

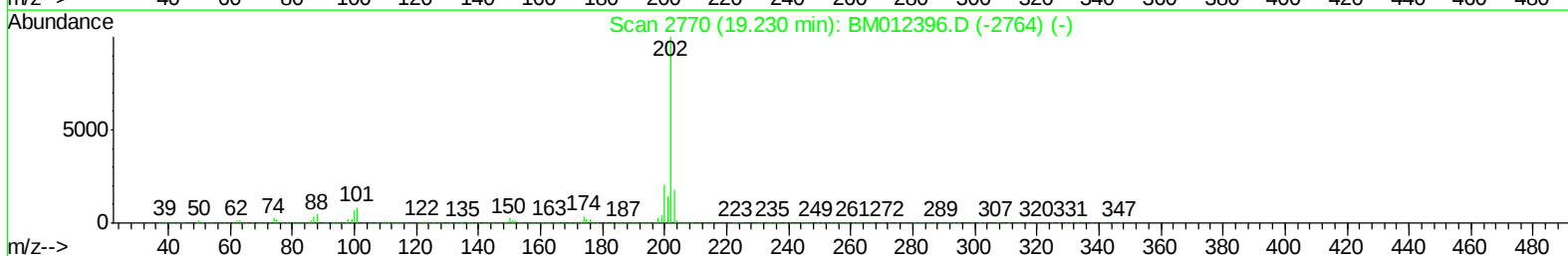
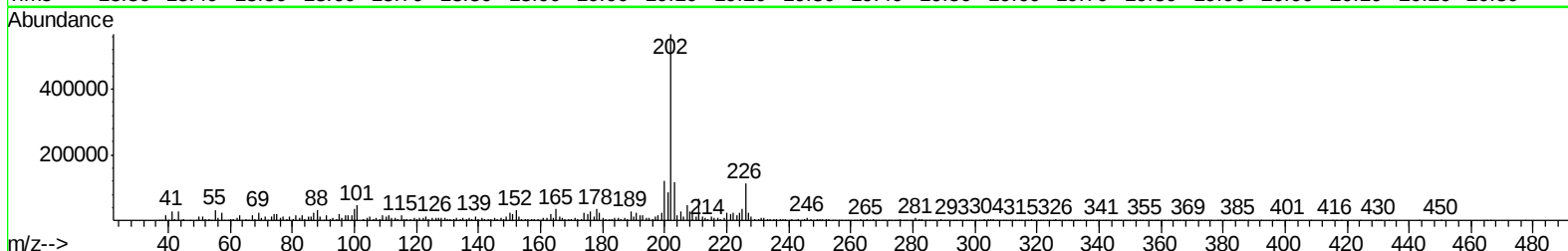
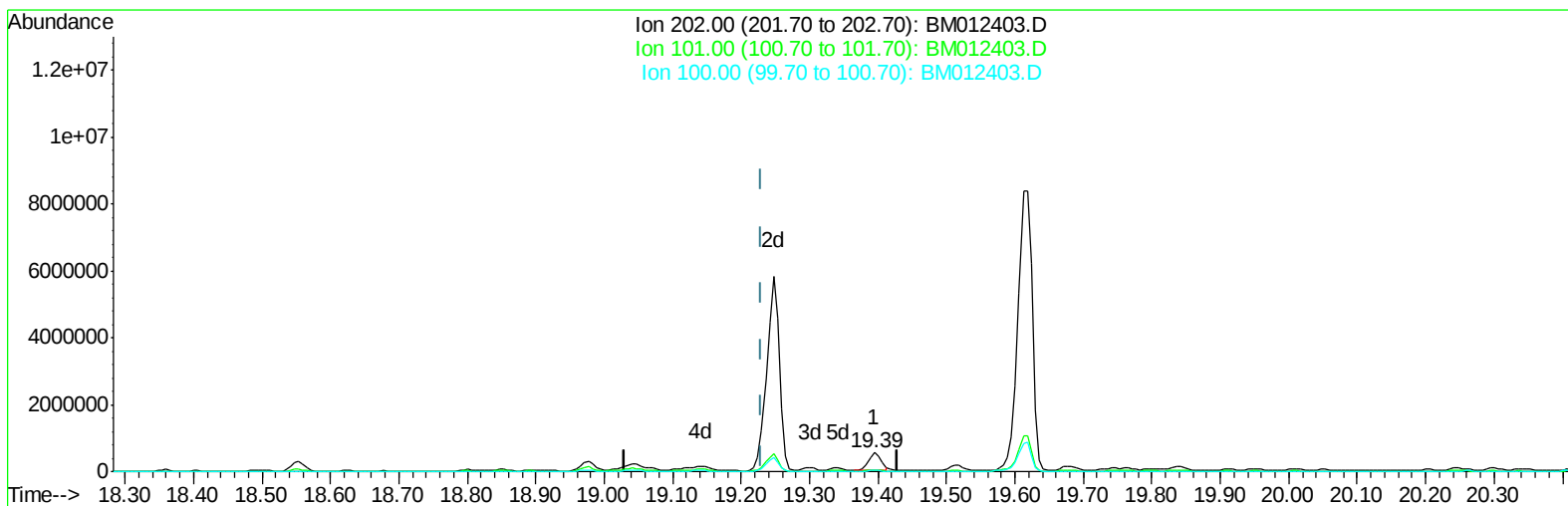
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102117\
Data File : BM012403.D
Acq On : 22 Oct 2017 18:59
Operator : SJ/JU
Sample : I5756-08
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B0CN4

Manual Integrations
APPROVED

Sohil
10/24/2017 10:20:12 AM

Quant Time: Oct 23 18:07:11 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 23 18:04:39 2017
Response via : Initial Calibration



TIC: BM012403.D

(74) Fluoranthene (C)

19.395min (+0.164) 6.21ng/ul

response 694235

Ion	Exp%	Act%
202.00	100	100
101.00	7.20	8.24
100.00	5.40	6.13
0.00	0.00	0.00

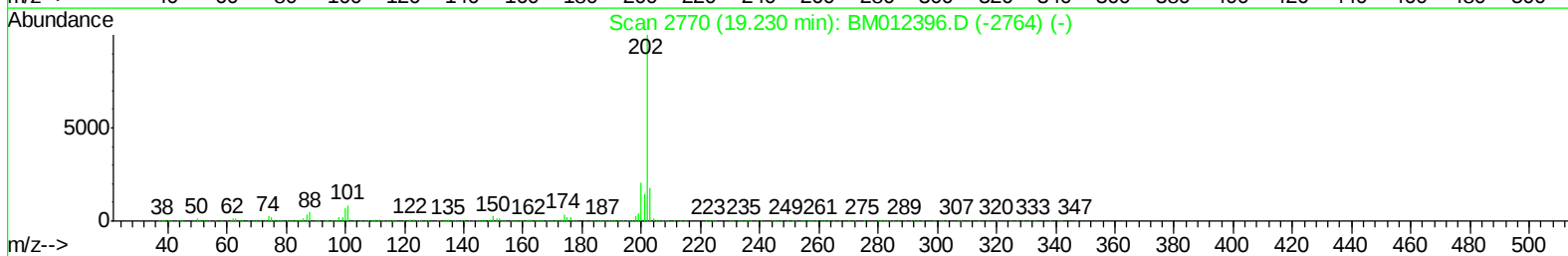
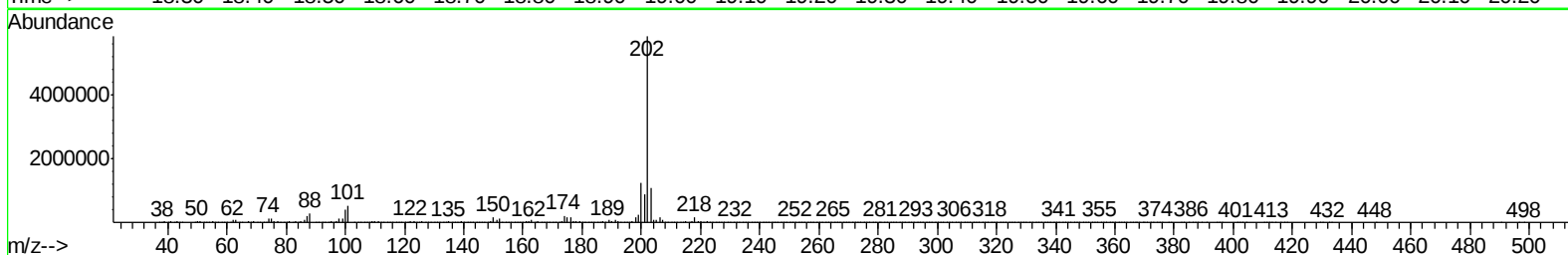
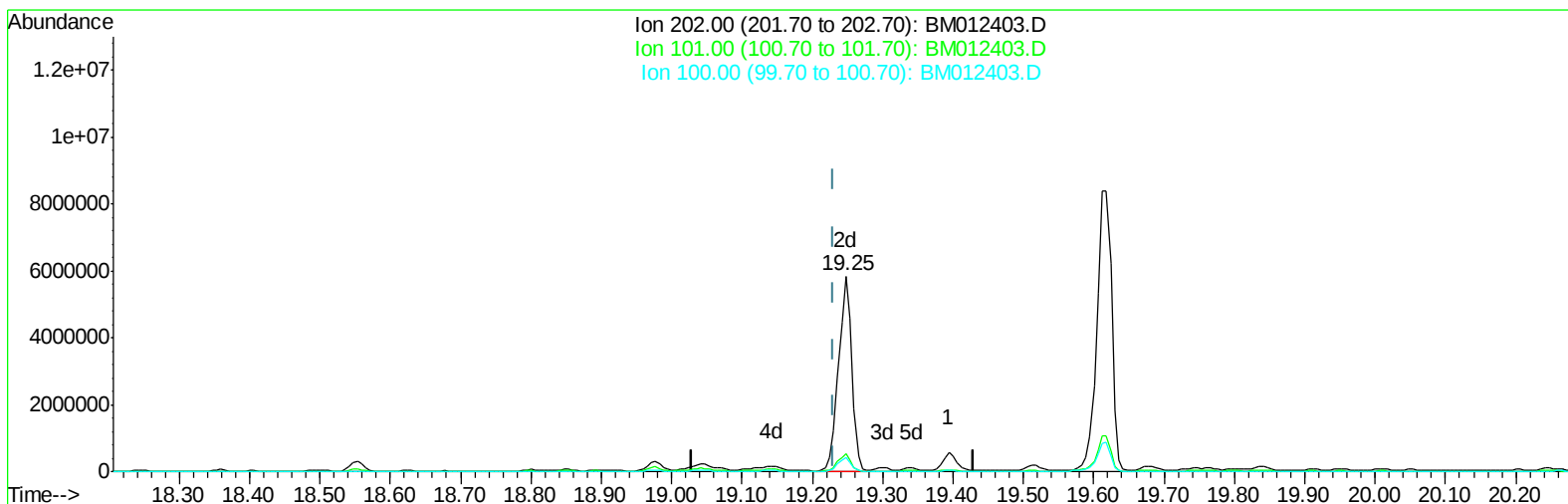
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102117\
Data File : BM012403.D
Acq On : 22 Oct 2017 18:59
Operator : SJ/JU
Sample : I5756-08
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B0CN4

Manual Integrations
APPROVED

Sohil
10/24/2017 10:20:12 AM

Quant Time: Oct 23 18:07:11 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 23 18:04:39 2017
Response via : Initial Calibration



TIC: BM012403.D

(74) Fluoranthene (C)

19.247min (+0.017) 68.67ng/ul m

response 7677400

Ion	Exp%	Act%
202.00	100	100
101.00	7.20	9.03#
100.00	5.40	6.92#
0.00	0.00	0.00

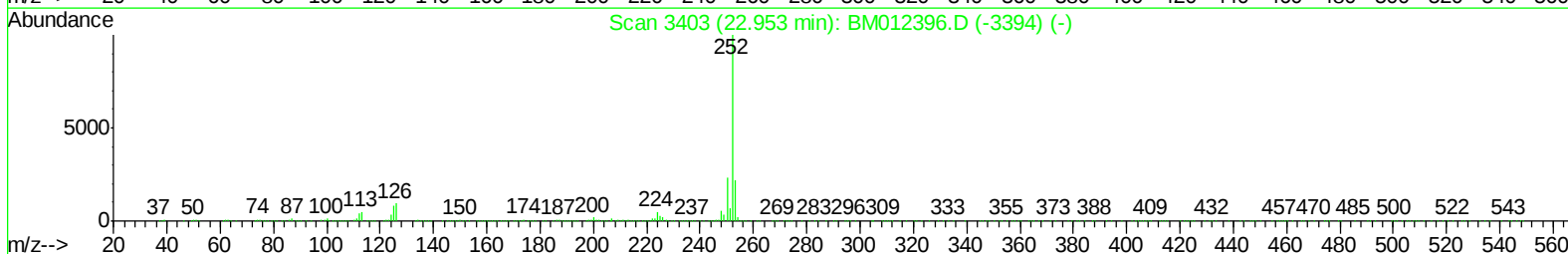
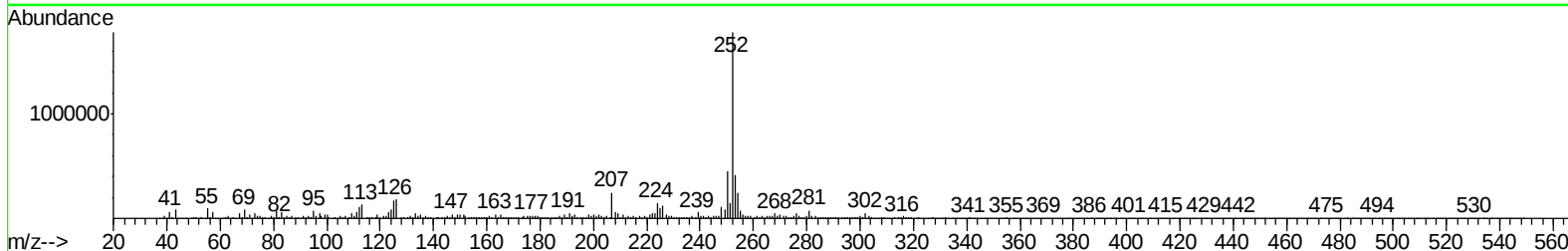
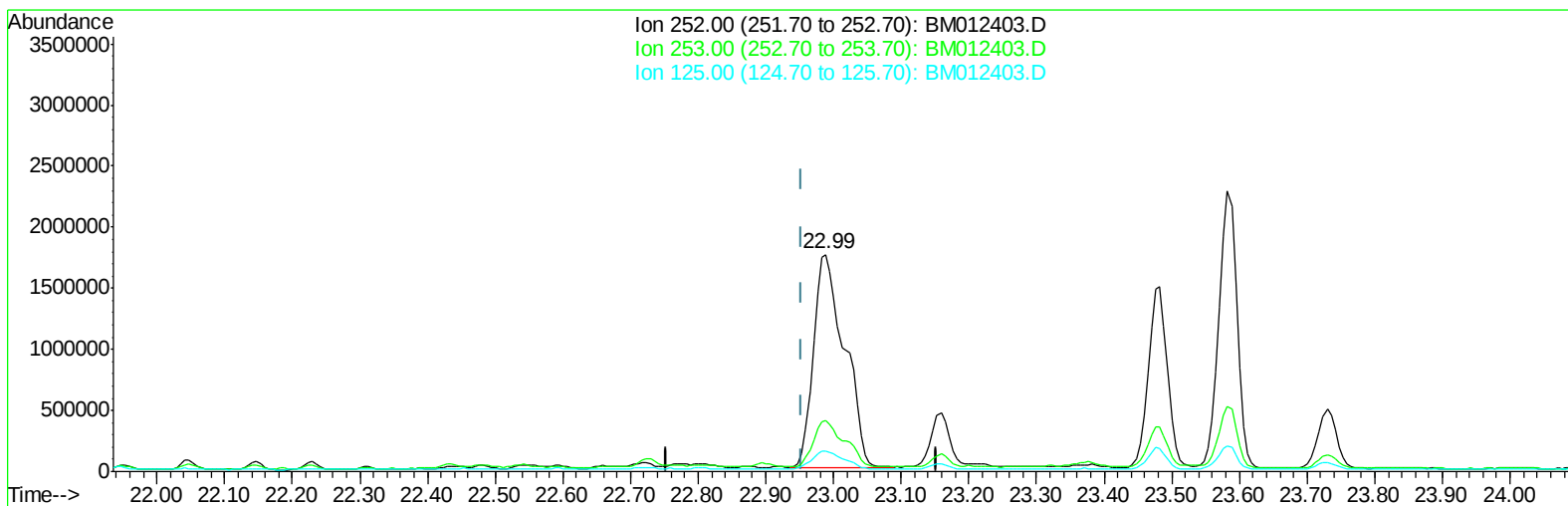
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102117\
Data File : BM012403.D
Acq On : 22 Oct 2017 18:59
Operator : SJ/JU
Sample : I5756-08
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B0CN4

Manual Integrations
APPROVED

Sohil
10/24/2017 10:20:12 AM

Quant Time: Oct 23 18:07:11 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 23 18:04:39 2017
Response via : Initial Calibration



TIC: BM012403.D

(85) Benzo(b)fluoranthene

22.988min (+0.035) 54.64ng/ul

response 5585380

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	23.29
125.00	6.40	9.47#
0.00	0.00	0.00

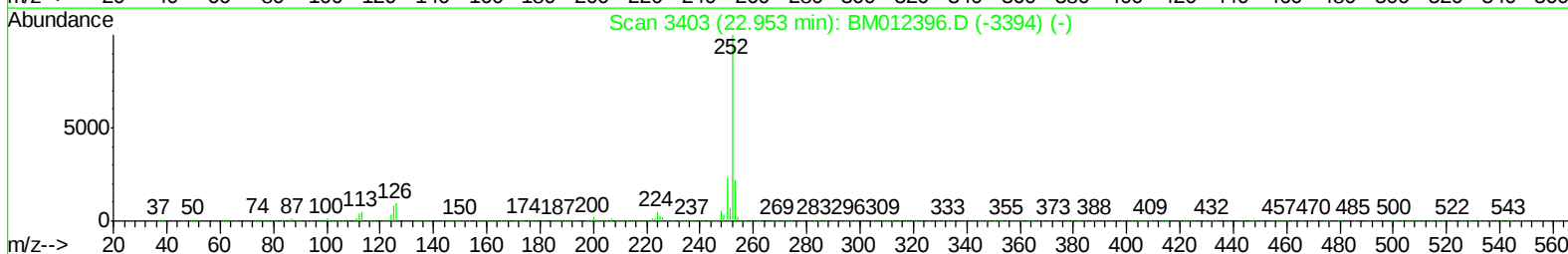
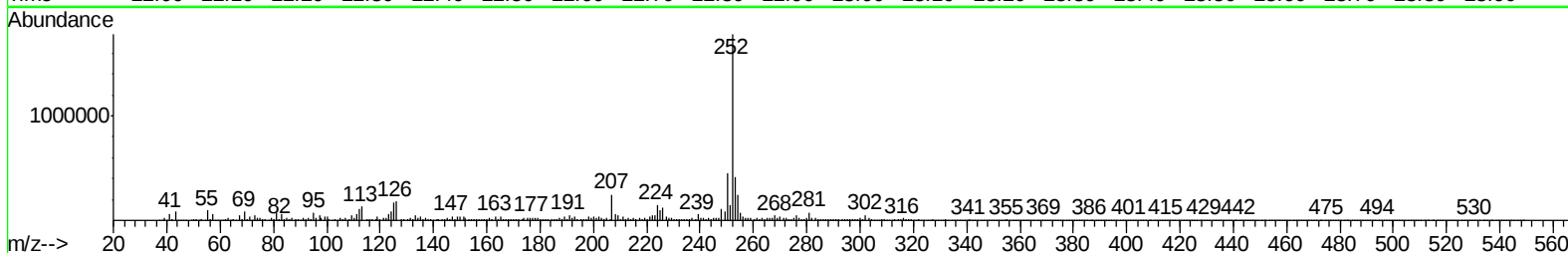
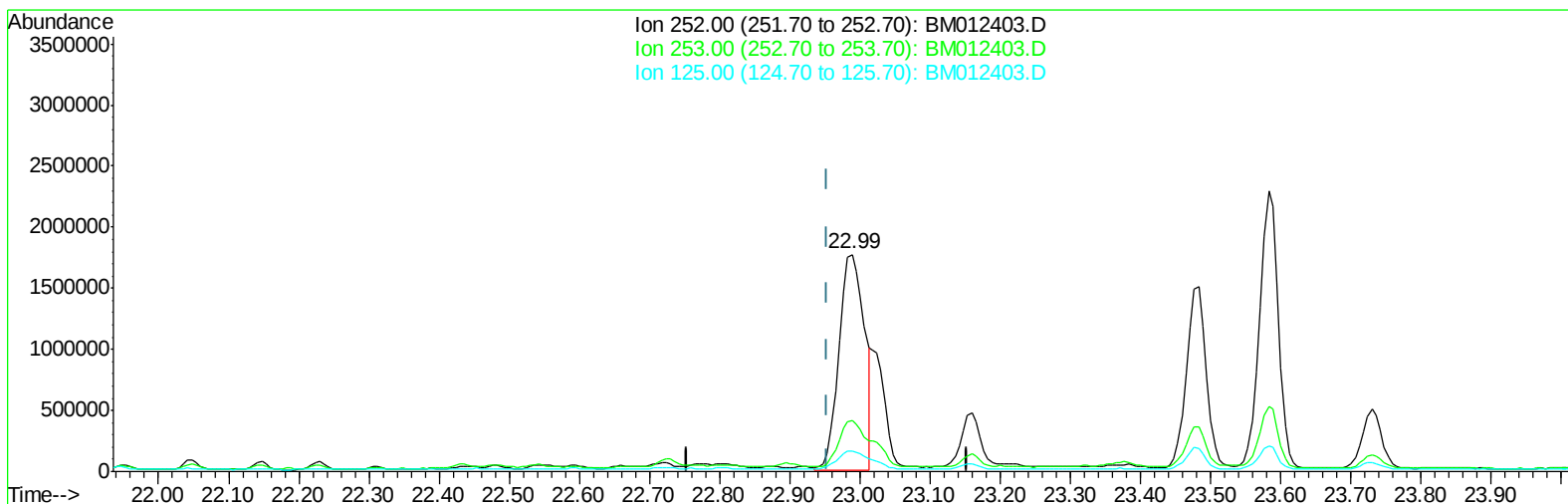
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102117\
Data File : BM012403.D
Acq On : 22 Oct 2017 18:59
Operator : SJ/JU
Sample : I5756-08
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B0CN4

Quant Time: Oct 23 18:07:11 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 23 18:04:39 2017
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
10/24/2017 10:20:12 AM



TIC: BM012403.D

(85) Benzo(b)fluoranthene

22.988min (+0.035) 42.82ng/ul m

response 4376438

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	23.29
125.00	6.40	9.47#
0.00	0.00	0.00

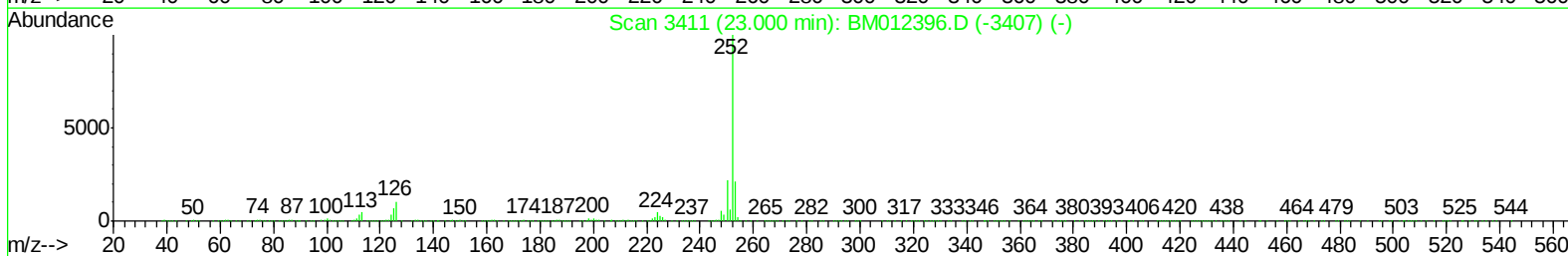
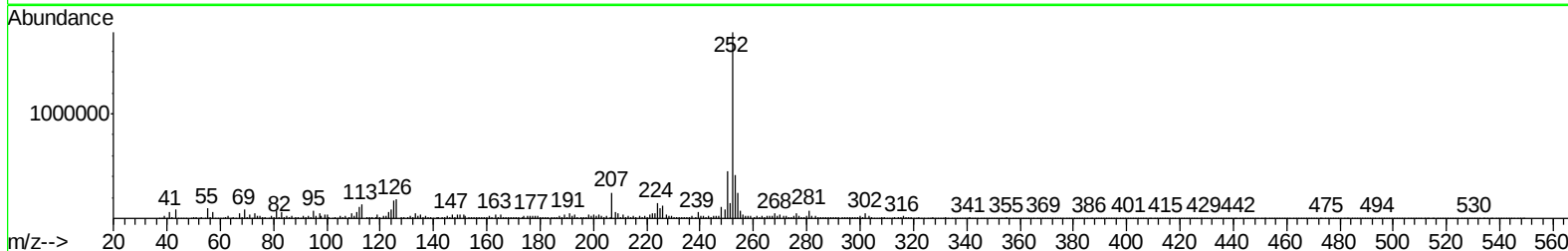
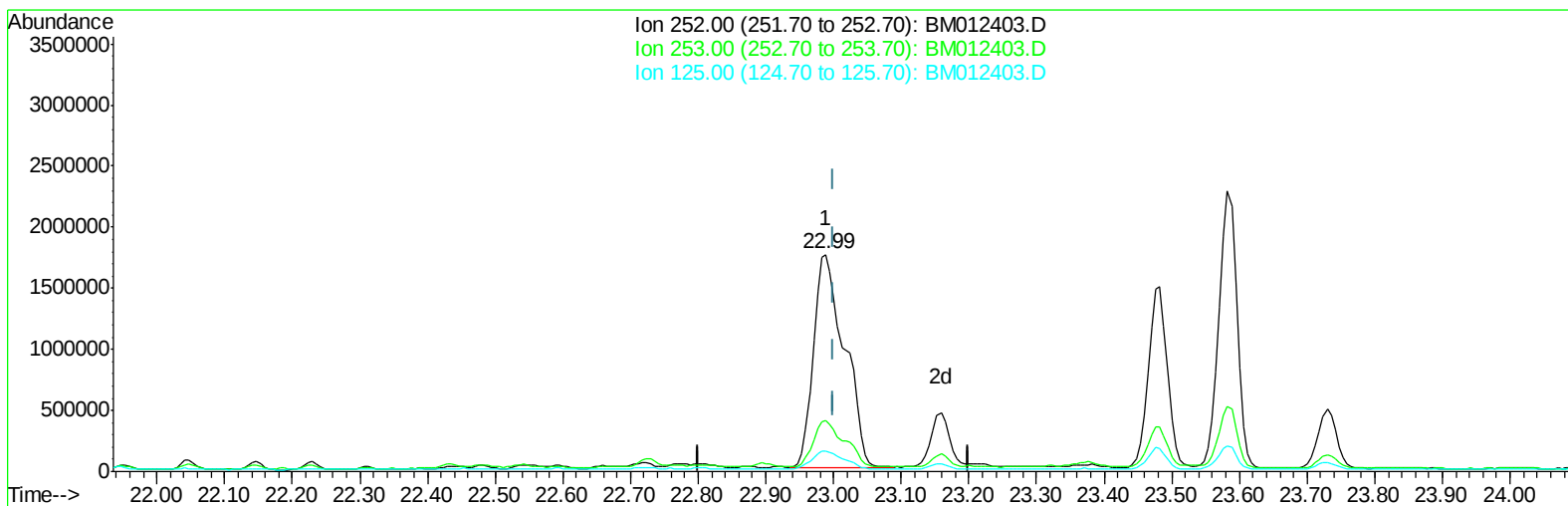
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102117\
Data File : BM012403.D
Acq On : 22 Oct 2017 18:59
Operator : SJ/JU
Sample : I5756-08
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B0CN4

Manual Integrations
APPROVED

Sohil
10/24/2017 10:20:12 AM

Quant Time: Oct 23 18:07:11 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 23 18:04:39 2017
Response via : Initial Calibration



TIC: BM012403.D

(86) Benzo(k)fluoranthene

22.988min (-0.012) 56.70ng/ul

response 5585380

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	23.29
125.00	6.10	9.47#
0.00	0.00	0.00

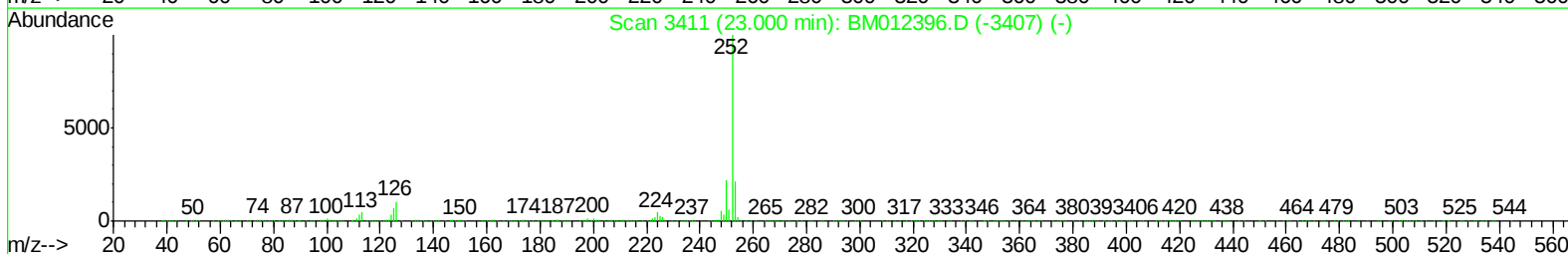
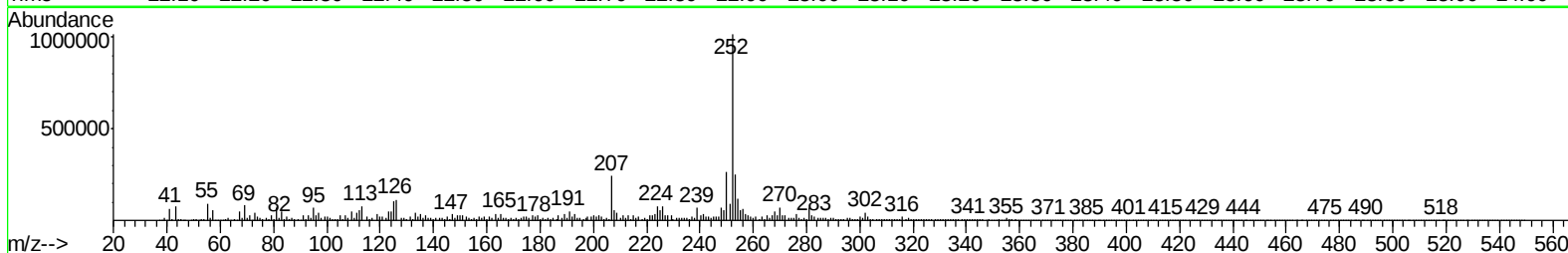
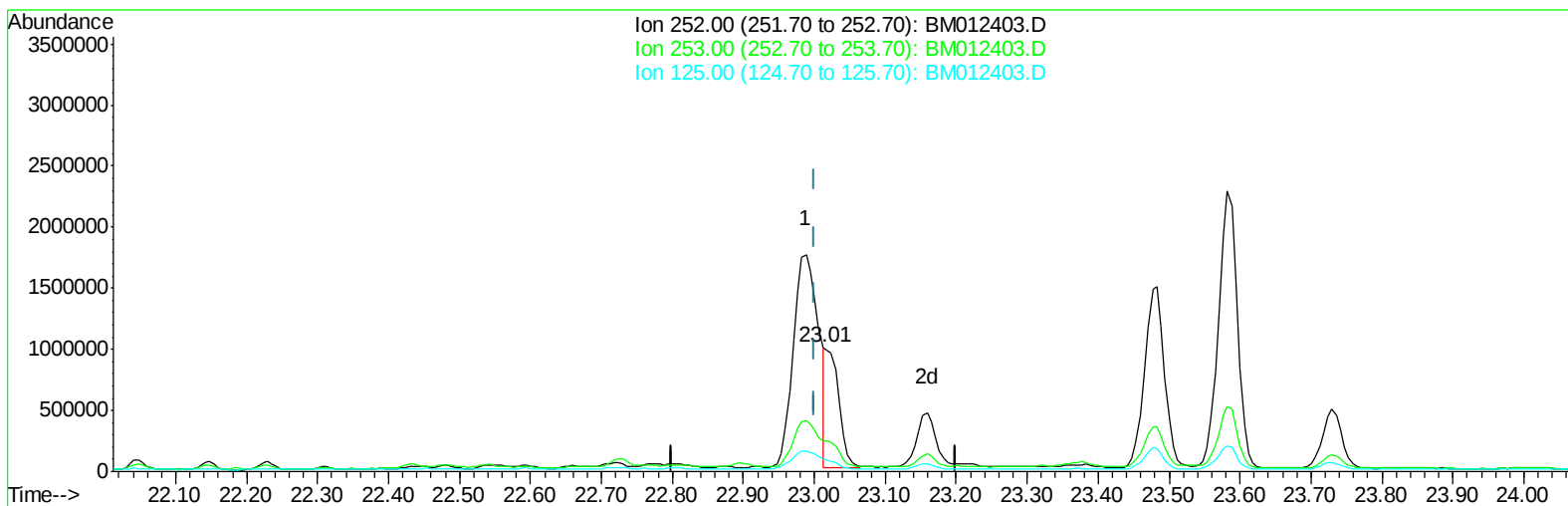
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102117\
Data File : BM012403.D
Acq On : 22 Oct 2017 18:59
Operator : SJ/JU
Sample : I5756-08
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B0CN4

Manual Integrations
APPROVED

Sohil
10/24/2017 10:20:12 AM

Quant Time: Oct 23 18:07:11 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 23 18:04:39 2017
Response via : Initial Calibration



TIC: BM012403.D

(86) Benzo(k)fluoranthene

23.012min (+0.012) 13.03ng/ul m

response 1283273

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	24.76
125.00	6.10	10.28#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102117\
 Data File : BM012403.D
 Acq On : 22 Oct 2017 18:59
 Operator : SJ/JU
 Sample : I5756-08
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0CN4

Manual Integrations
 APPROVED

Sohil
 10/24/2017 10:20:12 AM

Quant Time: Oct 23 18:43:18 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 23 18:04:39 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	330288	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	1417697	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	838231	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	1628415	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	1523318	20.00	ng/ul	0.01
83) Perylene-d12	23.68	264	1566317	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	29579	4.26	ng/uL	0.00
5) Phenol-d5	6.95	99	733740	27.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	456483	28.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	672971	29.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	615166	26.66	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	330288	30.53	ng/ul	0.01
22) 2-Nitrophenol-d4	9.66	143	371243	29.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	700008	29.00	ng/ul	0.01
29) 4-Chloroaniline-d4	10.72	131	240438	10.64	ng/ul	0.01
43) Dimethylphthalate-d6	13.84	166	2217662	29.93	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	2725273	30.39	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	179612	16.13	ng/ul	0.02
57) Fluorene-d10	15.42	176	1831343	30.12	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.59	200	45318	4.05	ng/ul	0.02
70) Anthracene-d10	17.28	188	2441114	30.32	ng/ul	0.00
76) Pyrene-d10	19.58	212	2304410	29.80	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.54	264	2259003	29.92	ng/ul	0.04

Target Compounds

					Qvalue	
6) Phenol	6.97	94	148224	5.350	ng/ul#	86
28) Naphthalene	10.61	128	343347	4.681	ng/ul	98
34) 2-Methylnaphthalene	12.24	142	610096	11.022	ng/ul	99
40) 1,1'-Biphenyl	13.25	154	98812	1.397	ng/ul	98
44) Dimethylphthalate	13.88	163	774565	10.436	ng/ul	99
47) Acenaphthylene	14.15	152	1658994	18.839	ng/ul	96
49) Acenaphthene	14.49	153	462141	7.791	ng/ul	99
58) Fluorene	15.48	166	1167356	16.457	ng/ul	99
69) Phenanthrene	17.22	178	9488910	102.432	ng/ul	97
71) Anthracene	17.31	178	2087855	21.771	ng/ul	99
74) Fluoranthene	19.25	202	7677400m	68.675	ng/ul	
77) Pyrene	19.61	202	12247945	121.747	ng/ul#	89
80) Benzo(a)anthracene	21.35	228	4959342	50.033	ng/ul#	92
82) Chrysene	21.41	228	5532740	59.453	ng/ul	93
85) Benzo(b)fluoranthene	22.99	252	4376438m	42.816	ng/ul	
86) Benzo(k)fluoranthene	23.01	252	1283273m	13.028	ng/ul	
88) Benzo(a)pyrene	23.58	252	4190792	43.500	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.05	276	2283189	22.317	ng/ul	99
90) Dibenzo(a,h)anthracene	26.04	278	806201	9.374	ng/ul#	78
91) Benzo(g,h,i)perylene	26.78	276	2226082	26.567	ng/ul#	93

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

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102117\
Data File : BM012403.D
Acq On : 22 Oct 2017 18:59
Operator : SJ/JU
Sample : I5756-08
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
B0CN4

Quant Time: Oct 23 18:43:18 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 23 18:04:39 2017
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
10/24/2017 10:20:12 AM

