

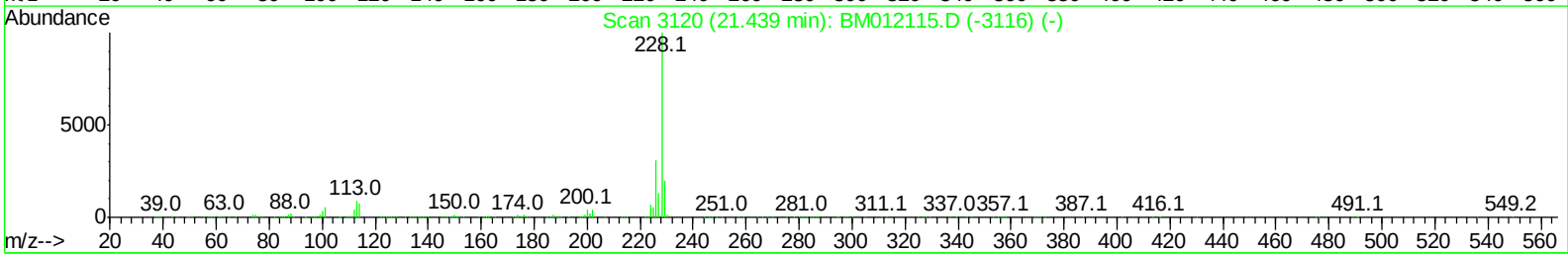
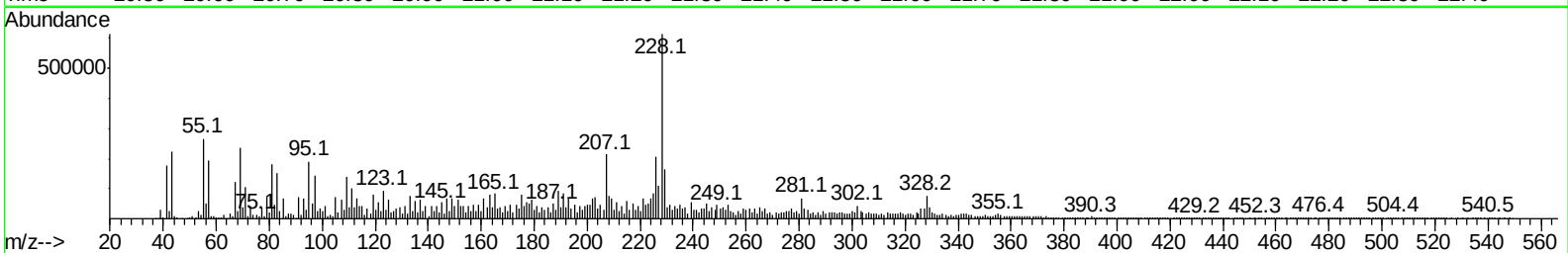
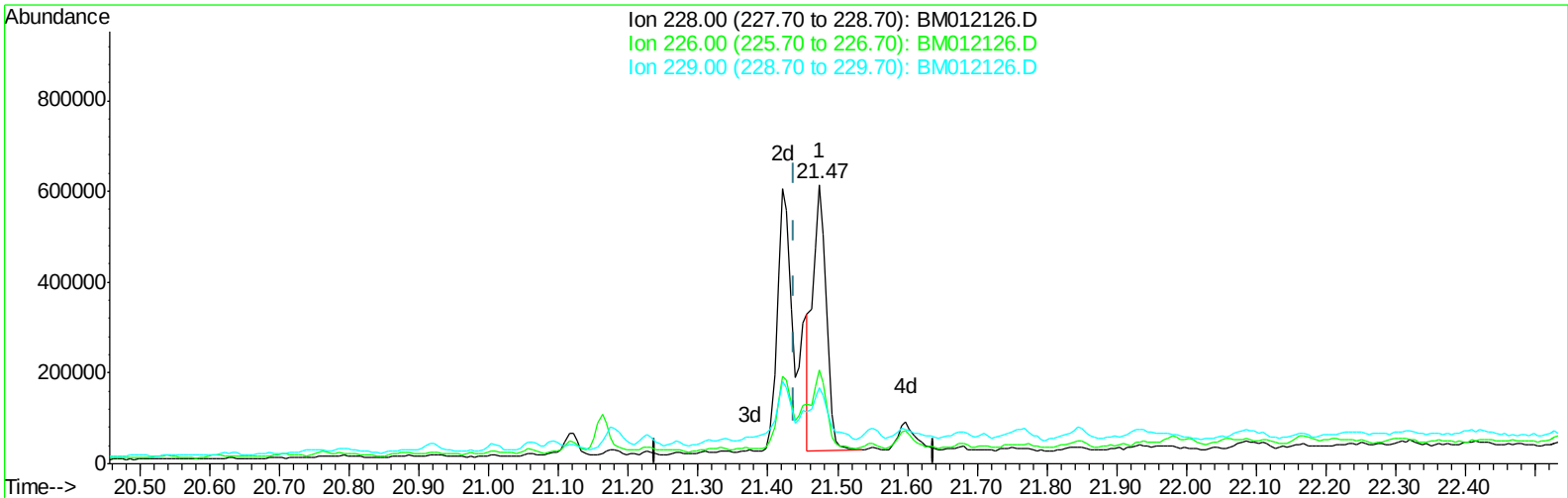
Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA M\Data\BM101217\
Data File : BM012126.D
Acq On : 13 Oct 2017 07:40
Operator : SJ/JU
Sample : I5568-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-51(1-2)-092817

Manual Integrations
APPROVED

Sohil
6/22/2018 4:49:01 PM

Quant Time: Oct 13 18:47:48 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 13 04:53:53 2017
Response via : Initial Calibration



TIC: BM012126.D

(82) Chrysene

21.474min (+0.035) 6.17ng/ul

response 775581

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	33.86
229.00	19.40	27.09#
0.00	0.00	0.00

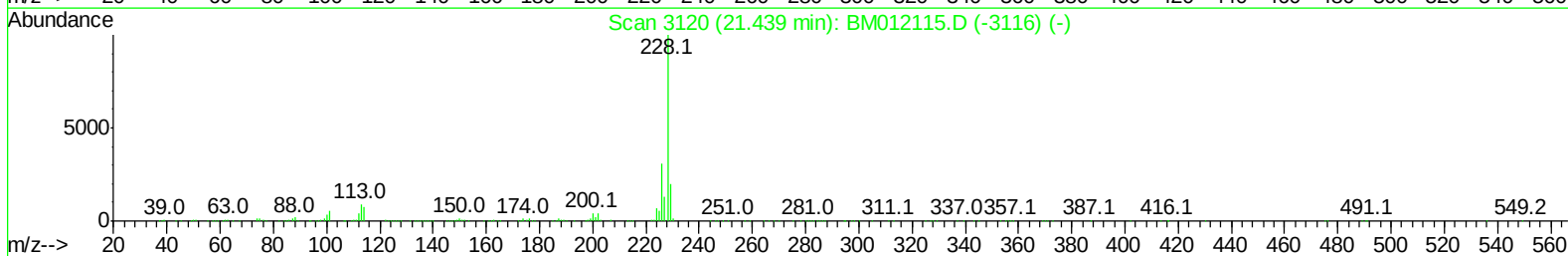
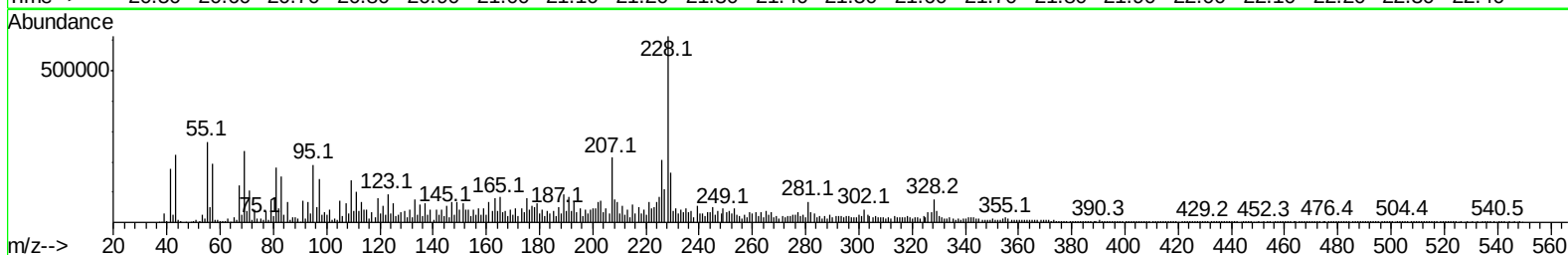
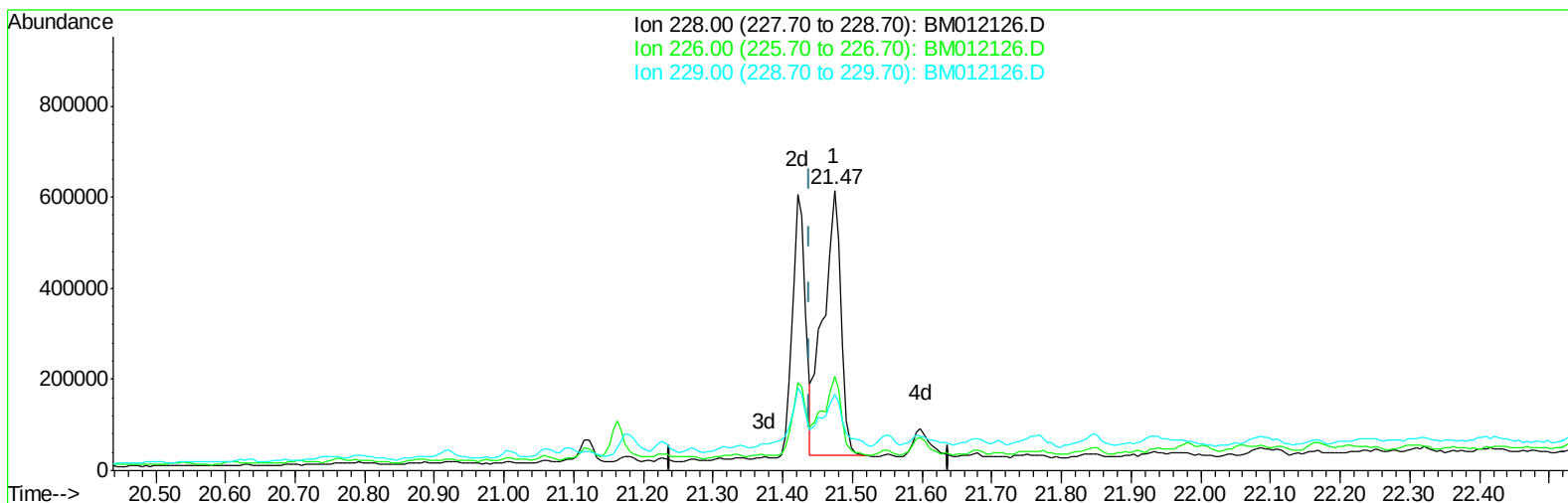
Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA M\Data\BM101217\
Data File : BM012126.D
Acq On : 13 Oct 2017 07:40
Operator : SJ/JU
Sample : I5568-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-51(1-2)-092817

Manual Integrations
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Sohil
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Quant Time: Oct 13 18:47:48 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 13 04:53:53 2017
Response via : Initial Calibration



TIC: BM012126.D

(82) Chrysene

21.474min (+0.035) 8.15ng/ul m

response 1024968

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	33.86
229.00	19.40	27.09#
0.00	0.00	0.00

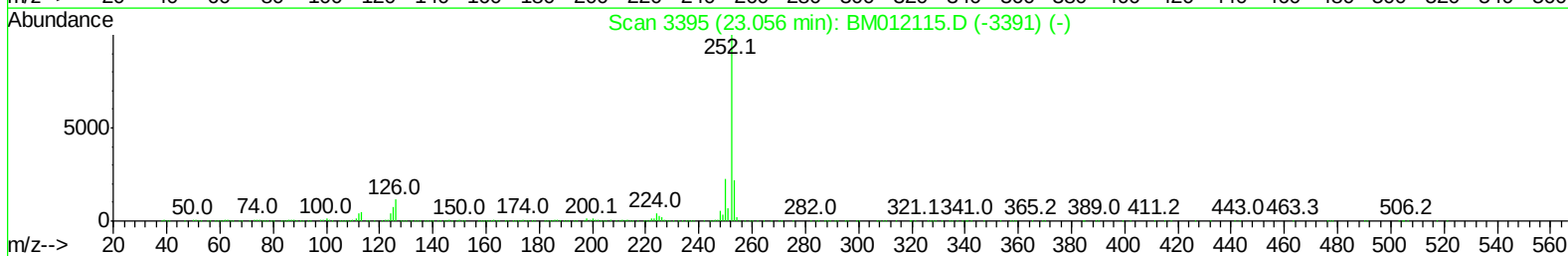
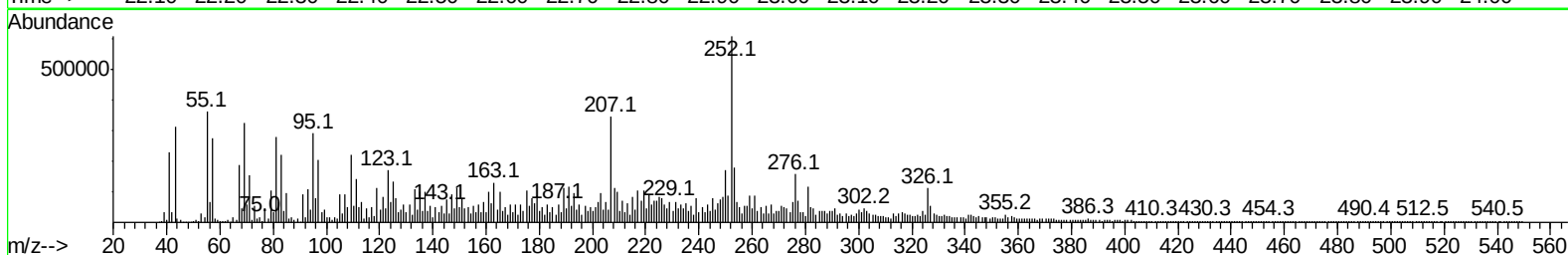
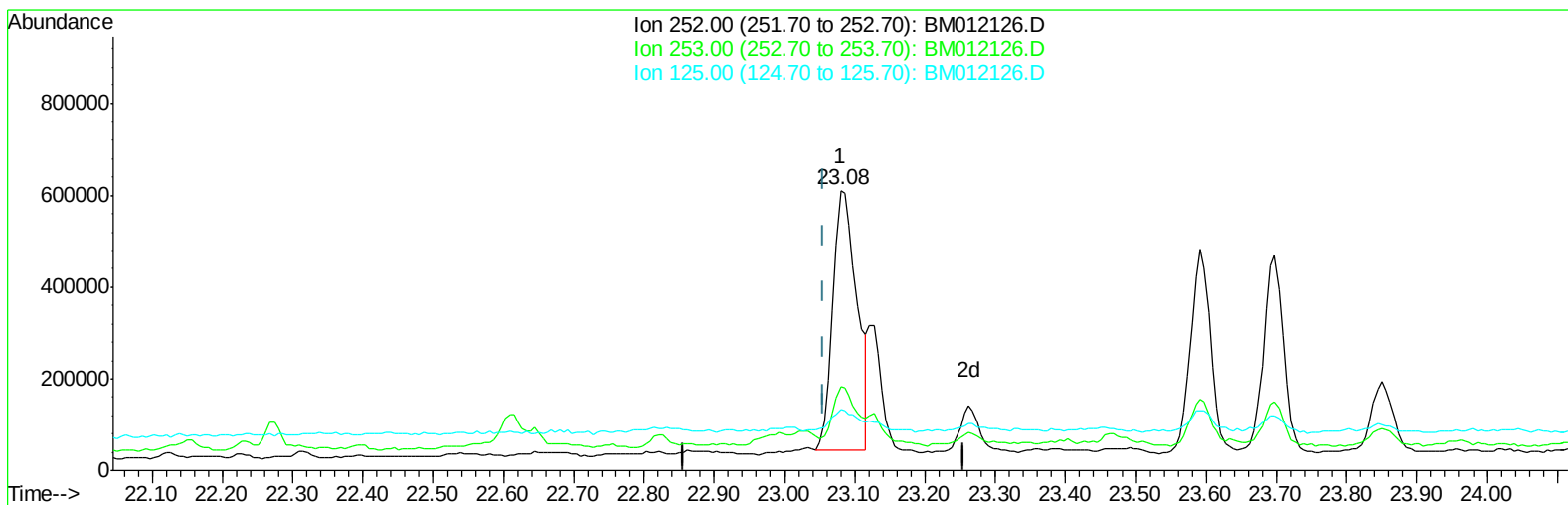
Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA M\Data\BM101217\
Data File : BM012126.D
Acq On : 13 Oct 2017 07:40
Operator : SJ/JU
Sample : I5568-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-51(1-2)-092817

Manual Integrations
APPROVED

Sohil
6/22/2018 4:49:01 PM

Quant Time: Oct 13 18:47:48 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 13 04:53:53 2017
Response via : Initial Calibration



TIC: BM012126.D

(86) Benzo(k)fluoranthene
23.080min (+0.024) 9.22ng/ul
response 1347444

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	29.82#
125.00	4.30	21.97#
0.00	0.00	0.00

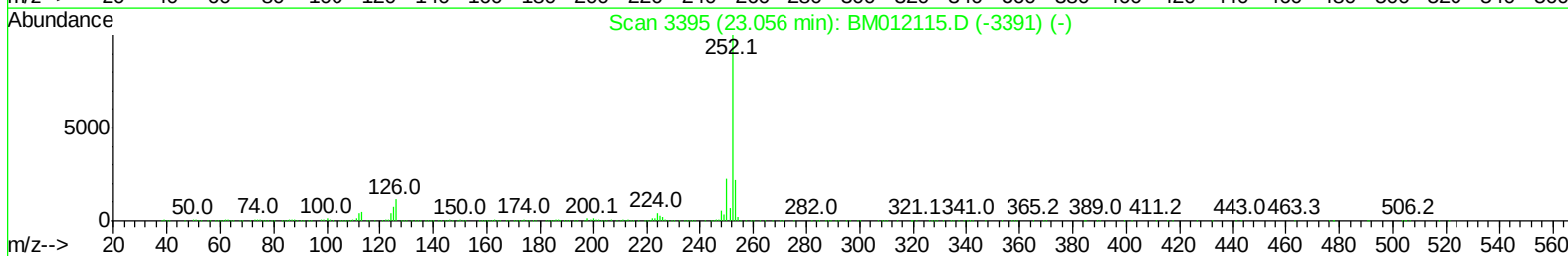
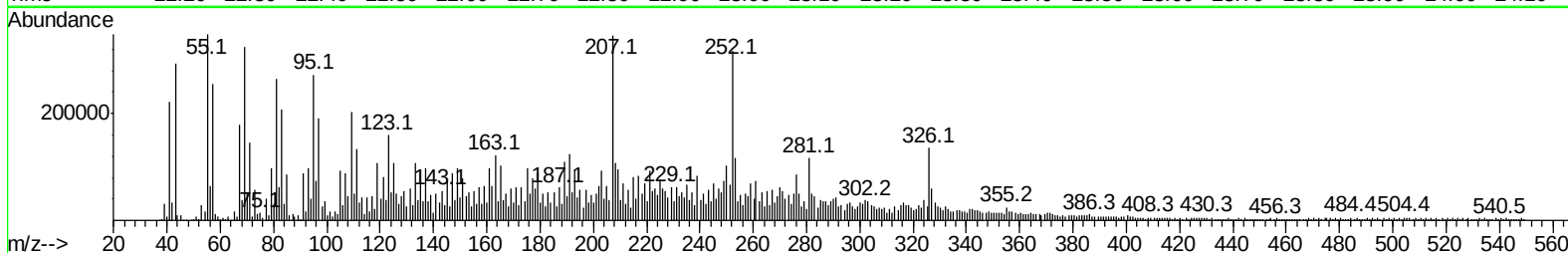
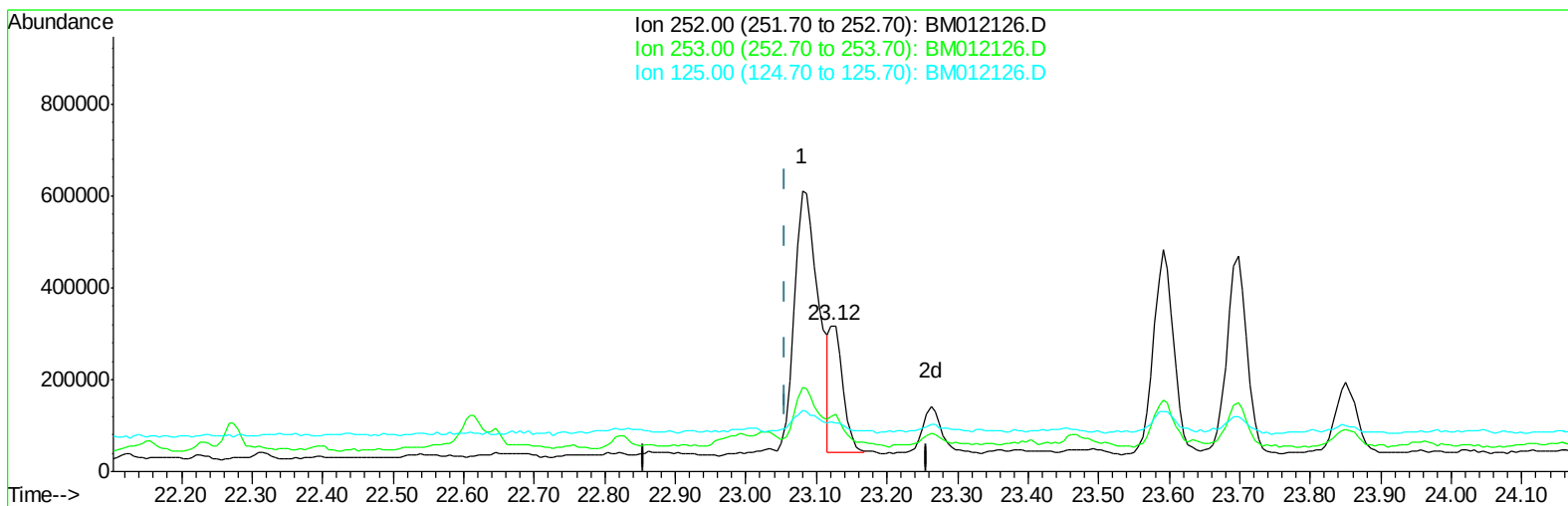
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Data File : BM012126.D
Acq On : 13 Oct 2017 07:40
Operator : SJ/JU
Sample : I5568-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-51(1-2)-092817

Manual Integrations
APPROVED

Sohil
6/22/2018 4:49:01 PM

Quant Time: Oct 13 18:47:48 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 13 04:53:53 2017
Response via : Initial Calibration



TIC: BM012126.D

(86) Benzo(k)fluoranthene

23.121min (+0.065) 2.48ng/ul m

response 362551

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	37.28#
125.00	4.30	34.13#
0.00	0.00	0.00

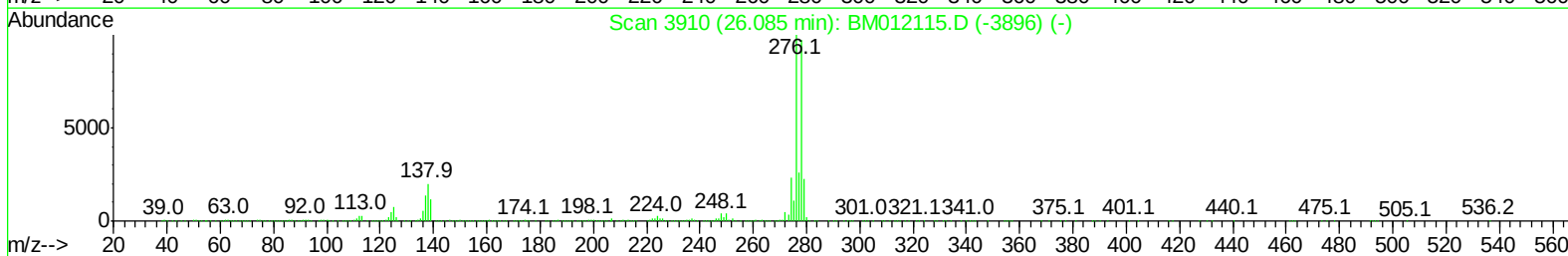
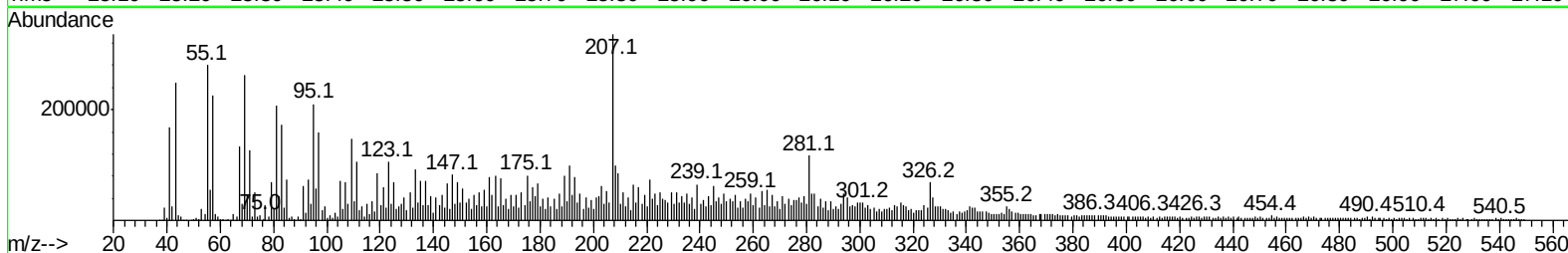
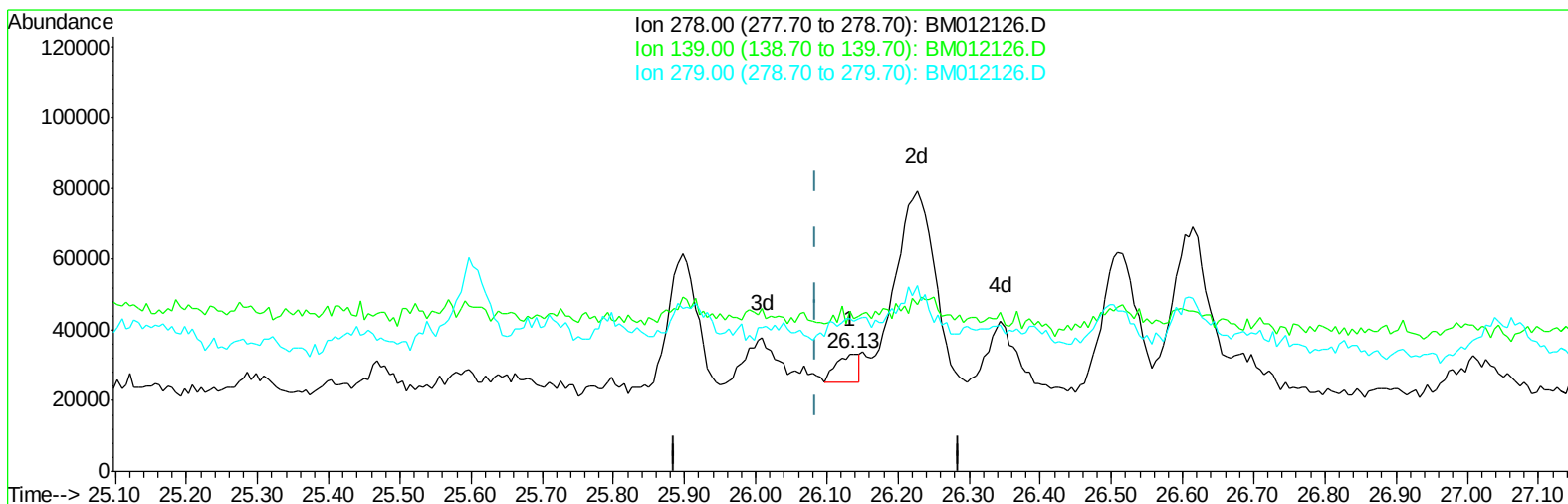
Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA M\Data\BM101217\
Data File : BM012126.D
Acq On : 13 Oct 2017 07:40
Operator : SJ/JU
Sample : I5568-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-51(1-2)-092817

Manual Integrations
APPROVED

Sohil
6/22/2018 4:49:01 PM

Quant Time: Oct 13 18:47:48 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 13 04:53:53 2017
Response via : Initial Calibration



TIC: BM012126.D

(90) Dibenzo(a,h)anthracene

26.133min (+0.047) 0.14ng/ul

response 17395

Ion	Exp%	Act%
278.00	100	100
139.00	7.30	136.53#
279.00	23.20	130.17#
0.00	0.00	0.00

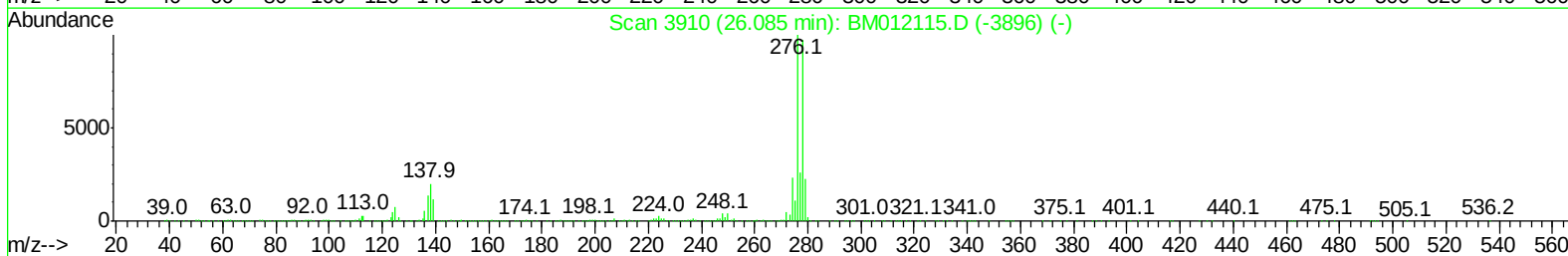
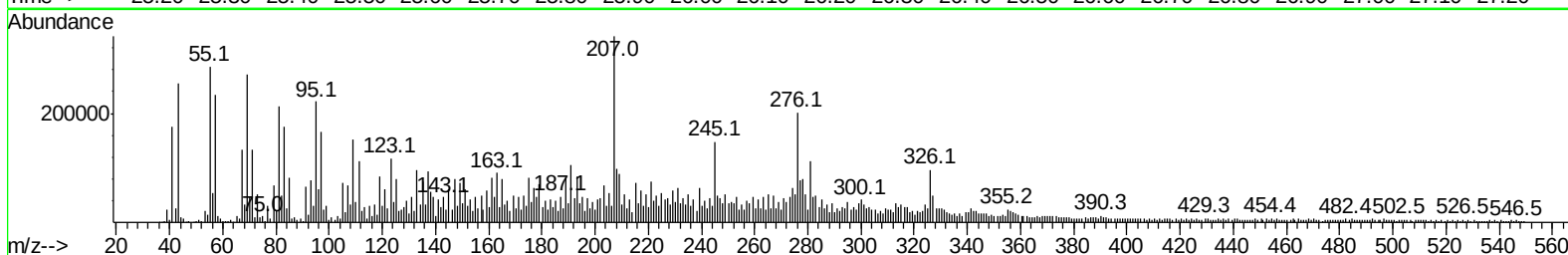
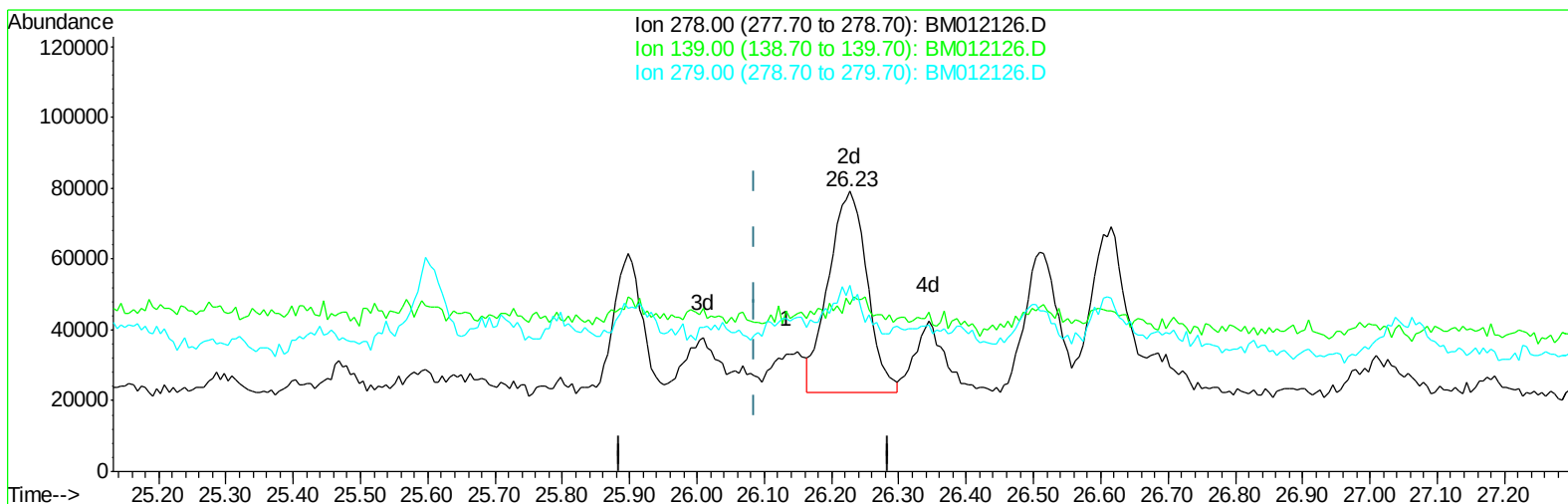
Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA M\Data\BM101217\
Data File : BM012126.D
Acq On : 13 Oct 2017 07:40
Operator : SJ/JU
Sample : I5568-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-51(1-2)-092817

Manual Integrations
APPROVED

Sohil
6/22/2018 4:49:01 PM

Quant Time: Oct 13 18:47:48 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 13 04:53:53 2017
Response via : Initial Calibration



TIC: BM012126.D

(90) Dibenzo(a,h)anthracene

26.227min (+0.141) 1.79ng/ul m

response 228225

Ion	Exp%	Act%
278.00	100	100
139.00	7.30	59.55#
279.00	23.20	66.28#
0.00	0.00	0.00

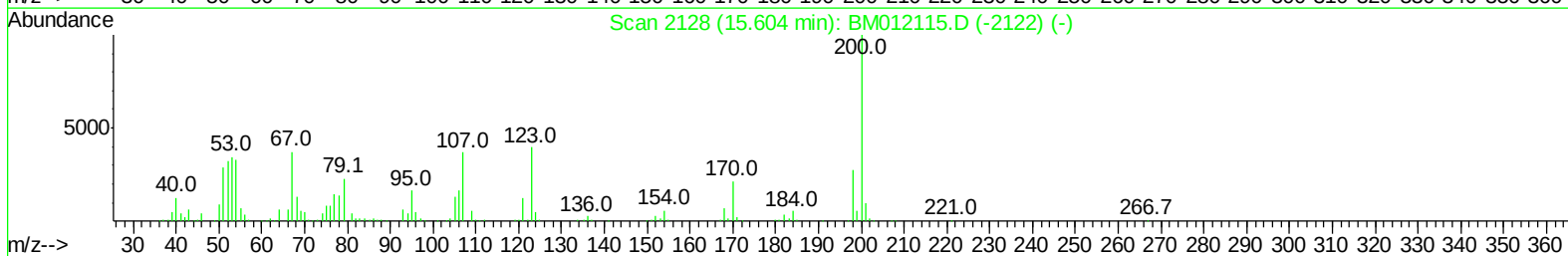
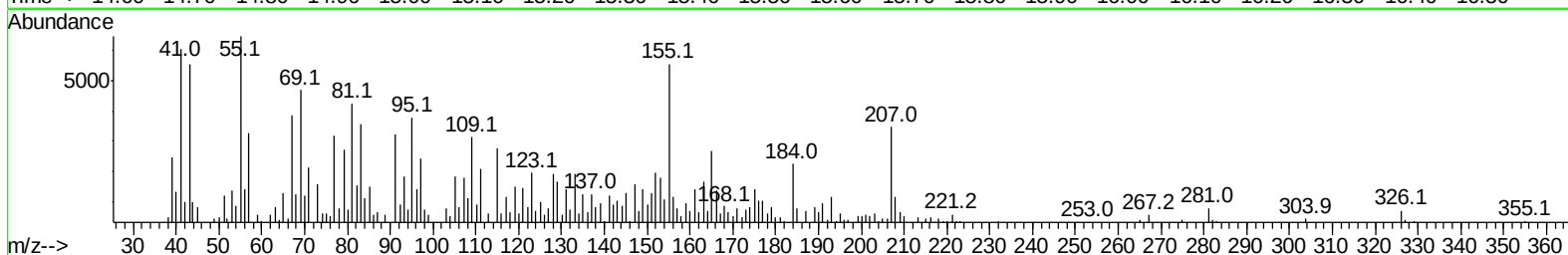
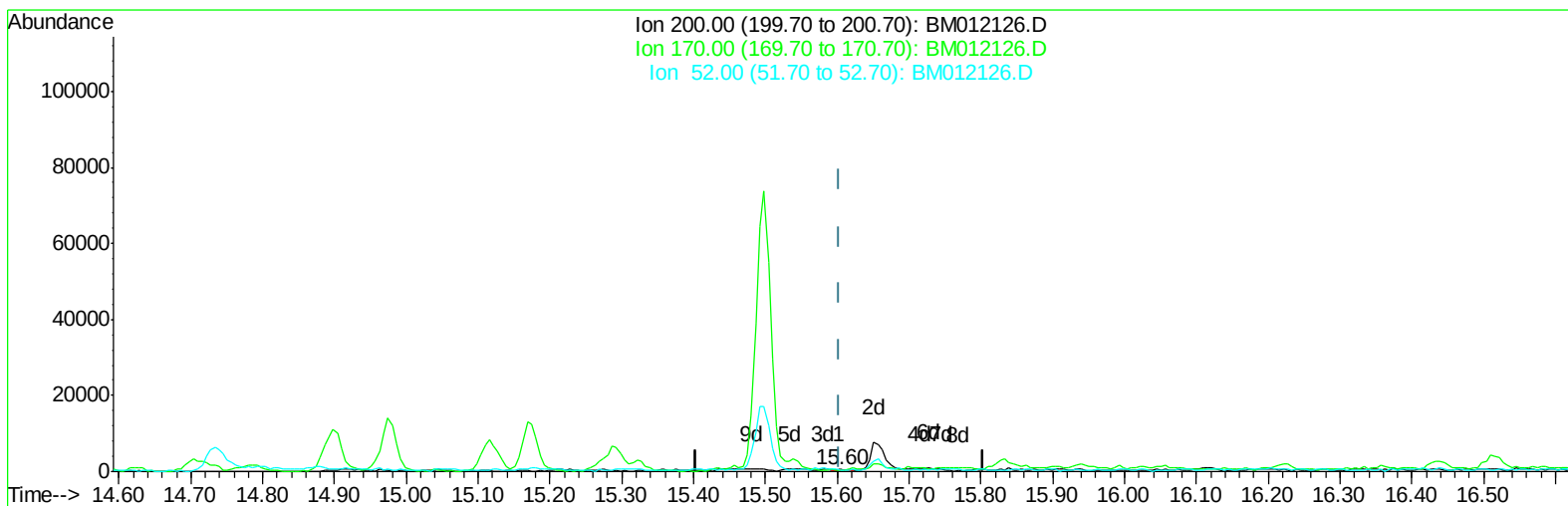
Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA M\Data\BM101217\
Data File : BM012126.D
Acq On : 13 Oct 2017 07:40
Operator : SJ/JU
Sample : I5568-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-51(1-2)-092817

Manual Integrations
APPROVED

Sohil
6/22/2018 4:49:01 PM

Quant Time: Oct 13 23:02:27 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 13 04:53:53 2017
Response via : Initial Calibration



TIC: BM012126.D

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

15.604min (+0.000) 0.02ng/ul

response 181

Ion	Exp%	Act%
200.00	100	100
170.00	23.50	94.74#
52.00	49.50	81.39#
0.00	0.00	0.00

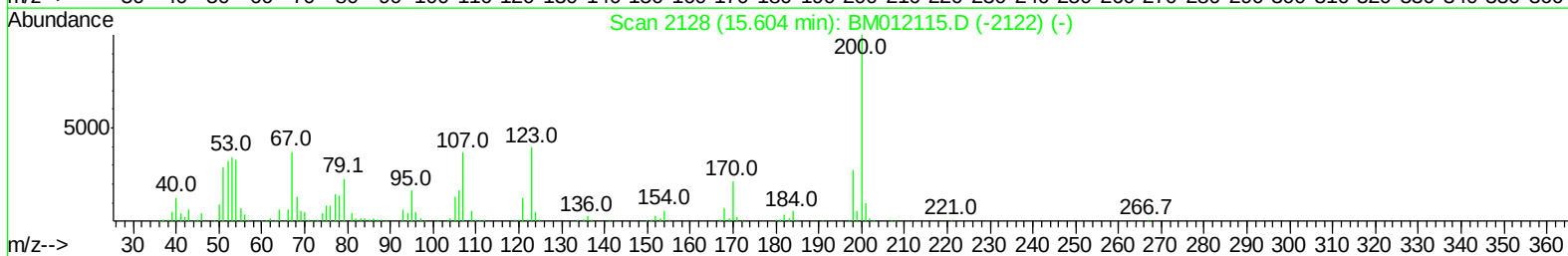
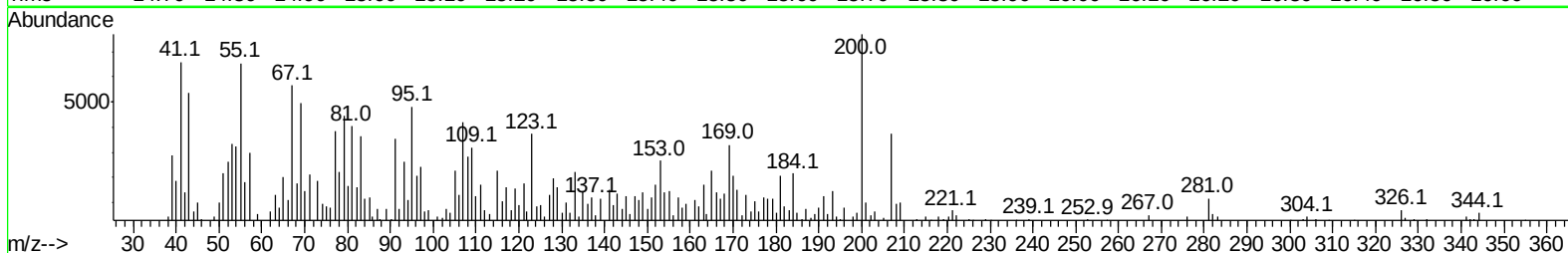
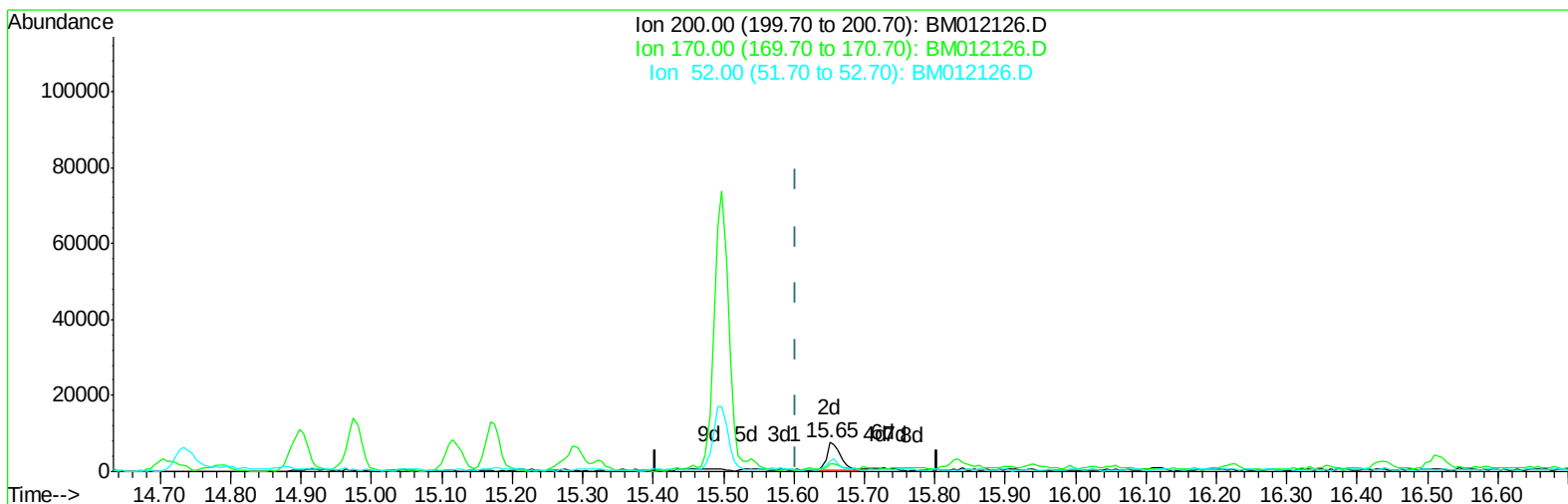
Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA M\Data\BM101217\
Data File : BM012126.D
Acq On : 13 Oct 2017 07:40
Operator : SJ/JU
Sample : I5568-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-51(1-2)-092817

Manual Integrations
APPROVED

Sohil
6/22/2018 4:49:01 PM

Quant Time: Oct 13 23:02:27 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 13 04:53:53 2017
Response via : Initial Calibration



TIC: BM012126.D

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

15.651min (+0.047) 1.03ng/ul m

response 10609

Ion	Exp%	Act%
200.00	100	100
170.00	23.50	26.80
52.00	49.50	34.52#
0.00	0.00	0.00

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA M\Data\BM101217\
 Data File : BM012126.D
 Acq On : 13 Oct 2017 07:40
 Operator : SJ/JU
 Sample : I5568-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-51(1-2)-092817

Manual Integrations
 APPROVED

Sohil
 6/22/2018 4:49:01 PM

Quant Time: Oct 13 23:32:25 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 13 04:53:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	312376	20.00	ng/ul	0.02
18) Naphthalene-d8	10.66	136	1239387	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.50	164	695250	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.25	188	1496791	20.00	ng/ul	0.02
75) Chrysene-d12	21.44	240	2057623	20.00	ng/ul	0.04
83) Perylene-d12	23.80	264	2323971	20.00	ng/ul	0.08

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	14355	2.18	ng/uL	0.00
5) Phenol-d5	7.02	99	367415	14.50	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	7.17	67	228016	15.00	ng/ul	0.02
9) 2-Chlorophenol-d4	7.38	132	333818	15.53	ng/ul	0.02
13) 4-Methylphenol-d8	8.57	113	316784	14.52	ng/ul	0.03
19) Nitrobenzene-d5	9.02	128	156310	16.53	ng/ul	0.02
22) 2-Nitrophenol-d4	9.74	143	155065	14.03	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.29	165	333116	15.79	ng/ul	0.03
29) 4-Chloroaniline-d4	10.80	131	88363	4.47	ng/ul	0.03
43) Dimethylphthalate-d6	13.90	166	1013836	16.50	ng/ul	0.02
46) Acenaphthylene-d8	14.20	160	1297410	17.44	ng/ul	0.02
51) 4-Nitrophenol-d4	14.74	143	98083	10.62	ng/ul	0.05
57) Fluorene-d10	15.50	176	869629	17.24	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.65	200	10609m	1.03	ng/ul	0.05
70) Anthracene-d10	17.35	188	1335053	18.04	ng/ul	0.03
76) Pyrene-d10	19.65	212	1553498	14.87	ng/ul	0.04
87) Benzo(a)pyrene-d12	23.65	264	1980062	17.67	ng/ul	0.08

Target Compounds

					Ovalue	
28) Naphthalene	10.70	128	479250	7.474	ng/ul	99
40) 1,1'-Biophenyl	13.33	154	744153	12.682	ng/ul	99
42) 2-Nitroaniline	13.59	65	82252	6.421	ng/ul	88
44) Dimethylphthalate	13.95	163	418381	6.796	ng/ul	99
69) Phenanthrene	17.30	178	491987	5.778	ng/ul	99
71) Anthracene	17.39	178	123402	1.400	ng/ul	97
74) Fluoranthene	19.32	202	1095643	10.662	ng/ul#	93
77) Pyrene	19.68	202	1003628	7.386	ng/ul#	90
80) Benzo(a)anthracene	21.42	228	776748	5.801	ng/ul#	84
81) Bis(2-ethylhexyl)phthalate	21.32	149	1341007	14.774	ng/ul	99
82) Chrysene	21.47	228	1024968m	8.154	ng/ul	
85) Benzo(b)fluoranthene	23.08	252	1347444	8.885	ng/ul#	78
86) Benzo(k)fluoranthene	23.12	252	362551m	2.481	ng/ul	
88) Benzo(a)pyrene	23.70	252	847553	5.929	ng/ul#	73
89) Indeno(1,2,3-cd)pyrene	26.24	276	607994	4.005	ng/ul#	74
90) Dibenzo(a,h)anthracene	26.23	278	228225m	1.789	ng/ul	
91) Benzo(g,h,i)perylene	27.00	276	622911	5.010	ng/ul#	66

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

