

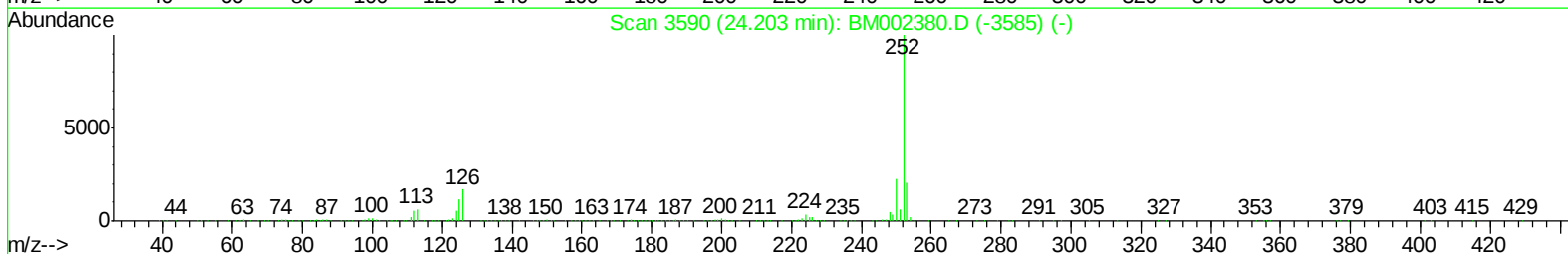
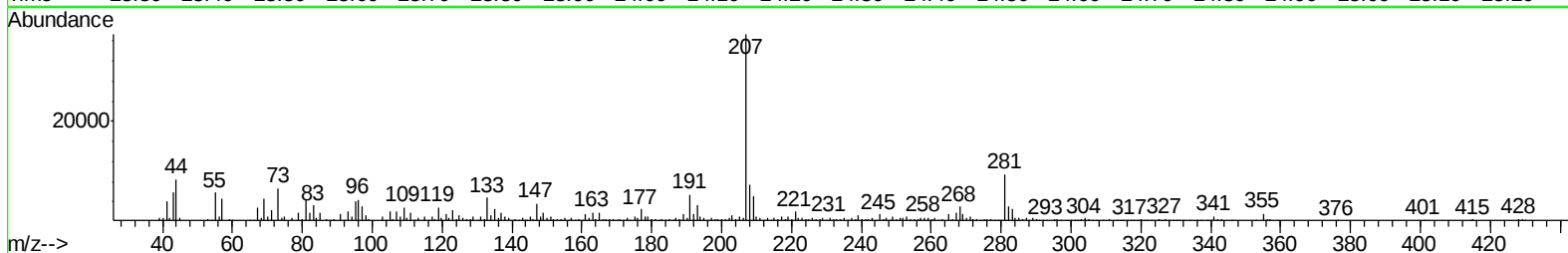
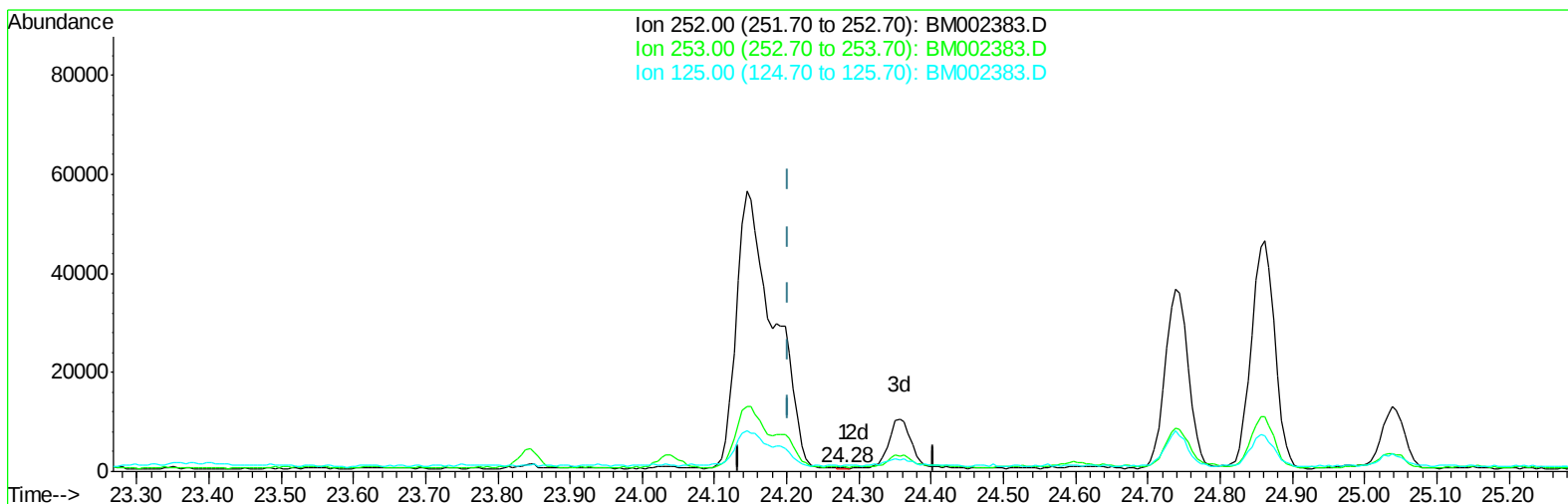
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081315\
Data File : BM002383.D
Acq On : 13 Aug 2015 04:38
Operator : UM/IZ
Sample : G3194-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9D84

Manual Integrations
APPROVED

MMDadoda
8/14/2015 3:04:34 PM

Quant Time: Aug 13 05:40:07 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 05:08:41 2015
Response via : Initial Calibration



TIC: BM002383.D

(24) Benzo(k)fluoranthene

24.280min (+0.076) 0.00ng/ul

response 127

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	145.58#
125.00	12.80	178.55#
0.00	0.00	0.00

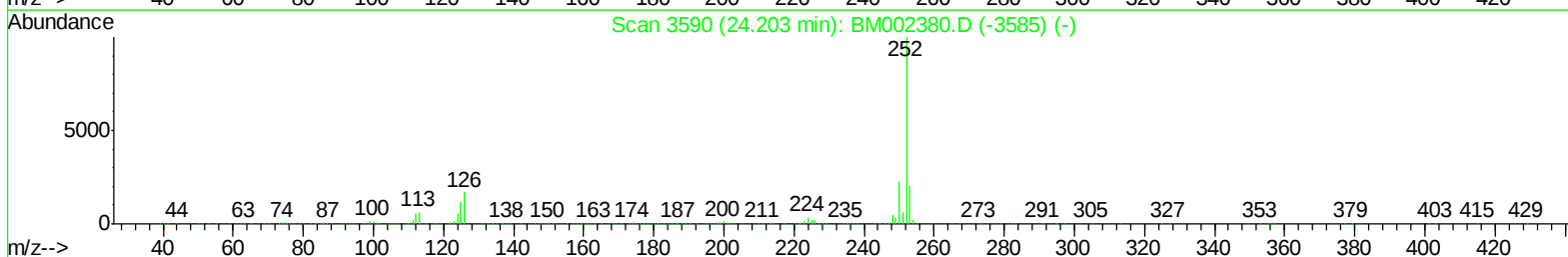
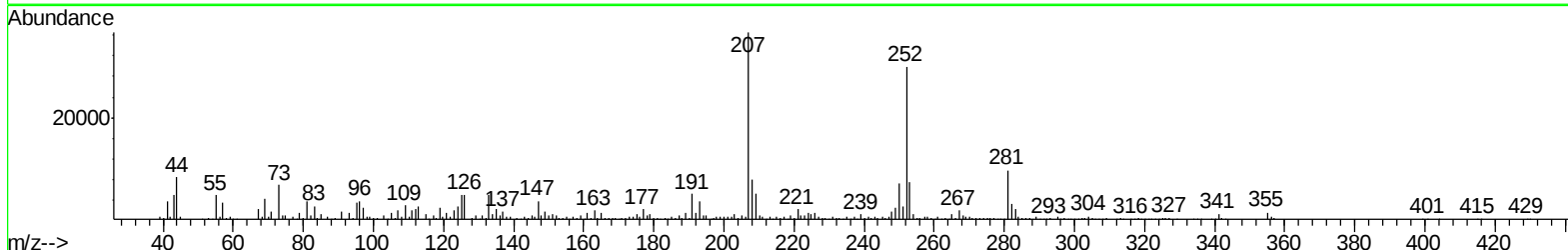
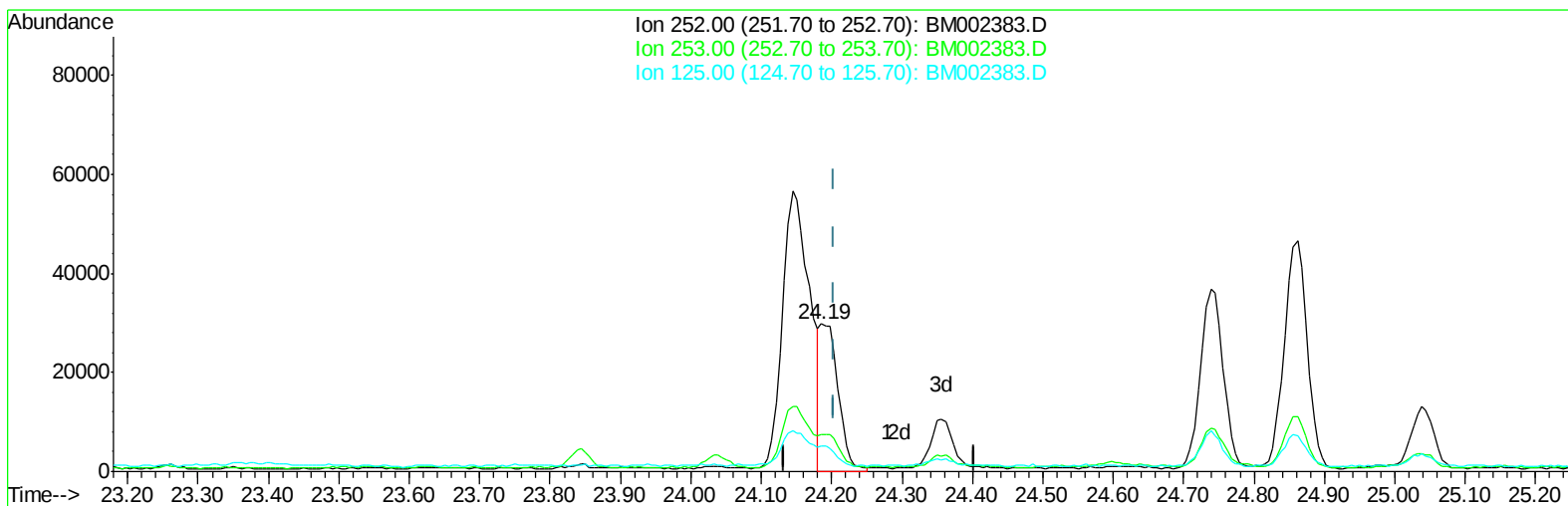
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(24) Benzo(k)fluoranthene

24.185min (-0.018) 1.97ng/ul m

response 53437

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	25.09
125.00	12.80	17.10#
0.00	0.00	0.00

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MMDadoda
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Quant Time: Aug 13 05:42:01 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 13 05:08:41 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	173212	20.00	ng/ul	0.00
2) Naphthalene-d8	11.77	136	766171	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.49	164	373114	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.20	188	656003	20.00	ng/ul	0.00
17) Chrysene-d12	22.28	240	464670	20.00	ng/ul	0.00
22) Perylene-d12	24.98	264	454360	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.19	160	685456	17.73	ng/ul	0.00
10) Fluorene-d10	16.46	176	431967	16.07	ng/ul	0.00
14) Anthracene-d10	18.29	188	544836	17.12	ng/ul	0.00
18) Pyrene-d10	20.51	212	414039	18.37	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.80	264	279902	11.60	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Phenanthrene	18.24	178	171674	4.55	ng/ul	99
16) Fluoranthene	20.18	202	246133	5.89	ng/ul	99
19) Pyrene	20.54	202	205074	6.83	ng/ul	96
20) Benzo(a)anthracene	22.26	228	103065	3.63	ng/ul	98
21) Chrysene	22.32	228	108091	4.02	ng/ul	97
23) Benzo(b)fluoranthene	24.14	252	150667	5.34	ng/ul	97
24) Benzo(k)fluoranthene	24.19	252	53437m	1.97	ng/ul	
26) Benzo(a)pyrene	24.86	252	104351	3.86	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	27.83	276	86388	2.79	ng/ul	93
29) Benzo(g,h,i)perylene	28.73	276	86583	3.31	ng/ul	99

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

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