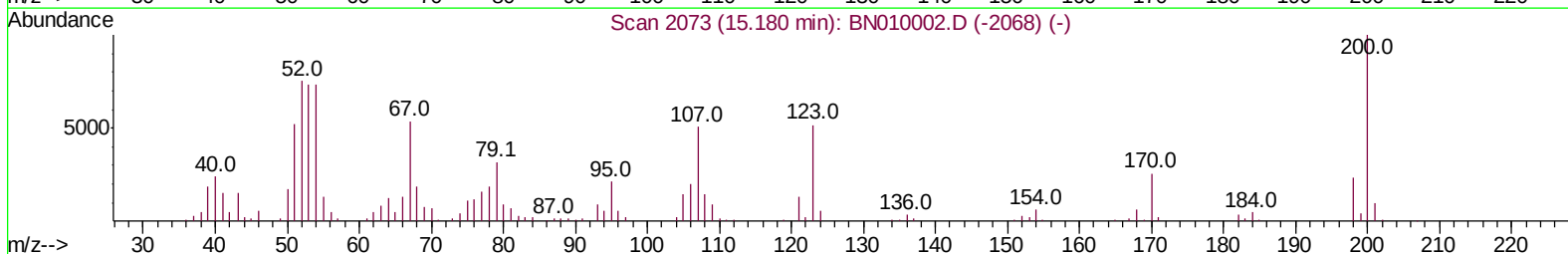
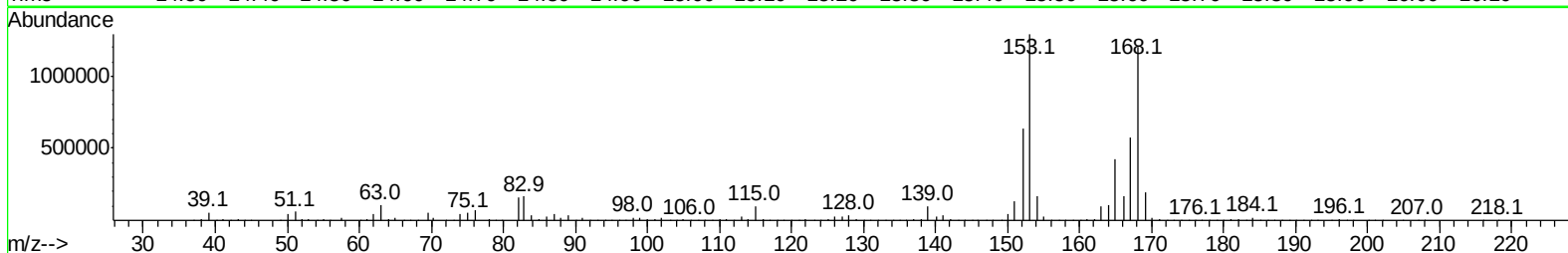
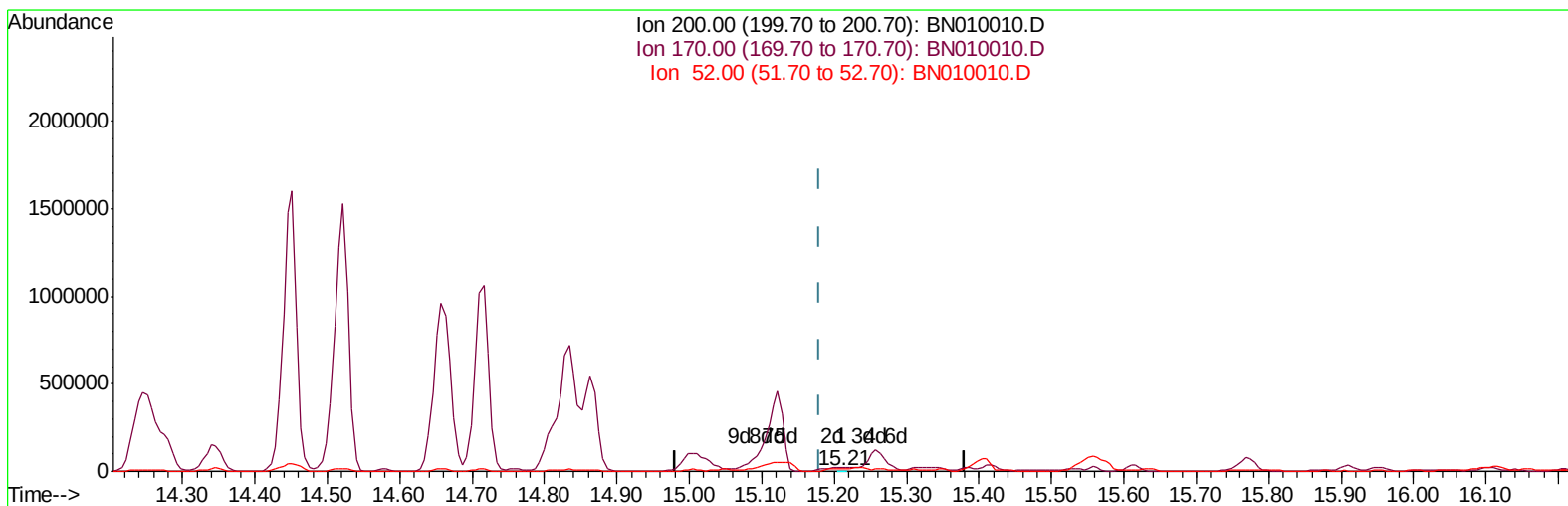


Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
Data File : BN010010.D
Acq On : 29 Feb 2020 06:19
Operator : CG/JU
Sample : L1507-22RX
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Mar 02 13:53:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 29 01:38:10 2020
Response via : Initial Calibration



TIC: BN010010.D

(63) 4,6-Dinitro-2-methylphenol-d2 (S)

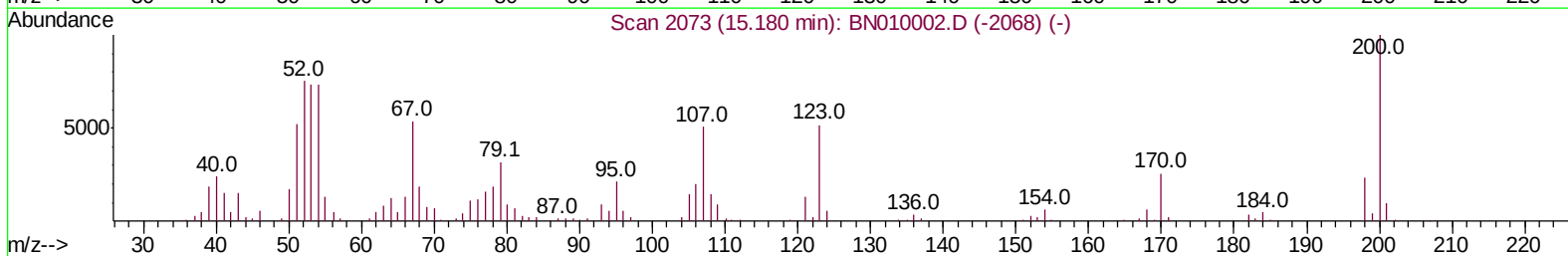
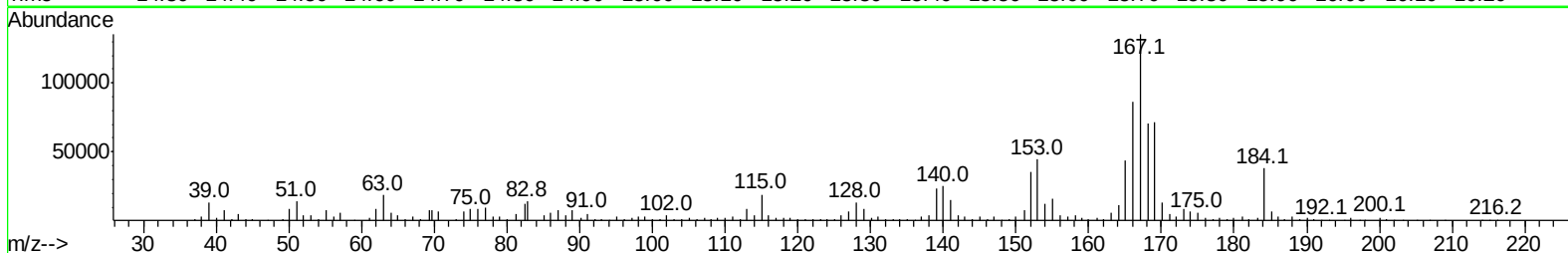
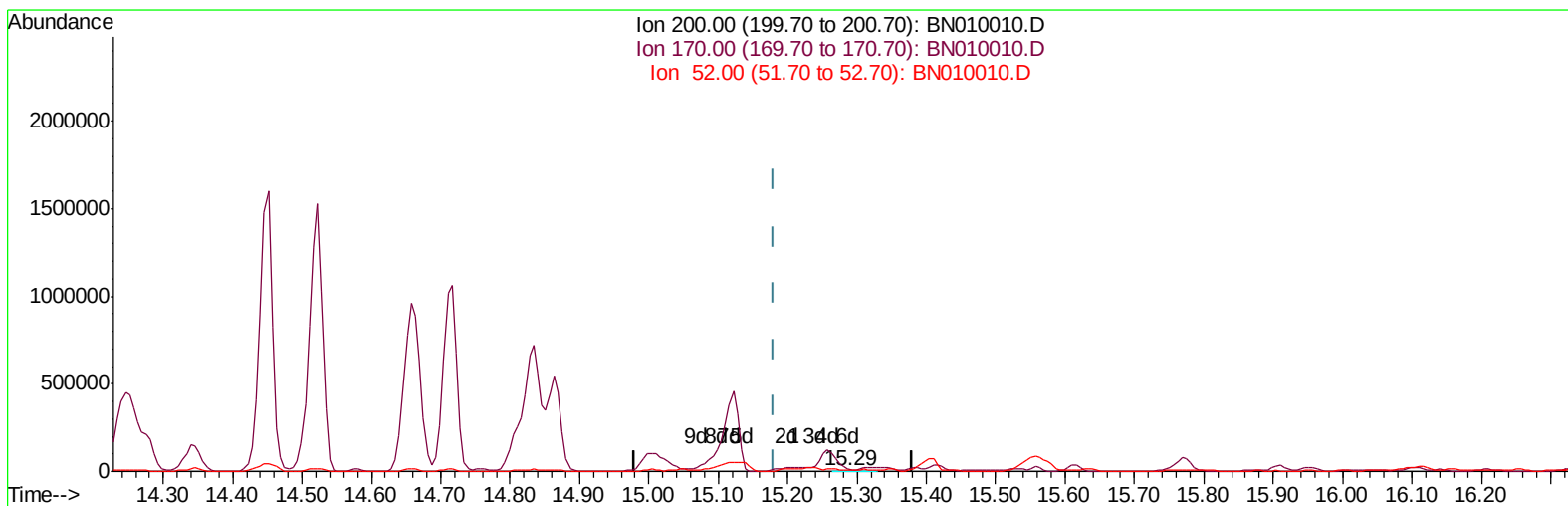
15.210min (+0.029) 0.10ng/ul

response 302

Ion	Exp%	Act%
200.00	100	100
170.00	22.10	1690.03#
52.00	71.30	1091.82#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
 Data File : BN010010.D
 Acq On : 29 Feb 2020 06:19
 Operator : CG/JU
 Sample : L1507-22RX
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Quant Time: Mar 02 13:53:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Feb 29 01:38:10 2020
 Response via : Initial Calibration



TIC: BN010010.D

(63) 4,6-Dinitro-2-methylphenol-d2 (S)

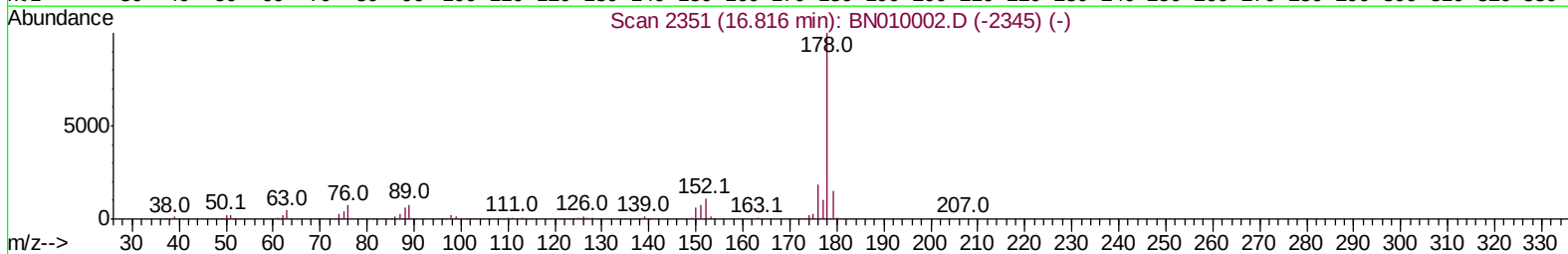
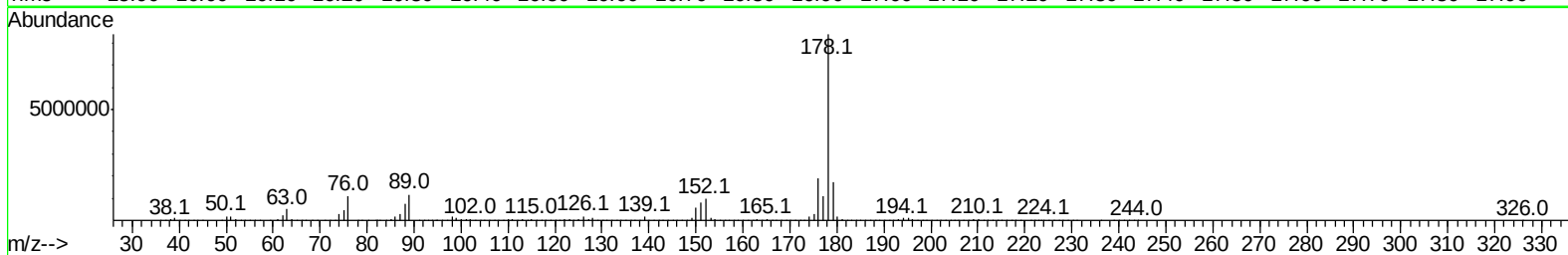
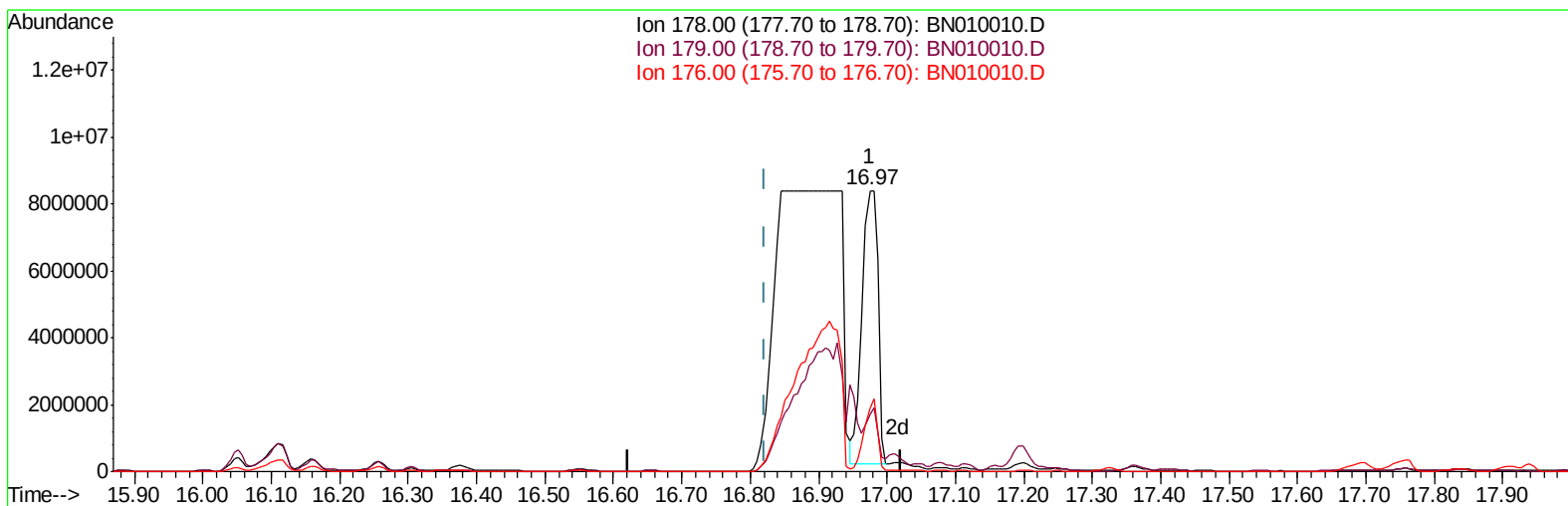
15.287min (+0.106) 1.87ng/ul m

response 5431

Ion	Exp%	Act%
200.00	100	100
170.00	22.10	575.63#
52.00	71.30	172.72#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
Data File : BN010010.D
Acq On : 29 Feb 2020 06:19
Operator : CG/JU
Sample : L1507-22RX
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Mar 02 13:53:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 29 01:38:10 2020
Response via : Initial Calibration



TIC: BN010010.D

(70) Phenanthrene

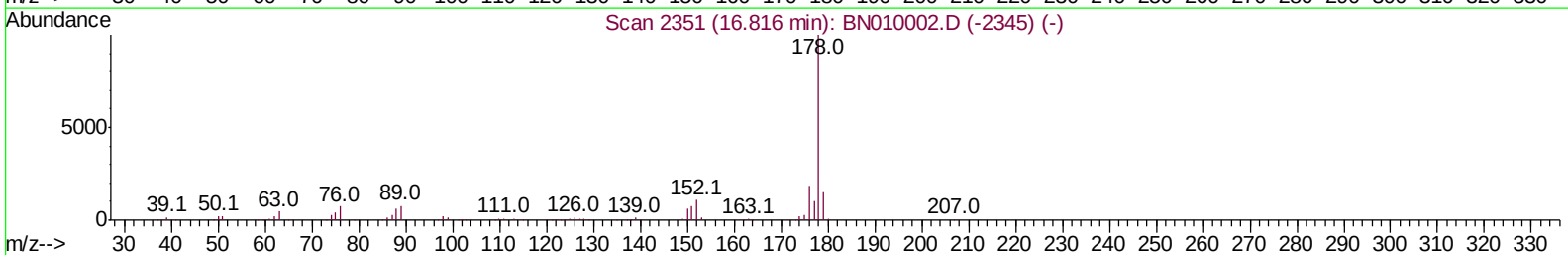
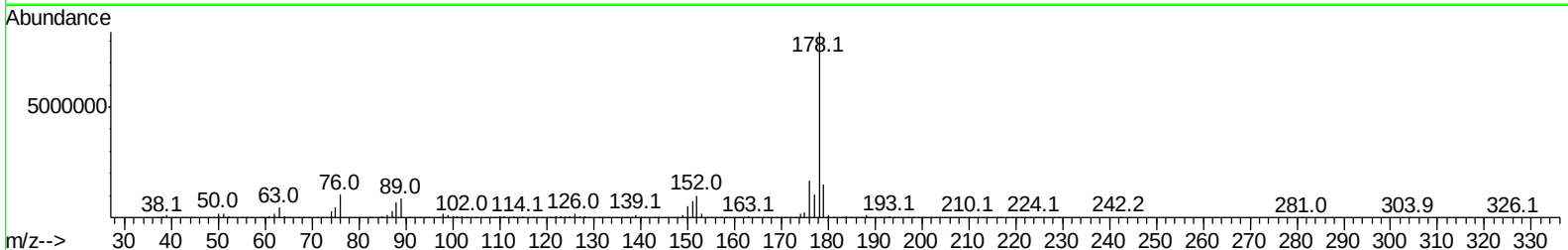
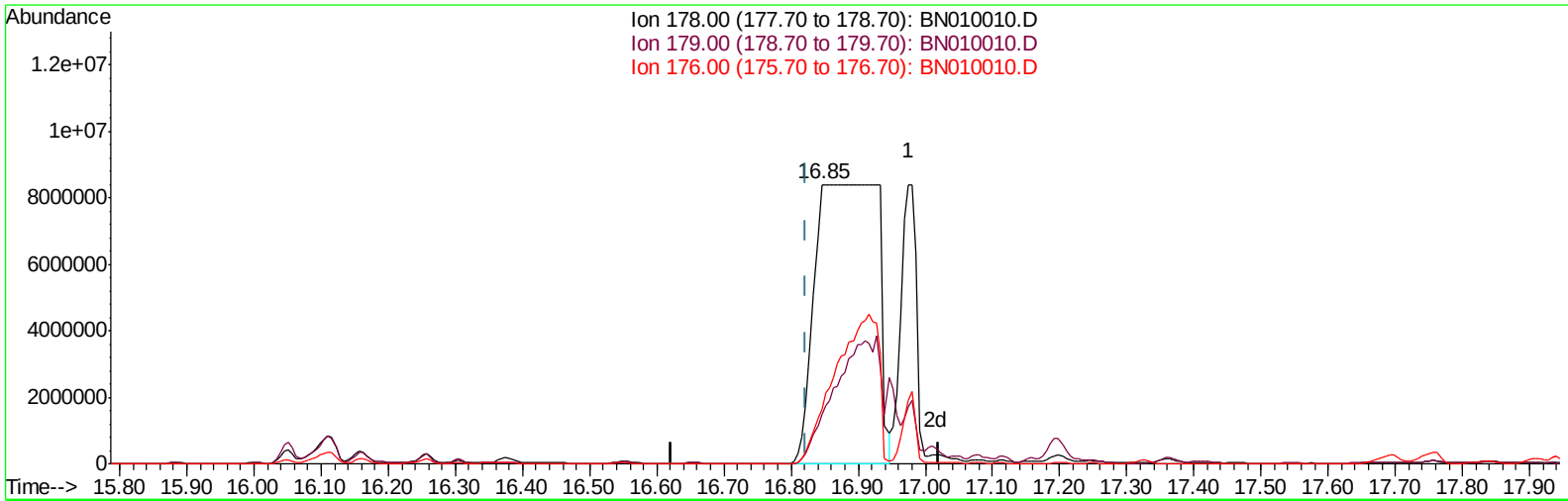
16.975min (+0.153) 490.69ng/ul

response 13116287

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	20.39#
176.00	18.30	22.68#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
Data File : BN010010.D
Acq On : 29 Feb 2020 06:19
Operator : CG/JU
Sample : L1507-22RX
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Mar 02 13:53:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 29 01:38:10 2020
Response via : Initial Calibration



TIC: BN010010.D

(70) Phenanthrene

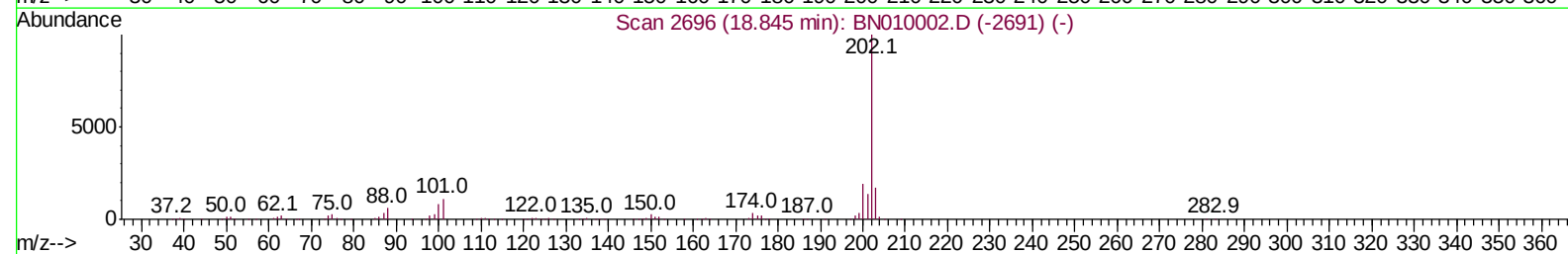
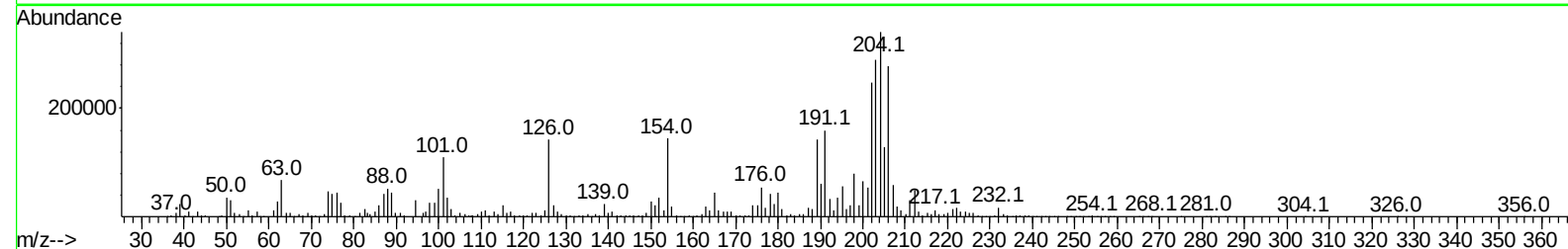
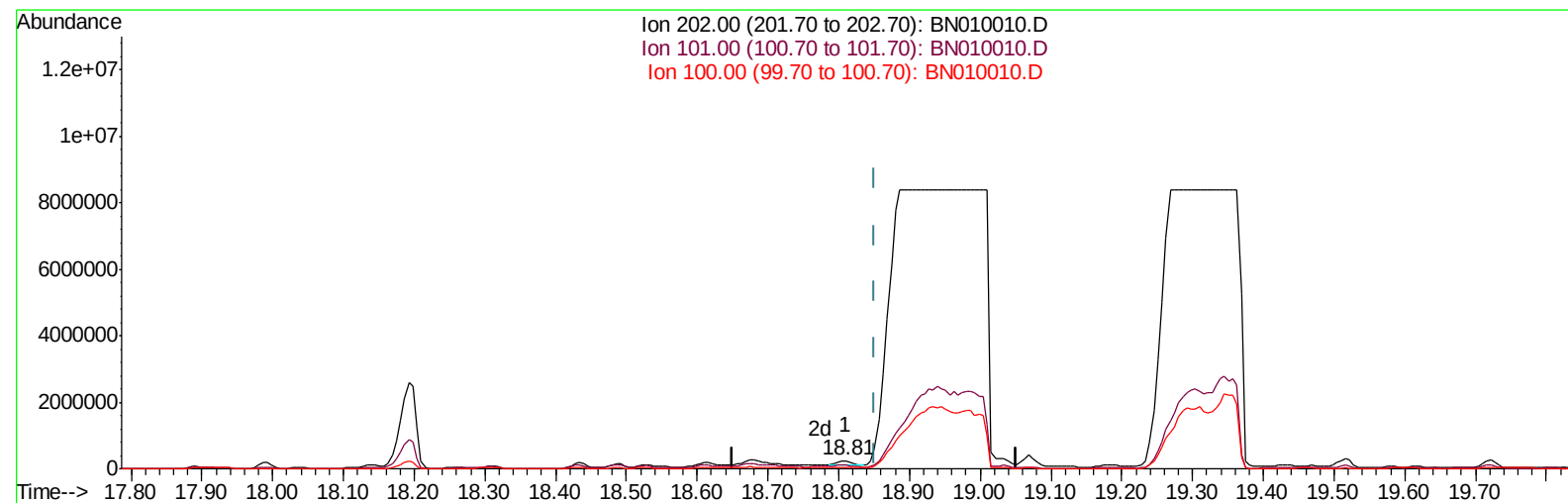
16.845min (+0.024) 2041.04ng/ul m

response 54557697

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	17.85
176.00	18.30	19.77
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
Data File : BN010010.D
Acq On : 29 Feb 2020 06:19
Operator : CG/JU
Sample : L1507-22RX
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Mar 02 13:53:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 29 01:38:10 2020
Response via : Initial Calibration



TIC: BN010010.D

(77) Fluoranthene (C)

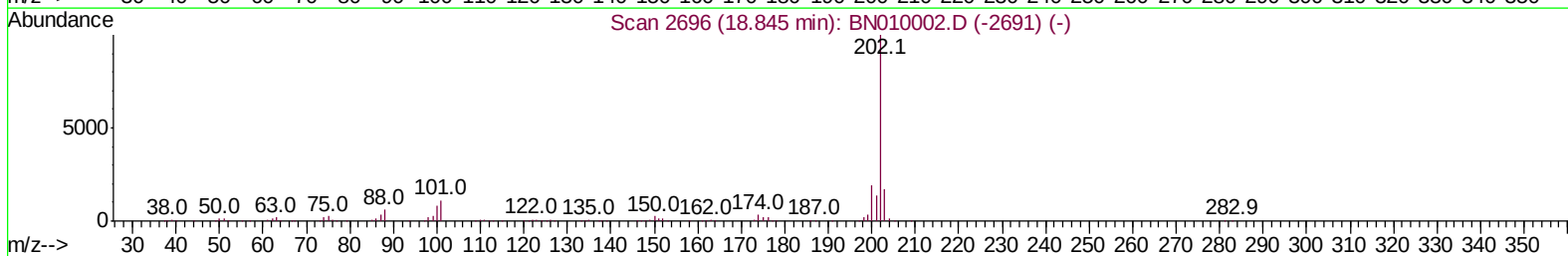
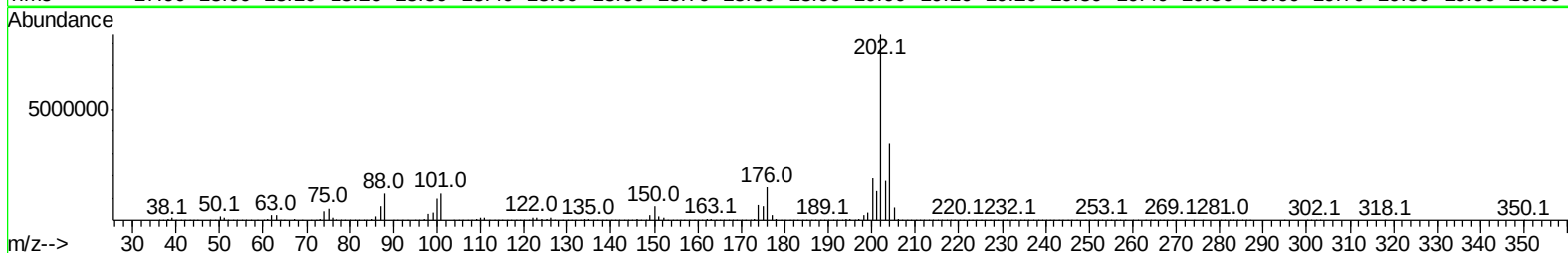
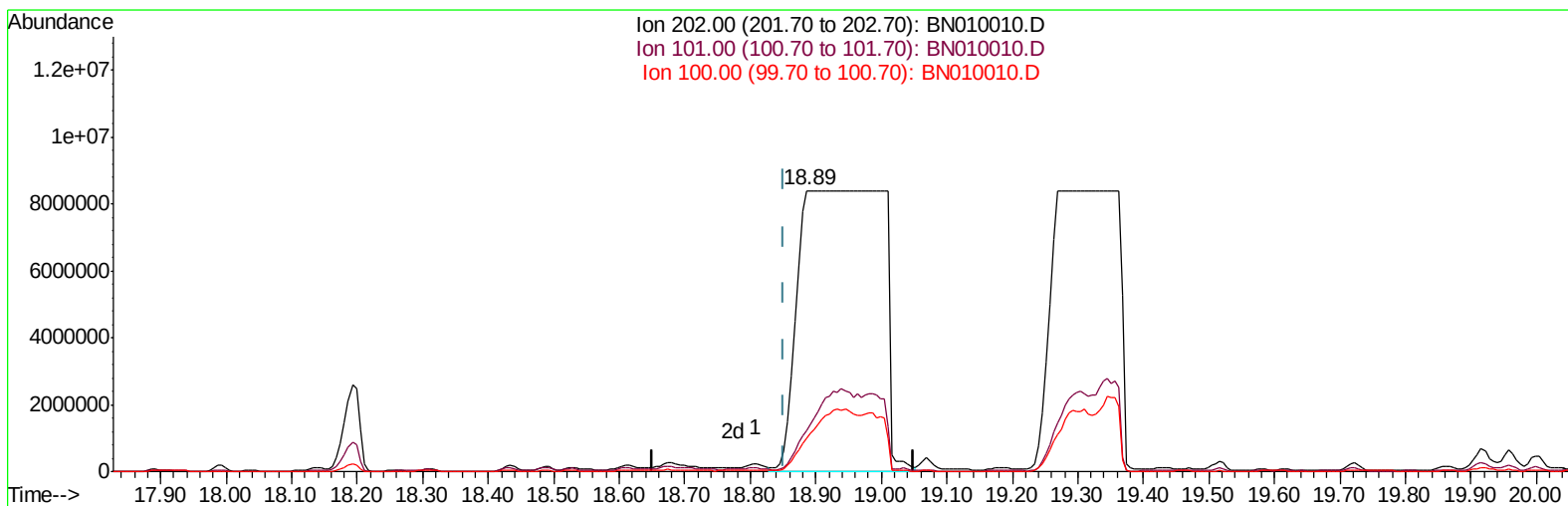
18.810min (-0.041) 5.62ng/ul

response 176059

Ion	Exp%	Act%
202.00	100	100
101.00	11.80	44.12#
100.00	9.00	20.91#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
Data File : BN010010.D
Acq On : 29 Feb 2020 06:19
Operator : CG/JU
Sample : L1507-22RX
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Mar 02 13:53:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 29 01:38:10 2020
Response via : Initial Calibration



TIC: BN010010.D

(77) Fluoranthene (C)

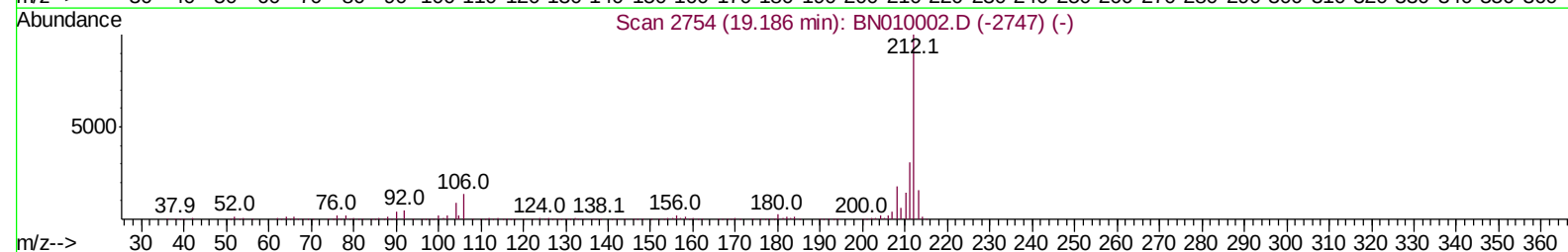
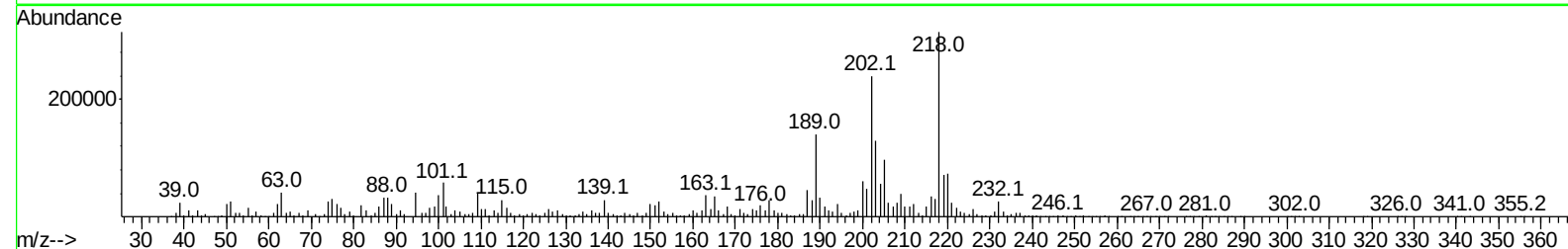
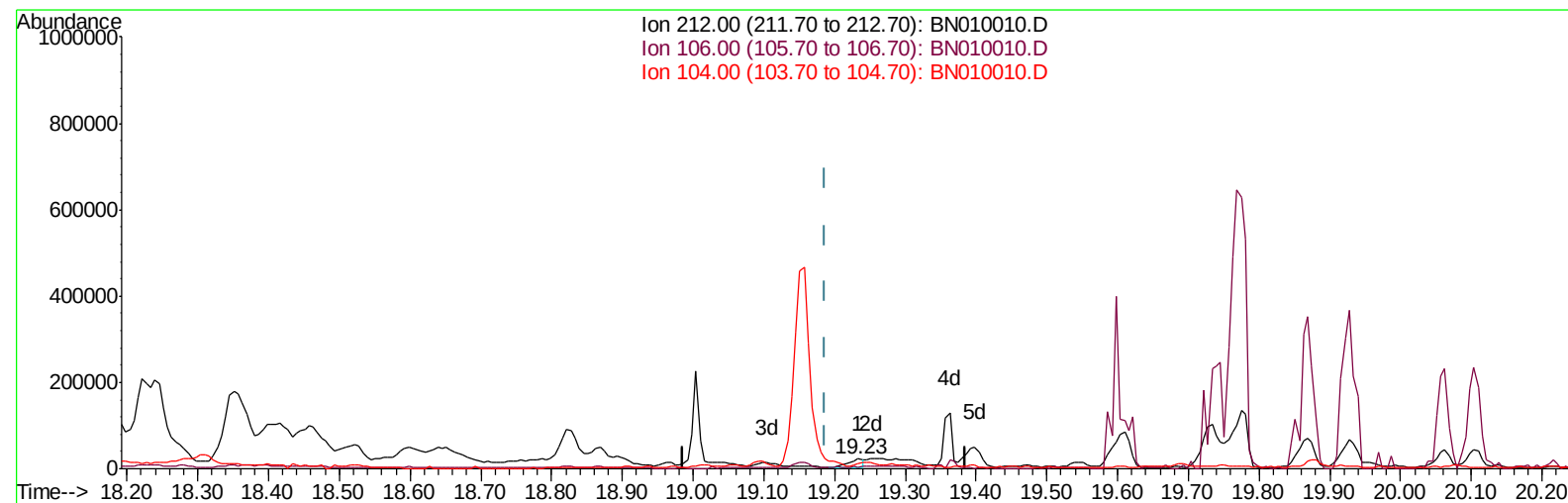
18.886min (+0.035) 2371.28ng/ul m

response 74246910

Ion	Exp%	Act%
202.00	100	100
101.00	11.80	14.62#
100.00	9.00	11.71#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
Data File : BN010010.D
Acq On : 29 Feb 2020 06:19
Operator : CG/JU
Sample : L1507-22RX
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Mar 02 13:53:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 29 01:38:10 2020
Response via : Initial Calibration



TIC: BN010010.D

(79) Pyrene-d10 (S)

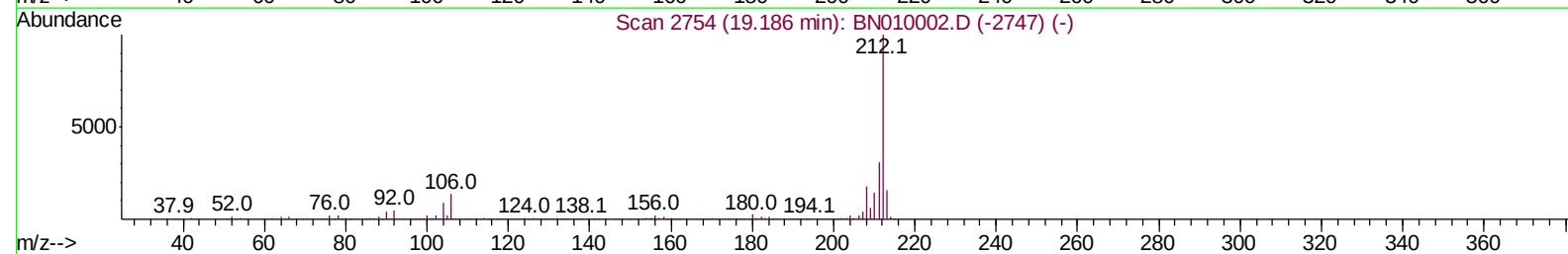
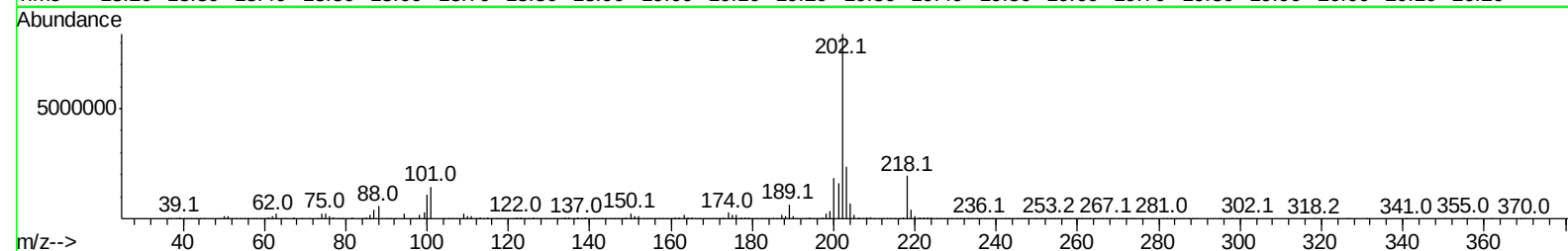
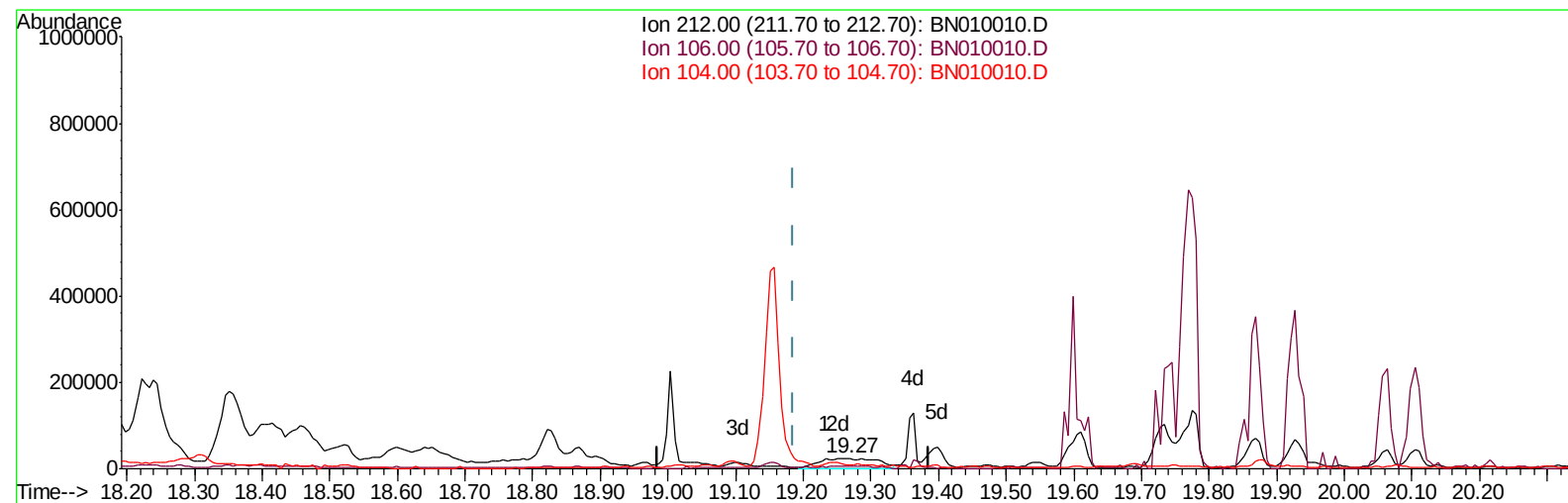
19.233min (+0.047) 1.13ng/ul

response 27297

Ion	Exp%	Act%
212.00	100	100
106.00	13.80	18.89#
104.00	9.30	54.57#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
Data File : BN010010.D
Acq On : 29 Feb 2020 06:19
Operator : CG/JU
Sample : L1507-22RX
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Mar 02 13:53:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 29 01:38:10 2020
Response via : Initial Calibration



TIC: BN010010.D

(79) Pyrene-d10 (S)

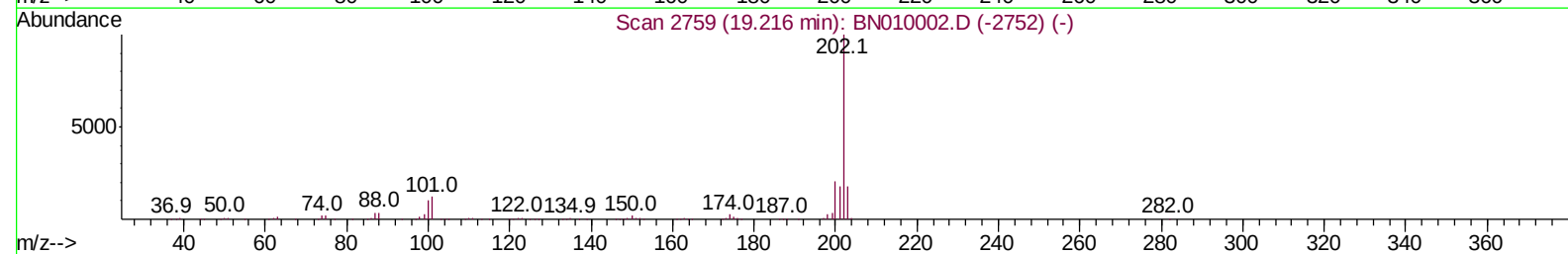
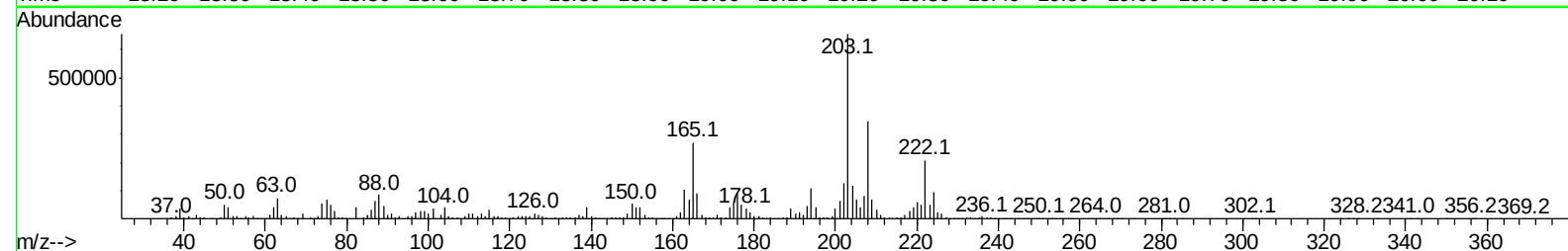
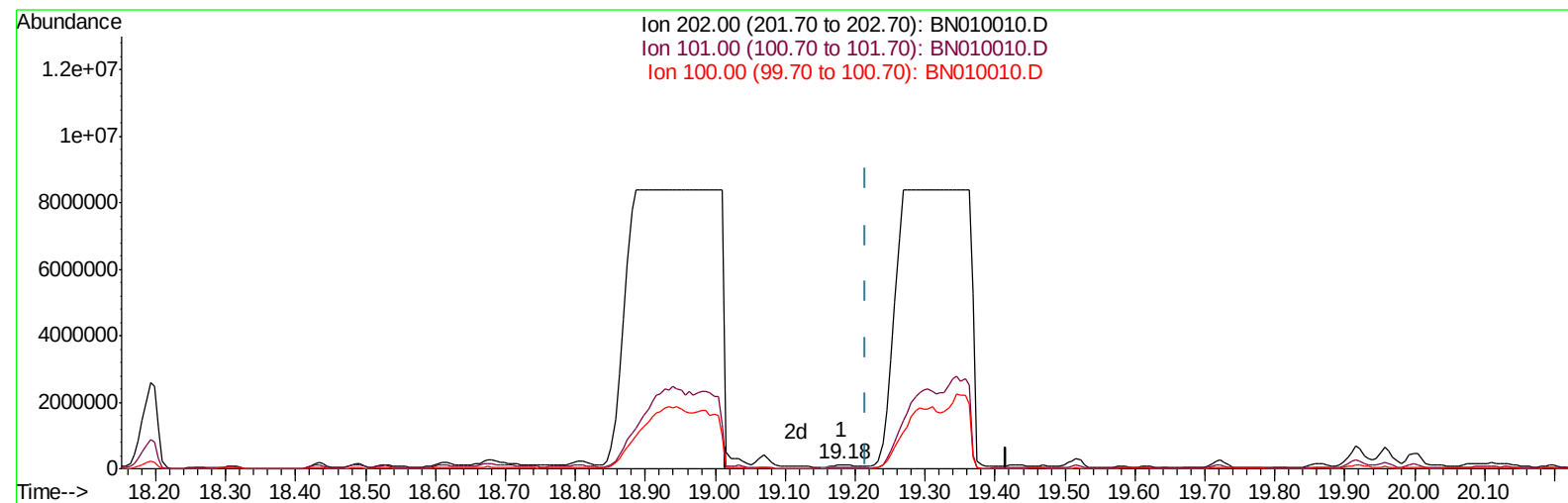
19.269min (+0.082) 6.17ng/ul m

response 149109

Ion	Exp%	Act%
212.00	100	100
106.00	13.80	19.64#
104.00	9.30	40.89#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
 Data File : BN010010.D
 Acq On : 29 Feb 2020 06:19
 Operator : CG/JU
 Sample : L1507-22RX
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Quant Time: Mar 02 13:53:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Feb 29 01:38:10 2020
 Response via : Initial Calibration



TIC: BN010010.D

(80) Pyrene

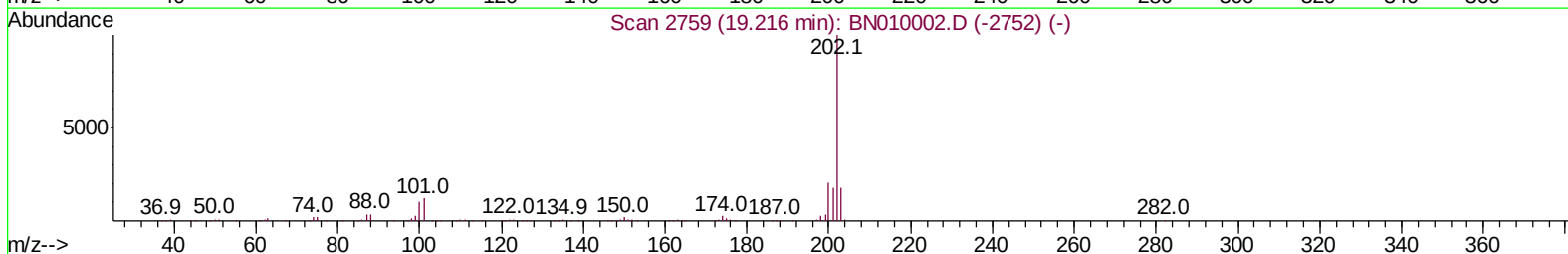
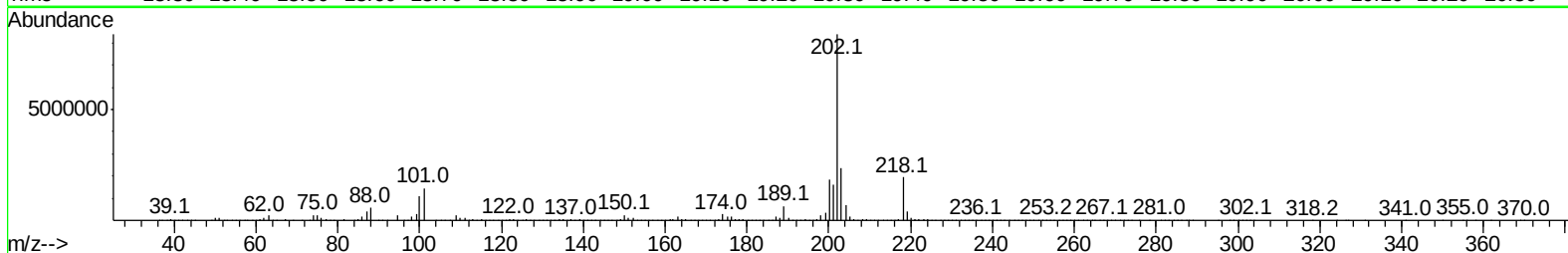
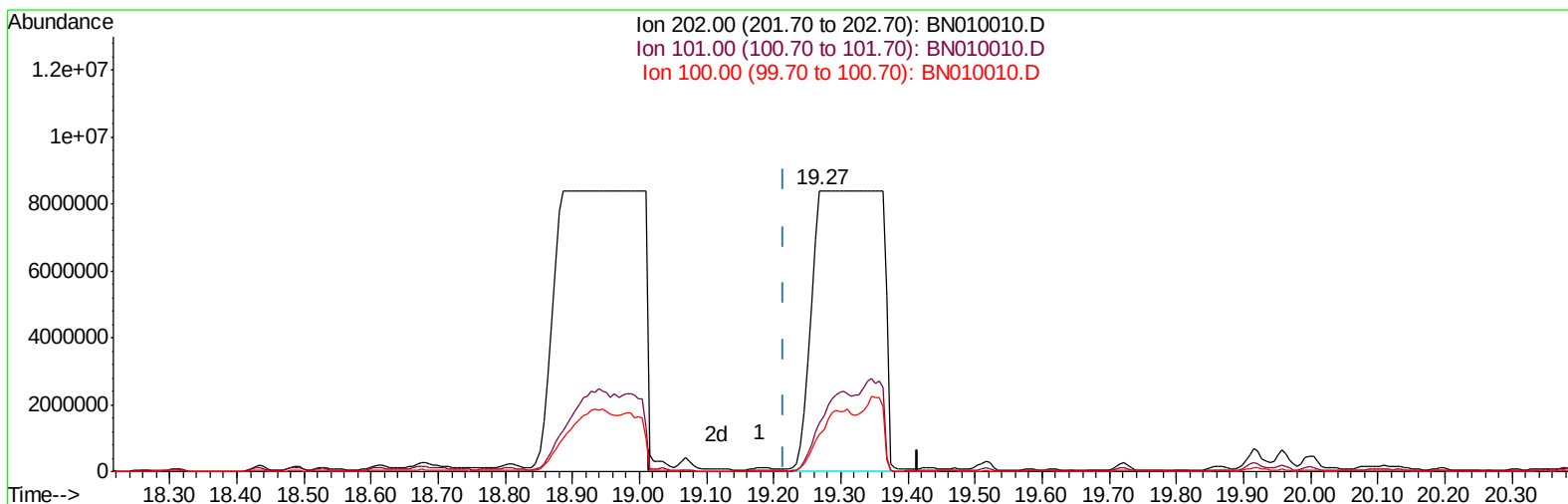
19.180min (-0.035) 5.03ng/ul

response 167618

Ion	Exp%	Act%
202.00	100	100
101.00	14.10	28.36#
100.00	11.30	14.32#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
Data File : BN010010.D
Acq On : 29 Feb 2020 06:19
Operator : CG/JU
Sample : L1507-22RX
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Mar 02 13:53:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 29 01:38:10 2020
Response via : Initial Calibration



TIC: BN010010.D

(80) Pyrene

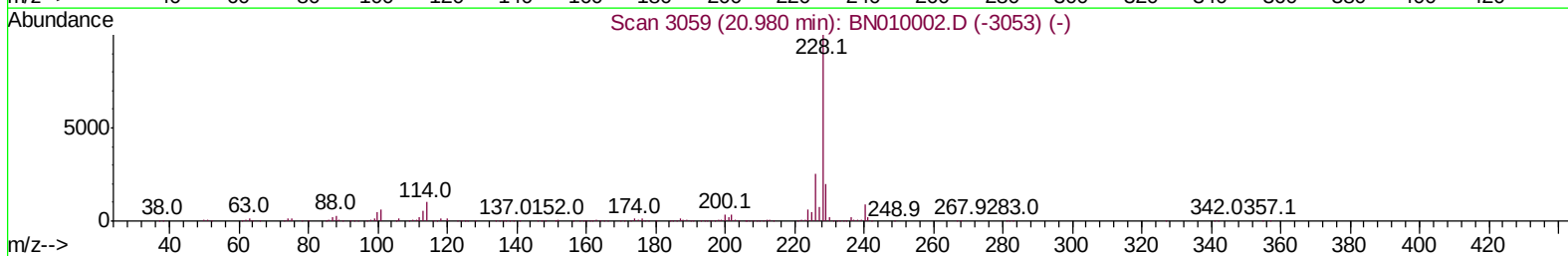
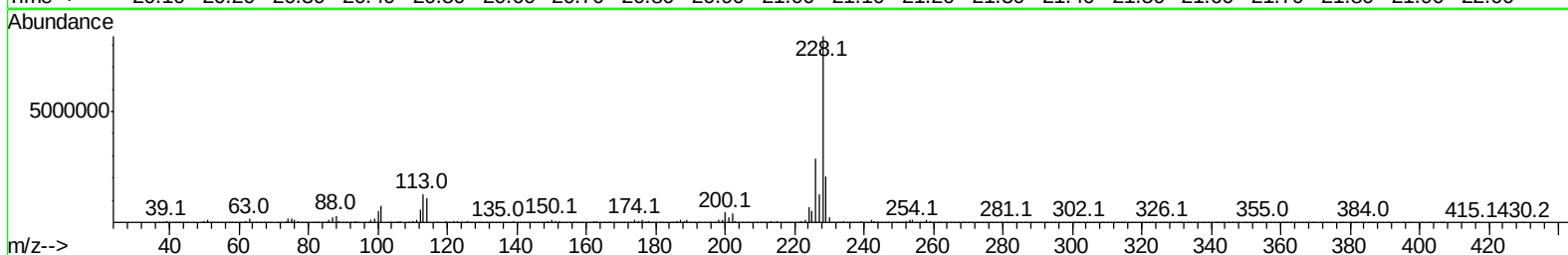
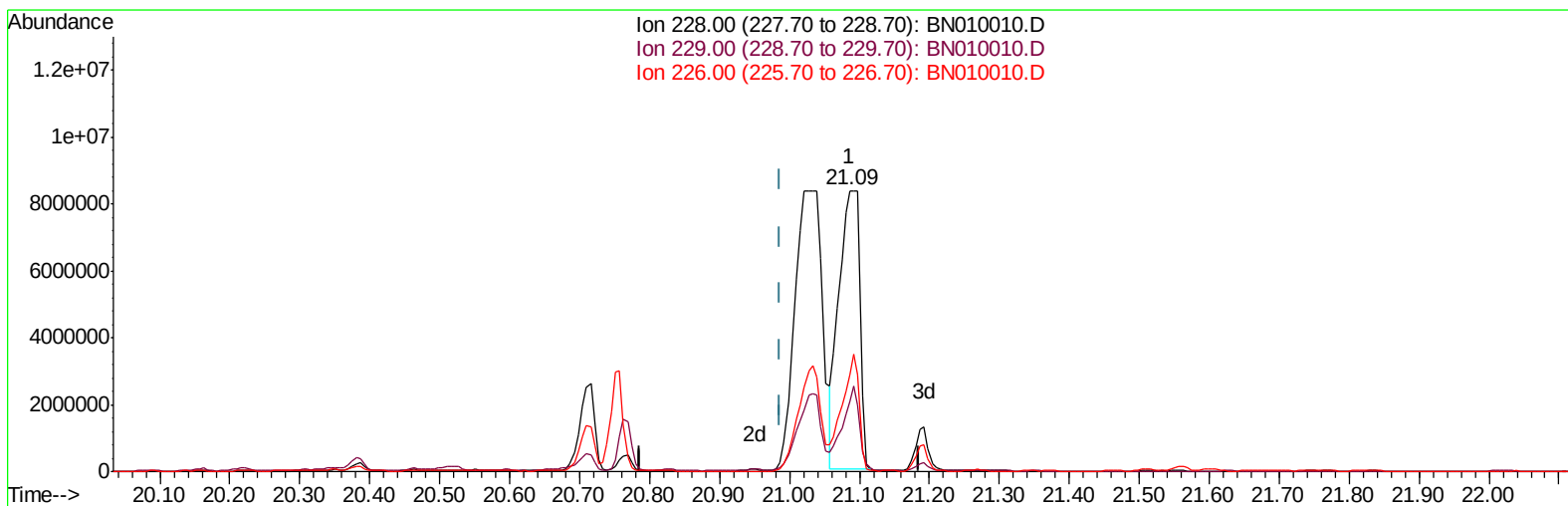
19.269min (+0.053) 1761.49ng/ul m

response 58722198

Ion	Exp%	Act%
202.00	100	100
101.00	14.10	17.31#
100.00	11.30	13.27
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
Data File : BN010010.D
Acq On : 29 Feb 2020 06:19
Operator : CG/JU
Sample : L1507-22RX
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Mar 02 13:53:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 29 01:38:10 2020
Response via : Initial Calibration



TIC: BN010010.D

(83) Benzo(a)anthracene

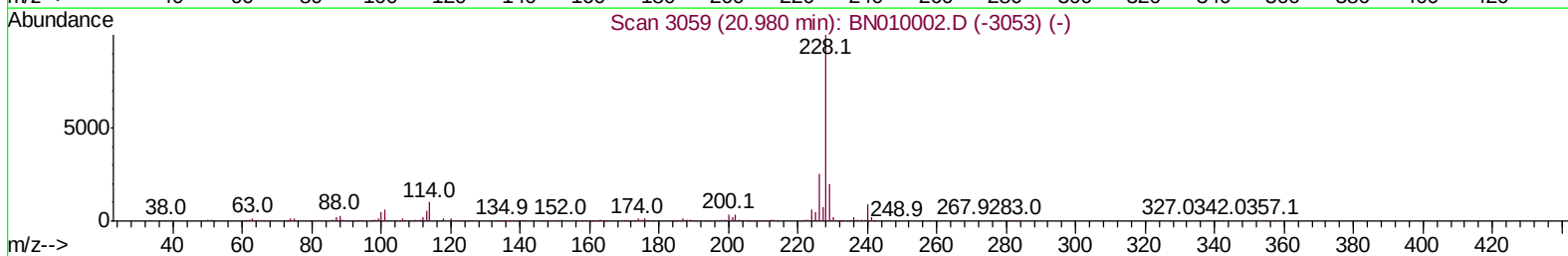
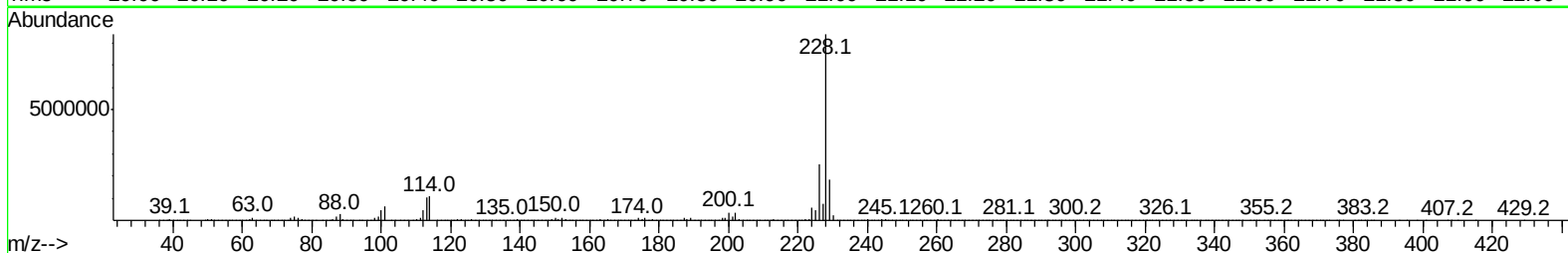
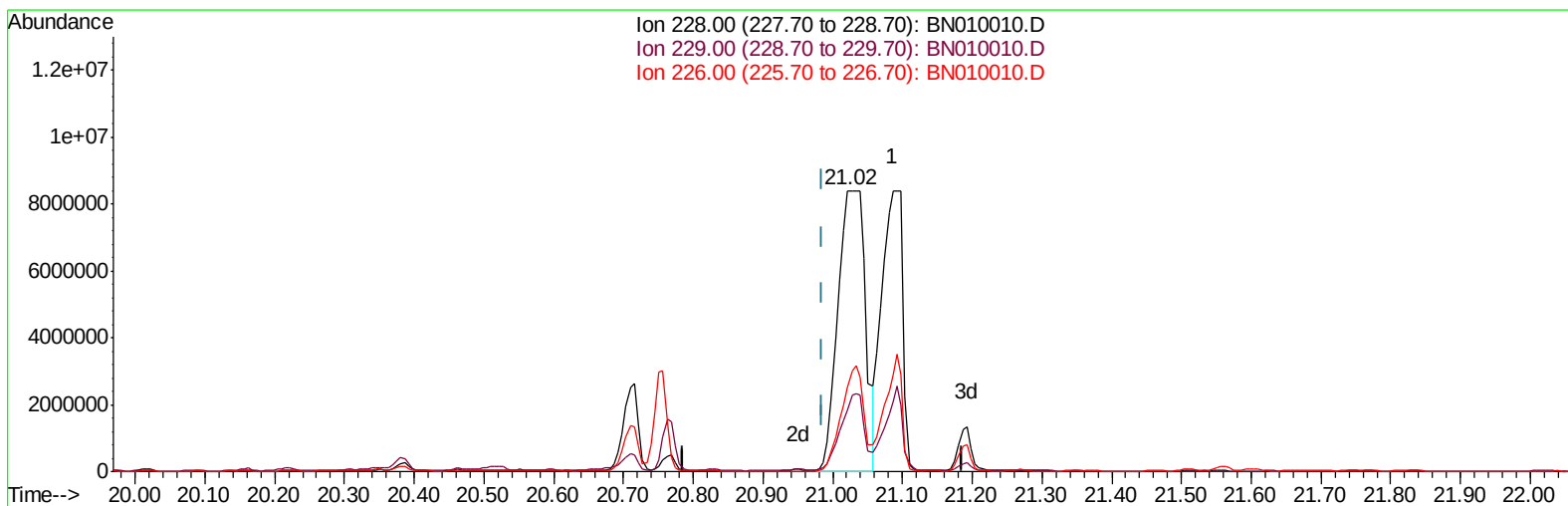
21.086min (+0.100) 548.22ng/ul

response 17420556

Ion	Exp%	Act%
228.00	100	100
229.00	18.70	24.84#
226.00	26.80	34.35#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
Data File : BN010010.D
Acq On : 29 Feb 2020 06:19
Operator : CG/JU
Sample : L1507-22RX
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Mar 02 13:53:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 29 01:38:10 2020
Response via : Initial Calibration



TIC: BN010010.D

(83) Benzo(a)anthracene

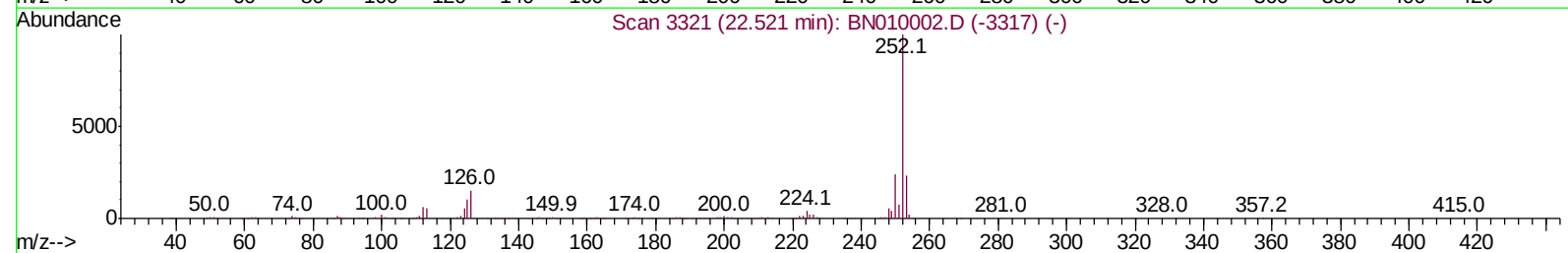
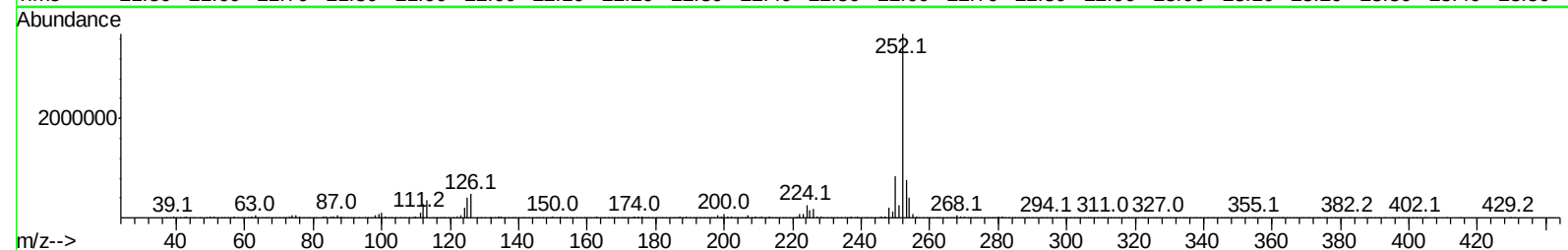
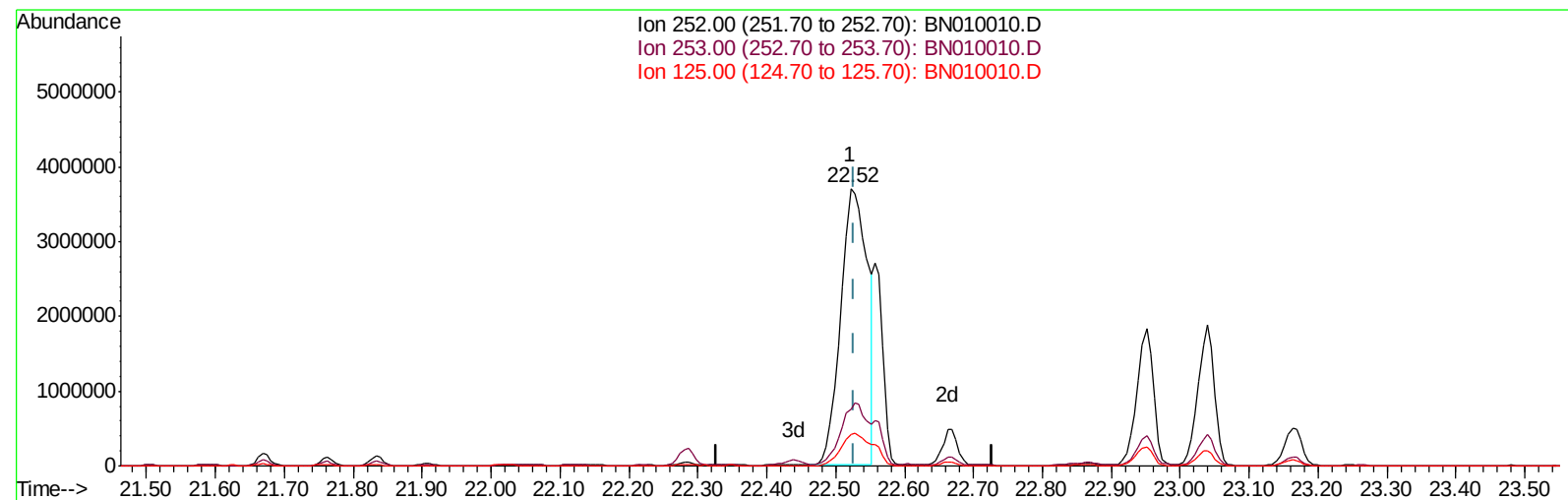
21.022min (+0.035) 726.23ng/ul m

response 23076780

Ion	Exp%	Act%
228.00	100	100
229.00	18.70	21.69
226.00	26.80	29.95
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
Data File : BN010010.D
Acq On : 29 Feb 2020 06:19
Operator : CG/JU
Sample : L1507-22RX
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Mar 02 13:53:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 29 01:38:10 2020
Response via : Initial Calibration



TIC: BN010010.D

(89) Benzo(k)fluoranthene

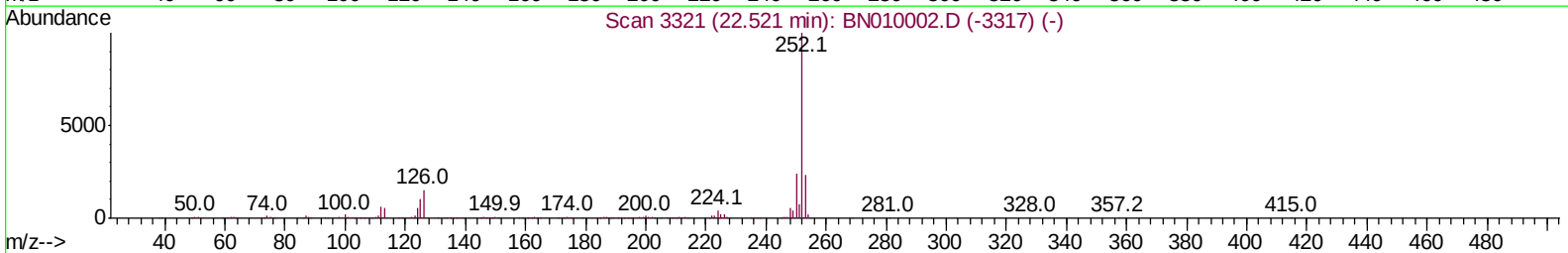
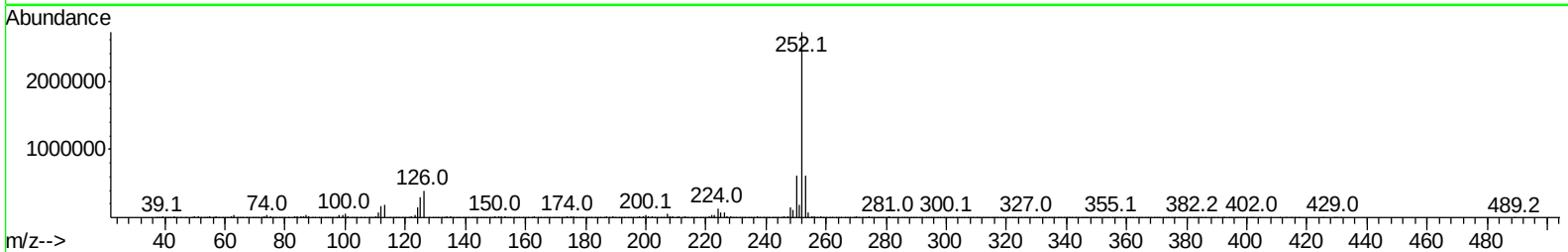
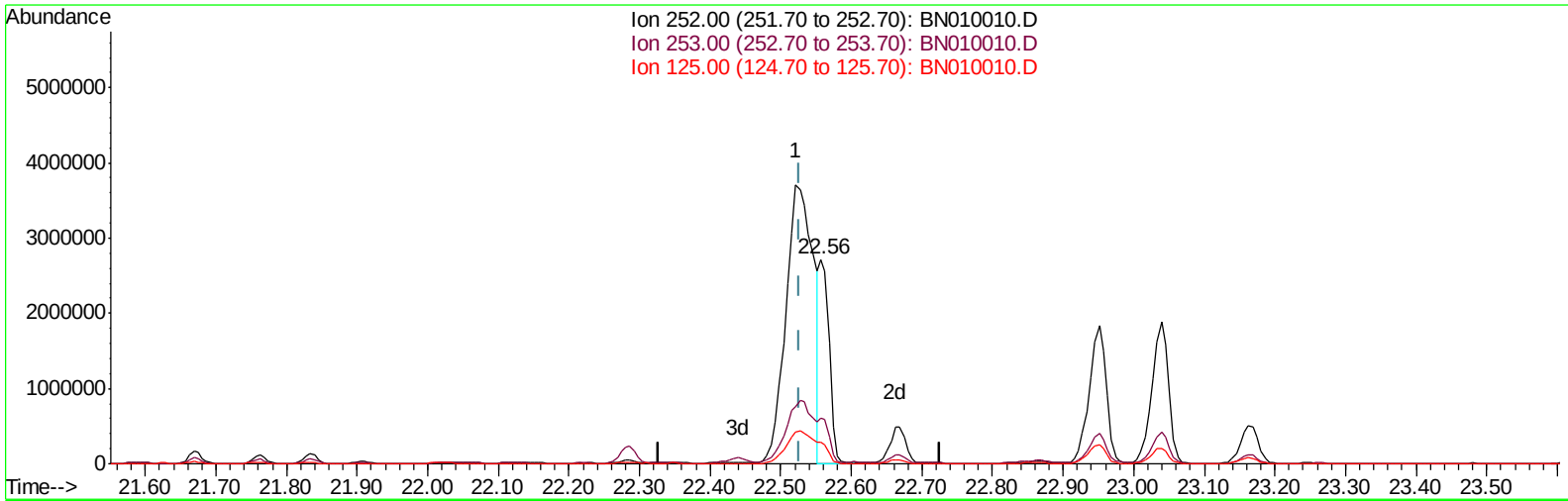
22.522min (-0.006) 344.73ng/ul

response 9896525

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	20.43
125.00	10.20	11.26
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
Data File : BN010010.D
Acq On : 29 Feb 2020 06:19
Operator : CG/JU
Sample : L1507-22RX
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Mar 02 13:53:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 29 01:38:10 2020
Response via : Initial Calibration



TIC: BN010010.D

(89) Benzo(k)fluoranthene

22.557min (+0.029) 92.80ng/ul m

response 2664128

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.33
125.00	10.20	10.75
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
 Data File : BN010010.D
 Acq On : 29 Feb 2020 06:19
 Operator : CG/JU
 Sample : L1507-22RX
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Quant Time: Mar 02 14:04:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Feb 29 01:38:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	88627	20.00	ng/ul	0.00
18) Naphthalene-d8	10.12	136	384288	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.03	164	247622	20.00	ng/ul	0.01
62) Phenanthrene-d10	16.83	188	468377m	20.00	ng/ul	0.06
78) Chrysene-d12	21.05	240	462397	20.00	ng/ul	0.05
86) Perylene-d12	23.12	264	467624	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	890	0.41	ng/uL	0.01
5) Phenol-d5	6.60	99	26477	3.51	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.74	67	18353	3.53	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	20509	3.61	ng/ul	0.01
13) 4-Methylphenol-d8	8.10	113	22764	3.80	ng/ul	0.01
19) Nitrobenzene-d5	8.53	128	11879	4.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.23	143	12149	3.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.78	165	23726	4.01	ng/ul	0.02
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.46	166	78829	4.26	ng/ul	0.02
47) Acenaphthylene-d8	13.71	160	92055	4.23	ng/ul	0.00
52) 4-Nitrophenol-d4	14.32	143	17467m	5.17	ng/ul	0.06
58) Fluorene-d10	15.04	176	86002	5.39	ng/ul	0.02
63) 4,6-Dinitro-2-methylphenol	15.29	200	5431m	1.87	ng/ul	0.11
71) Anthracene-d10	16.95	188	102759	4.79	ng/ul	0.07
79) Pyrene-d10	19.27	212	149109m	6.17	ng/ul	0.08
90) Benzo(a)pyrene-d12	22.99	264	101839	4.36	ng/ul	0.02

Target Compounds

					Ovalue	
6) Phenol	6.63	94	12899	1.597	ng/ul#	1
14) Acetophenone	8.20	105	26153	2.677	ng/ul	96
16) 4-Methylphenol	8.18	108	9037	1.393	ng/ul	90
34) 2-Methylnaphthalene	11.79	142	153915	10.696	ng/ul	93
48) Acenaphthylene	13.74	152	2716524	115.216	ng/ul	98
50) Acenaphthene	14.12	153	31594188m	1954.719	ng/ul	
54) Dibenzofuran	14.45	168	18715010	824.947	ng/ul	96
59) Fluorene	15.12	166	28211777m	1481.786	ng/ul	
70) Phenanthrene	16.85	178	54557697m	2041.040	ng/ul	
72) Anthracene	16.97	178	13116287	479.998	ng/ul#	89
75) Carbazole	17.22	167	702331	29.186	ng/ul#	85
76) Di-n-butylphthalate	17.79	149	160332	5.398	ng/ul#	91
77) Fluoranthene	18.89	202	74246910m	2371.284	ng/ul	
80) Pyrene	19.27	202	58722198m	1761.485	ng/ul	
83) Benzo(a)anthracene	21.02	228	23076780m	726.226	ng/ul	
84) Bis(2-ethylhexyl)phthalate	20.95	149	187717	8.972	ng/ul	97
85) Chrysene	21.09	228	17420556	556.864	ng/ul#	89
88) Benzo(b)fluoranthene	22.52	252	9896525	326.414	ng/ul	98
89) Benzo(k)fluoranthene	22.56	252	2664128m	92.800	ng/ul	
91) Benzo(a)pyrene	23.04	252	3096418	113.550	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.16	276	1178475	36.400	ng/ul	94
93) Dibenzo(a,h)anthracene	25.16	278	396135	14.303	ng/ul#	83
94) Benzo(g,h,i)perylene	25.78	276	728593	26.839	ng/ul	97

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
Data File : BN010010.D
Acq On : 29 Feb 2020 06:19
Operator : CG/JU
Sample : L1507-22RX
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Mar 02 14:04:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 29 01:38:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
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