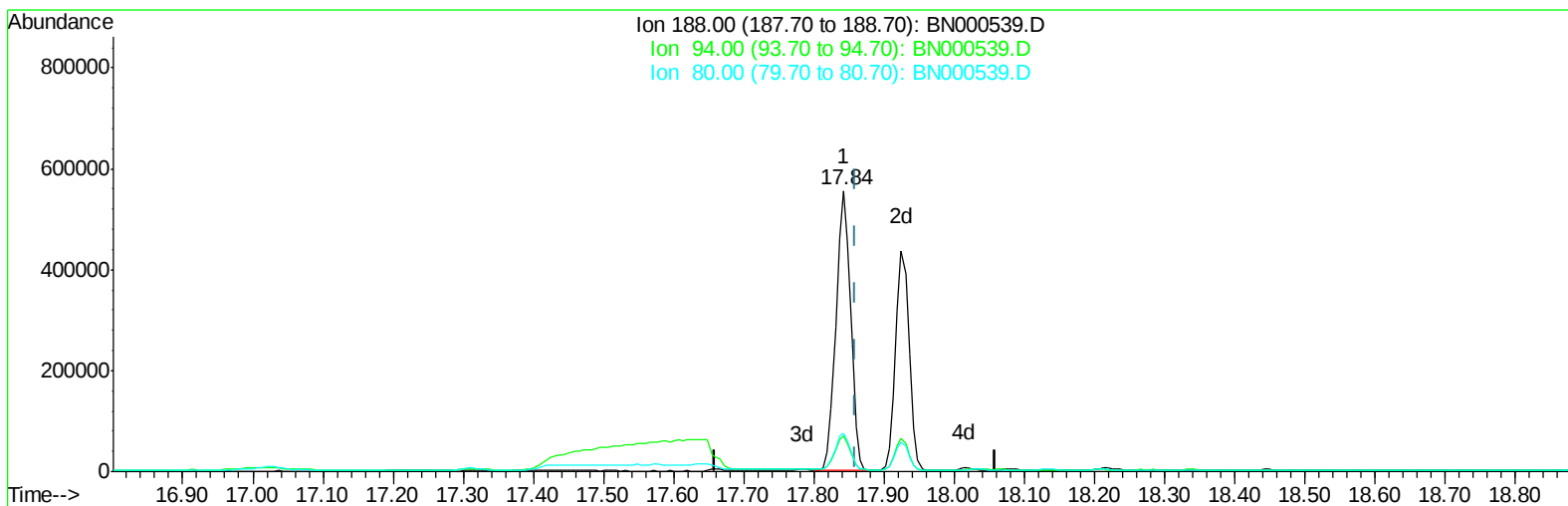
17.878min (+0.071) 2.87ng/ul m

response 134547

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	19.47#
176.00	19.20	22.36
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000539.D
Acq On : 22 Mar 2018 14:28
Operator : JU/SJ
Sample : J1905-13DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 23 04:30:57 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 23 02:22:02 2018
Response via : Initial Calibration



TIC: BN000539.D

(70) Anthracene-d10 (S)

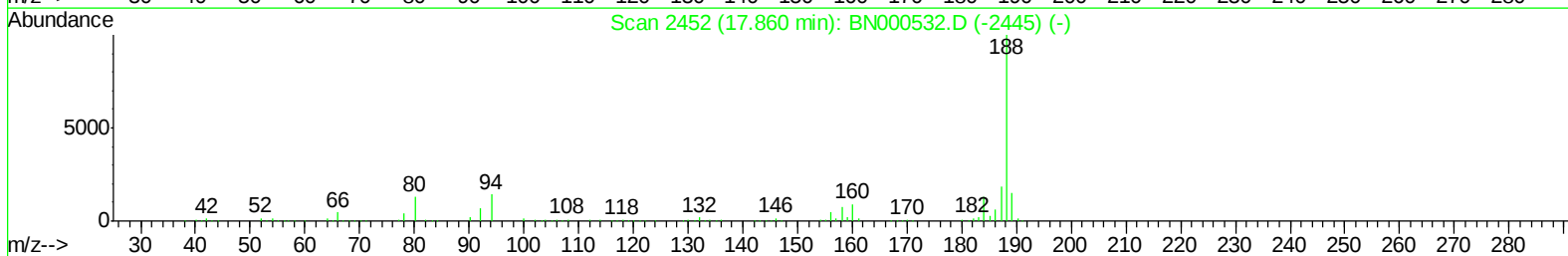
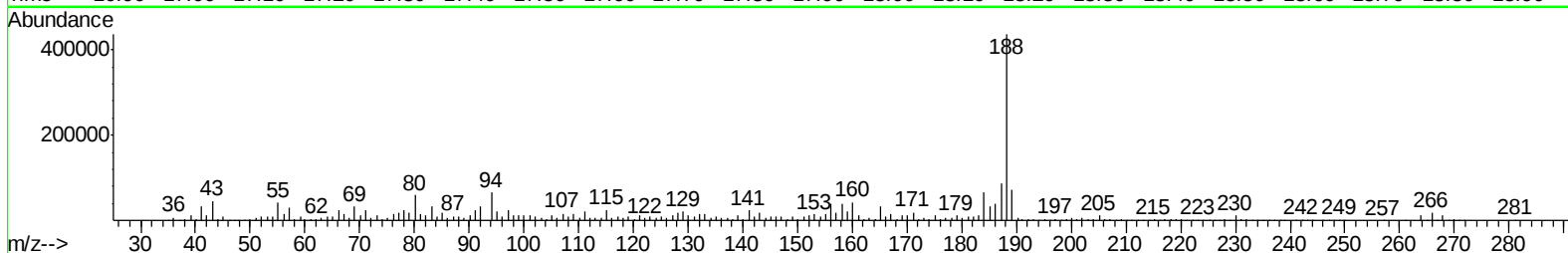
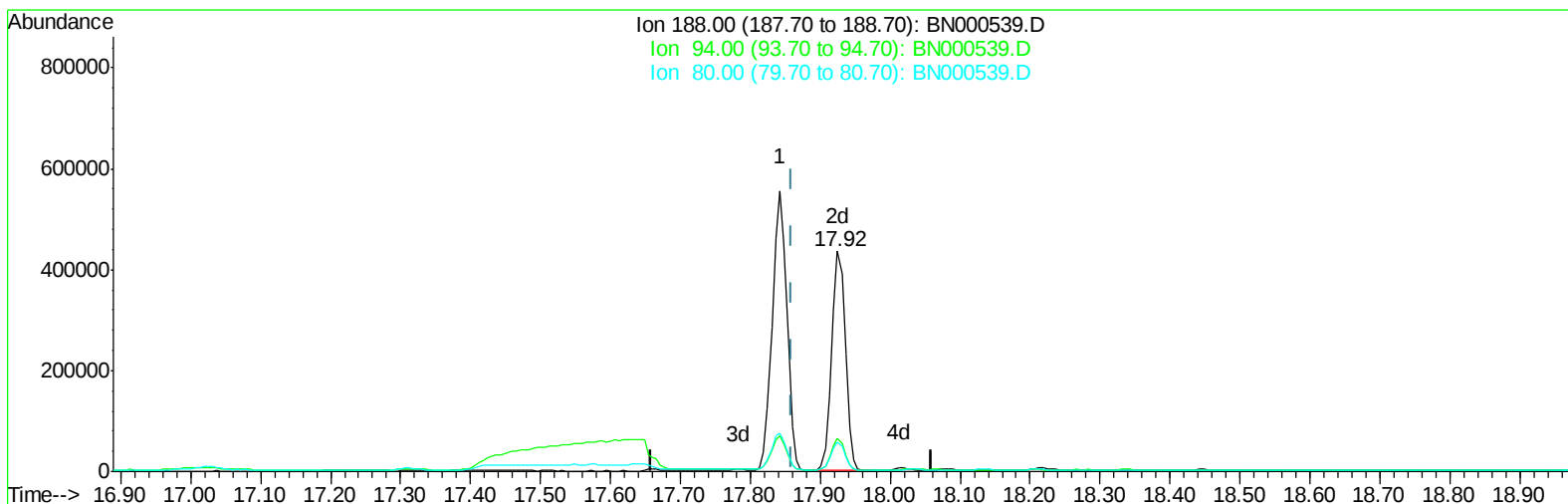
17.842min (-0.018) 20.54ng/ul

response 803180

Ion	Exp%	Act%
188.00	100	100
94.00	8.30	12.65#
80.00	7.70	13.83#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000539.D
Acq On : 22 Mar 2018 14:28
Operator : JU/SJ
Sample : J1905-13DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 23 04:30:57 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 23 02:22:02 2018
Response via : Initial Calibration



TIC: BN000539.D

(70) Anthracene-d10 (S)

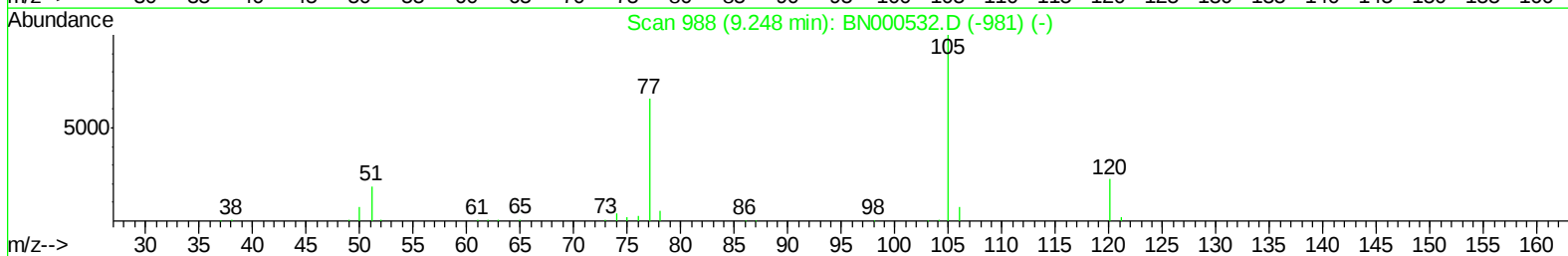
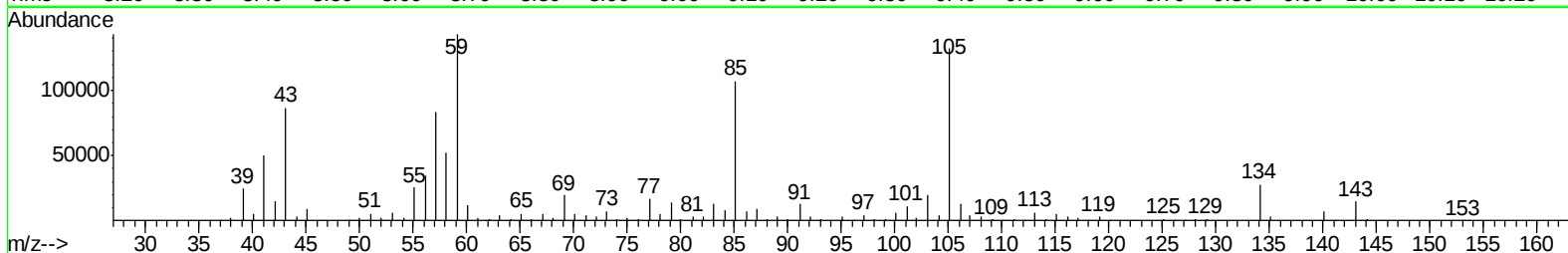
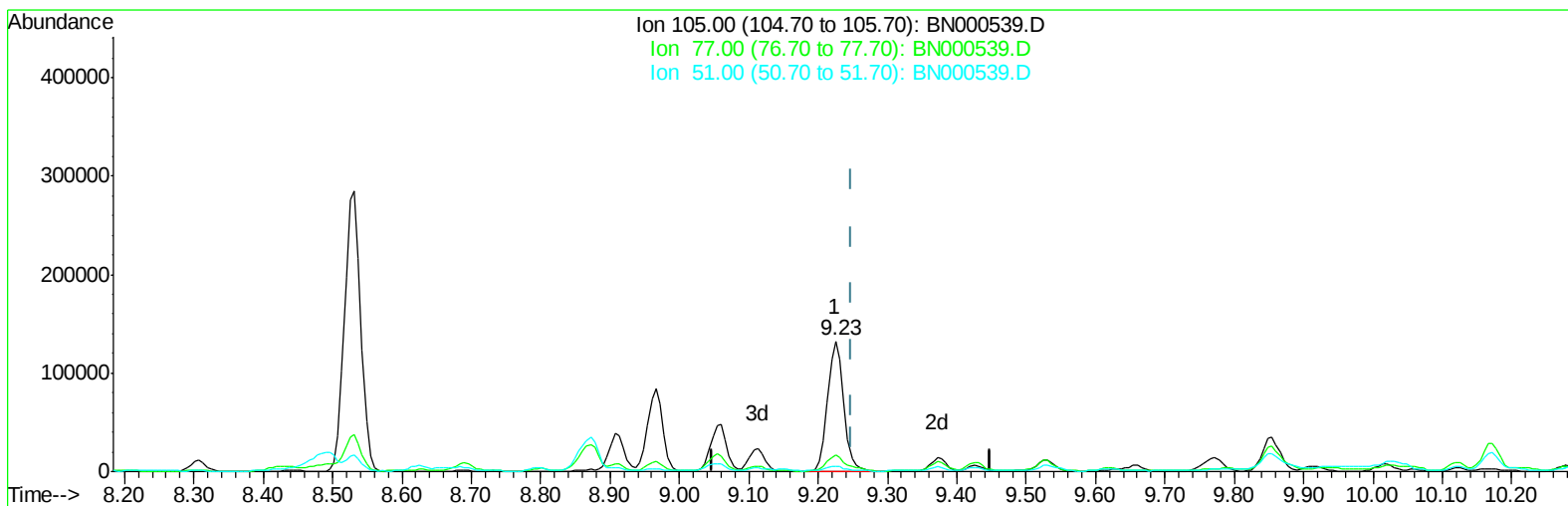
17.925min (+0.065) 15.19ng/ul m

response 594189

Ion	Exp%	Act%
188.00	100	100
94.00	8.30	14.90#
80.00	7.70	13.51#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000539.D
Acq On : 22 Mar 2018 14:28
Operator : JU/SJ
Sample : J1905-13DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 23 04:35:19 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 23 02:22:02 2018
Response via : Initial Calibration



TIC: BN000539.D

(14) Acetophenone

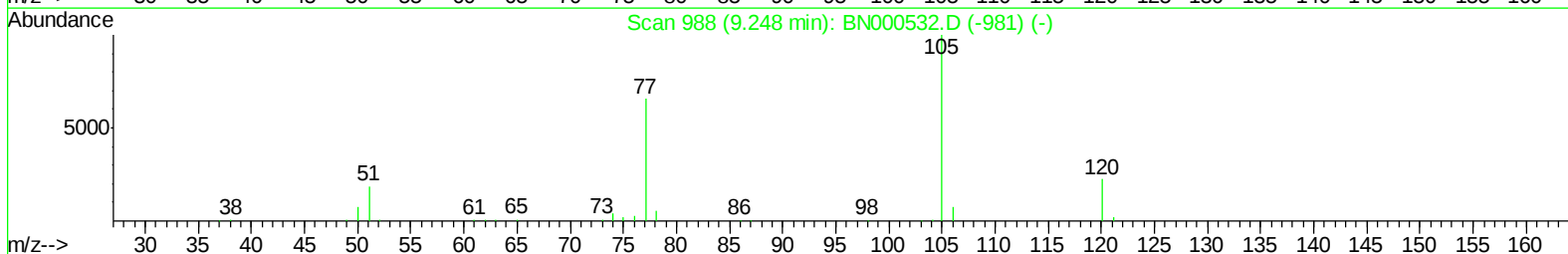
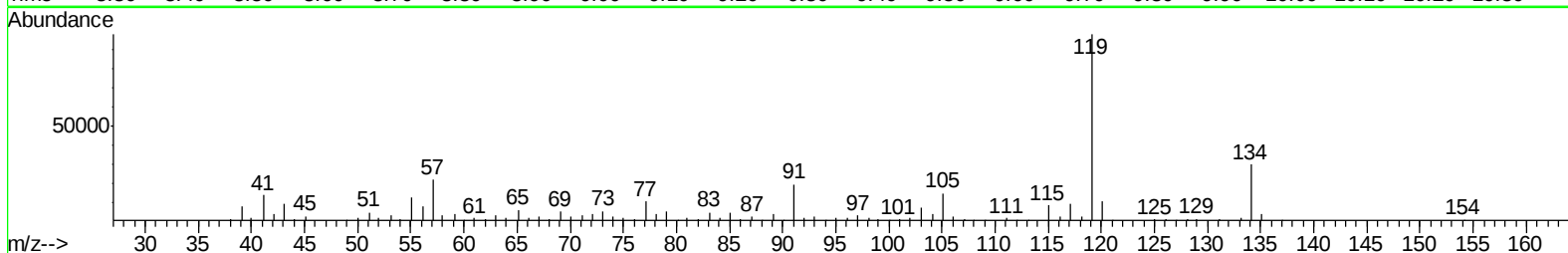
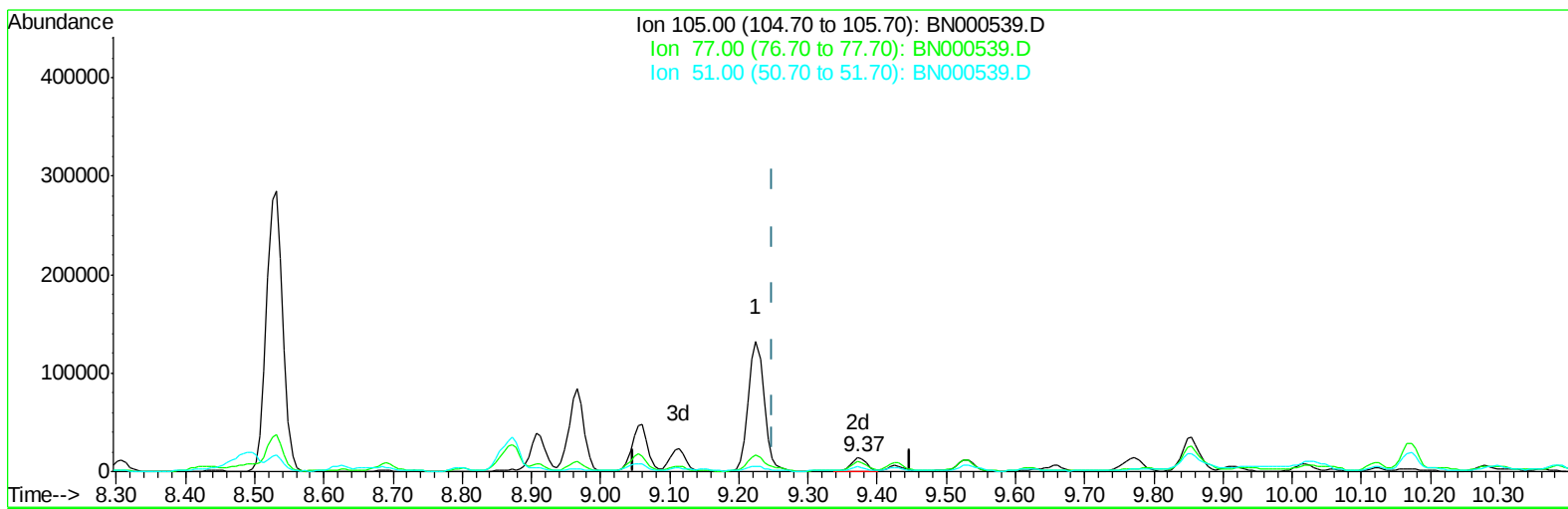
9.225min (-0.023) 11.74ng/ul

response 213875

Ion	Exp%	Act%
105.00	100	100
77.00	79.00	12.69#
51.00	24.80	4.19#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000539.D
Acq On : 22 Mar 2018 14:28
Operator : JU/SJ
Sample : J1905-13DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 23 04:35:19 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 23 02:22:02 2018
Response via : Initial Calibration



TIC: BN000539.D

(14) Acetophenone

9.372min (+0.124) 1.28ng/ul m

response 23287

Ion	Exp%	Act%
105.00	100	100
77.00	79.00	70.49
51.00	24.80	31.65#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
 Data File : BN000539.D
 Acq On : 22 Mar 2018 14:28
 Operator : JU/SJ
 Sample : J1905-13DL 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 23 04:36:22 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 23 02:22:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	168591	20.00	ng/ul	0.00
18) Naphthalene-d8	11.26	136	709325	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.04	164	396498	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.84	188	813649m	20.00	ng/ul	0.08
75) Chrysene-d12	21.89	240	835654	20.00	ng/ul	0.00
83) Perylene-d12	24.37	264	859163	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	4518	0.96	ng/uL	0.00
5) Phenol-d5	7.59	99	68095	4.33	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	7.72	67	148090	16.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.95	132	154449	12.99	ng/ul	0.00
13) 4-Methylphenol-d8	9.15	113	113139	9.23	ng/ul	0.02
19) Nitrobenzene-d5	9.60	128	89970	15.62	ng/ul	0.00
22) 2-Nitrophenol-d4	10.33	143	94845	15.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.89	165	157573	14.73	ng/ul	0.02
29) 4-Chloroaniline-d4	11.35	131	29511	2.69	ng/ul	-0.04
43) Dimethylphthalate-d6	14.44	166	474684	15.15	ng/ul	0.01
46) Acenaphthylene-d8	14.74	160	596500	14.43	ng/ul	0.00
51) 4-Nitrophenol-d4	15.30	143	80806m	13.89	ng/ul	0.06
57) Fluorene-d10	16.03	176	399801	14.98	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	16.17	200	214600	46.05	ng/ul	0.03
70) Anthracene-d10	17.92	188	594189m	15.19	ng/ul	0.06
76) Pyrene-d10	20.12	212	648319	14.05	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.21	264	617171	15.22	ng/ul	0.00
Target Compounds				Ovalue		
6) Phenol	7.62	94	19740	1.230	ng/ul#	53
14) Acetophenone	9.37	105	23287m	1.279	ng/ul	
21) Isophorone	10.17	82	1414362	52.172	ng/ul#	98
27) 2,4-Dichlorophenol	10.92	162	33940	3.269	ng/ul#	80
28) Naphthalene	11.31	128	254270	6.826	ng/ul	96
34) 2-Methylnaphthalene	12.89	142	183439	7.376	ng/ul	100
38) 2,4,6-Trichlorophenol	13.50	196	92394	11.435	ng/ul	98
39) 2,4,5-Trichlorophenol	13.58	196	90107	10.695	ng/ul	97
49) Acenaphthene	15.10	153	30953	1.121	ng/ul	92
55) 2,3,4,6-Tetrachlorophenol	15.72	232	8063588m	1253.363	ng/ul	
68) Pentachlorophenol	17.48	266	30910095m	6686.008	ng/ul	
69) Phenanthrene	17.88	178	134547m	2.870	ng/ul	
72) Carbazole	18.19	167	251439	6.100	ng/ul#	94
74) Fluoranthene	19.80	202	55698	1.196	ng/ul#	51

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

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_N\DATA\BN032218\
 Data File : BN000539.D
 Acq On : 22 Mar 2018 14:28
 Operator : JU/SJ
 Sample : J1905-13DL 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 23 11:11:59 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 23 02:22:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	168591	20.00	ng/ul	0.00
18) Naphthalene-d8	11.26	136	709325	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.04	164	396498	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.84	188	813649m	20.00	ng/ul	0.08
75) Chrysene-d12	21.89	240	835654	20.00	ng/ul	0.00
83) Perylene-d12	24.37	264	859163	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	4518	0.96	ng/uL	0.00
5) Phenol-d5	7.59	99	68095	4.33	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	7.72	67	148090	16.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.95	132	154449	12.99	ng/ul	0.00
13) 4-Methylphenol-d8	9.15	113	113139	9.23	ng/ul	0.02
19) Nitrobenzene-d5	9.60	128	89970	15.62	ng/ul	0.00
22) 2-Nitrophenol-d4	10.33	143	94845	15.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.89	165	157573	14.73	ng/ul	0.02
29) 4-Chloroaniline-d4	11.35	131	29511	2.69	ng/ul	-0.04
43) Dimethylphthalate-d6	14.44	166	474684	15.15	ng/ul	0.01
46) Acenaphthylene-d8	14.74	160	596500	14.43	ng/ul	0.00
51) 4-Nitrophenol-d4	15.30	143	80806m	13.89	ng/ul	0.06
57) Fluorene-d10	16.03	176	399801	14.98	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	16.17	200	214600	46.05	ng/ul	0.03
70) Anthracene-d10	17.92	188	594189m	15.19	ng/ul	0.06
76) Pyrene-d10	20.12	212	648319	14.05	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.21	264	617171	15.22	ng/ul	0.00
Target Compounds						
6) Phenol	7.62	94	19740	1.230	ng/ul#	53
21) Isophorone	10.17	82	1414362	52.172	ng/ul#	98
27) 2,4-Dichlorophenol	10.92	162	33940	3.269	ng/ul#	80
28) Naphthalene	11.31	128	254270	6.826	ng/ul	96
34) 2-Methylnaphthalene	12.89	142	183439	7.376	ng/ul	100
38) 2,4,6-Trichlorophenol	13.50	196	92394	11.435	ng/ul	98
39) 2,4,5-Trichlorophenol	13.58	196	90107	10.695	ng/ul	97
49) Acenaphthene	15.10	153	30953	1.121	ng/ul	92
55) 2,3,4,6-Tetrachlorophenol	15.72	232	8063588m	1253.363	ng/ul	
68) Pentachlorophenol	17.48	266	30910095m	6686.008	ng/ul	
69) Phenanthrene	17.88	178	134547m	2.870	ng/ul	
72) Carbazole	18.19	167	251439	6.100	ng/ul#	94
74) Fluoranthene	19.80	202	55698	1.196	ng/ul#	51

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

