

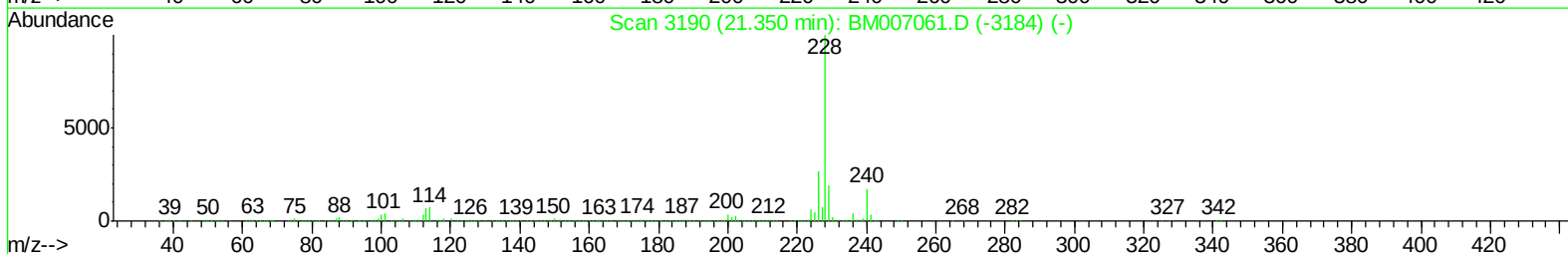
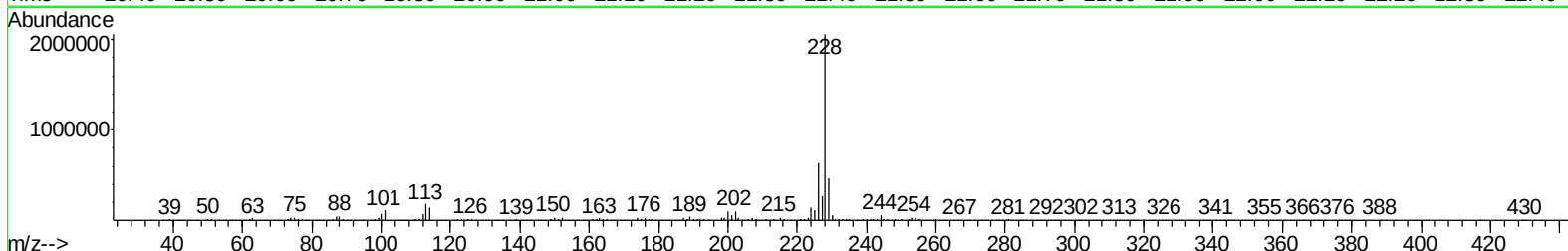
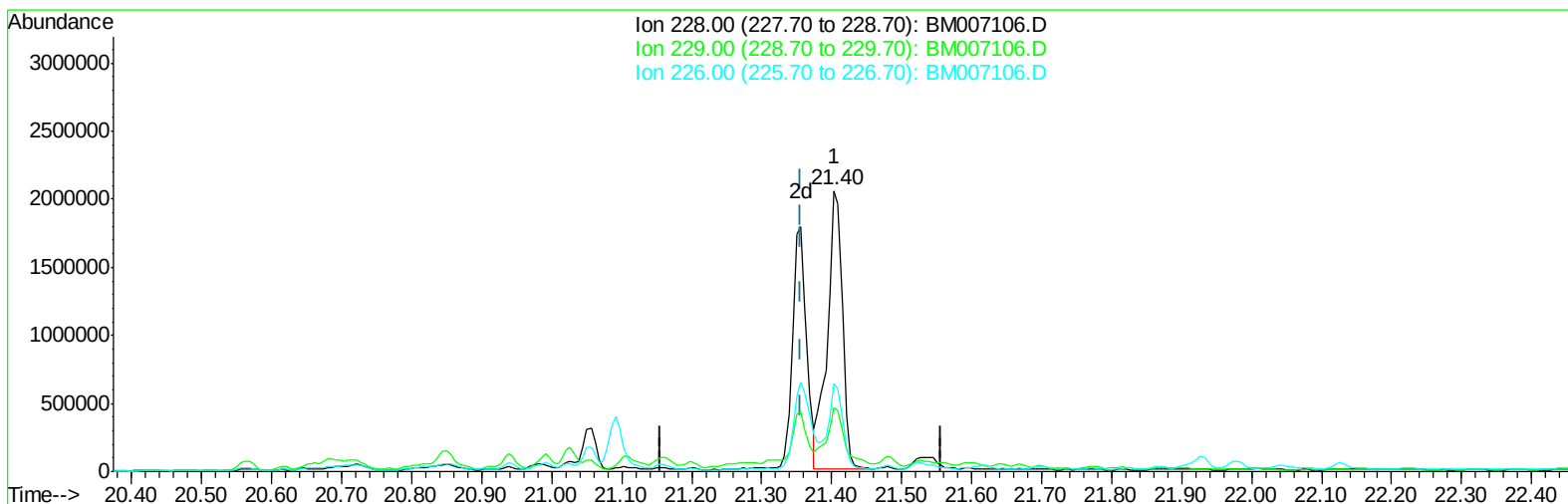
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
Data File : BM007106.D
Acq On : 14 Aug 2016 14:04
Operator : UM/SJ
Sample : H4387-21
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PR002-SS001-1218-01

Manual Integrations
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Quant Time: Aug 15 14:58:35 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 15 10:34:14 2016
Response via : Initial Calibration



TIC: BM007106.D

(80) Benzo(a)anthracene
21.403min (+0.047) 29.90ng/ul
response 3067573

Ion	Exp%	Act%
228.00	100	100
229.00	19.50	22.82
226.00	27.30	31.19
0.00	0.00	0.00

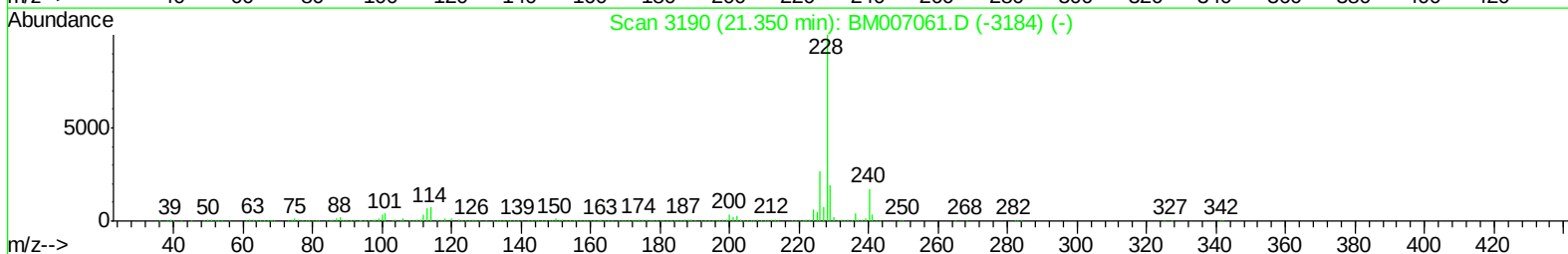
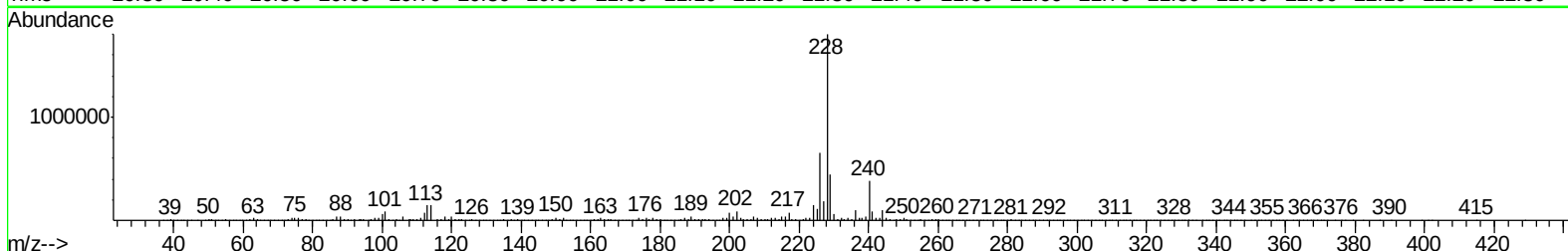
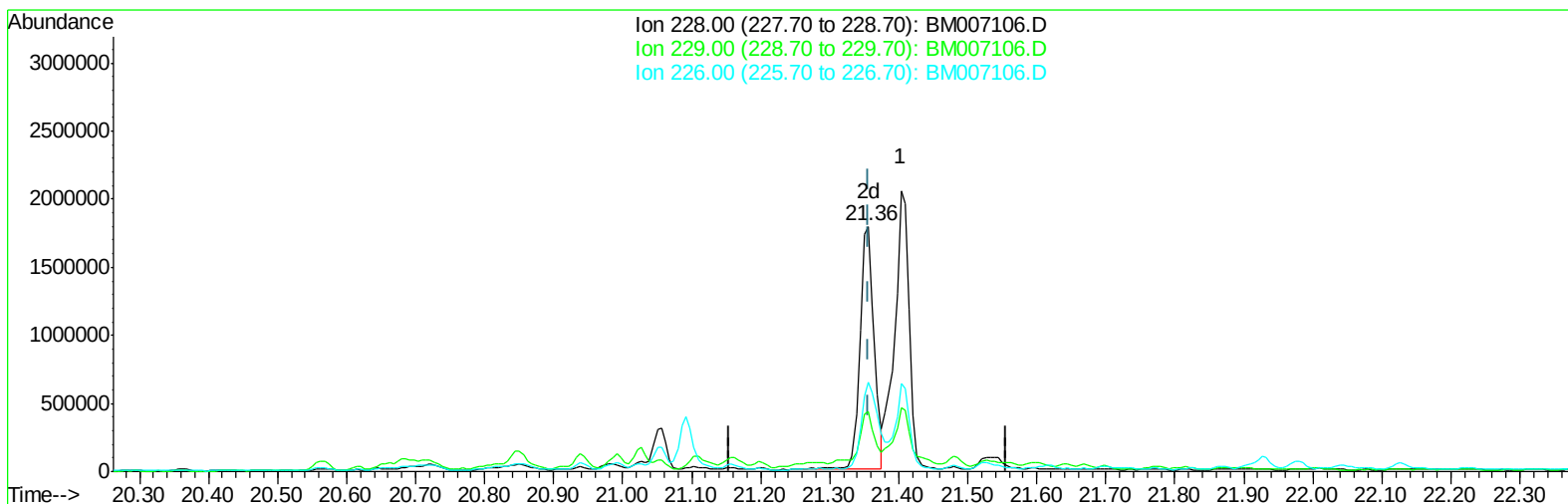
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TIC: BM007106.D

(80) Benzo(a)anthracene

21.356min (-0.000) 24.68ng/ul m

response 2532085

Ion	Exp%	Act%
228.00	100	100
229.00	19.50	24.46#
226.00	27.30	36.31#
0.00	0.00	0.00

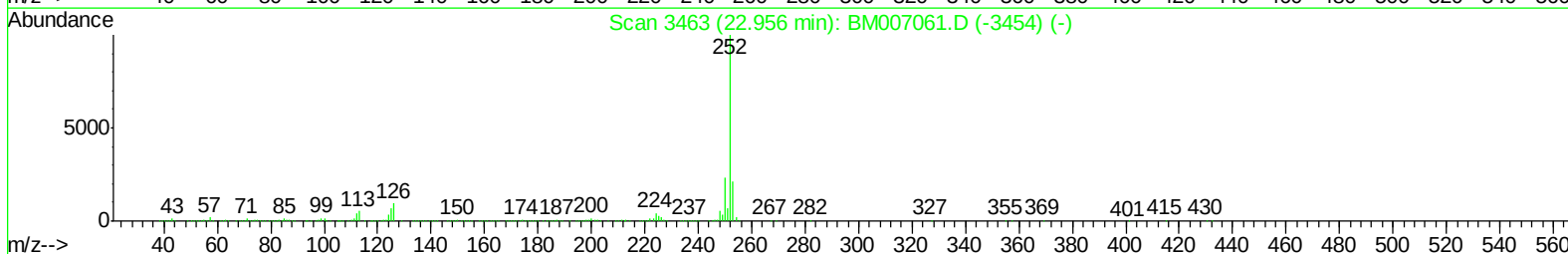
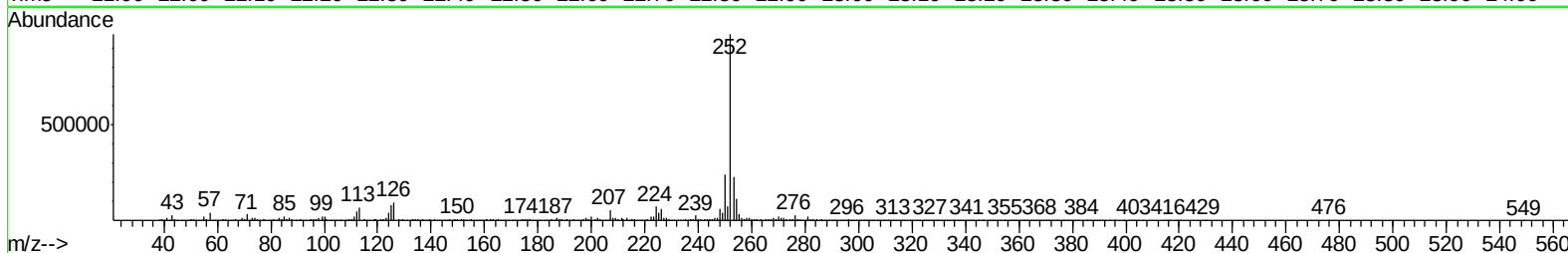
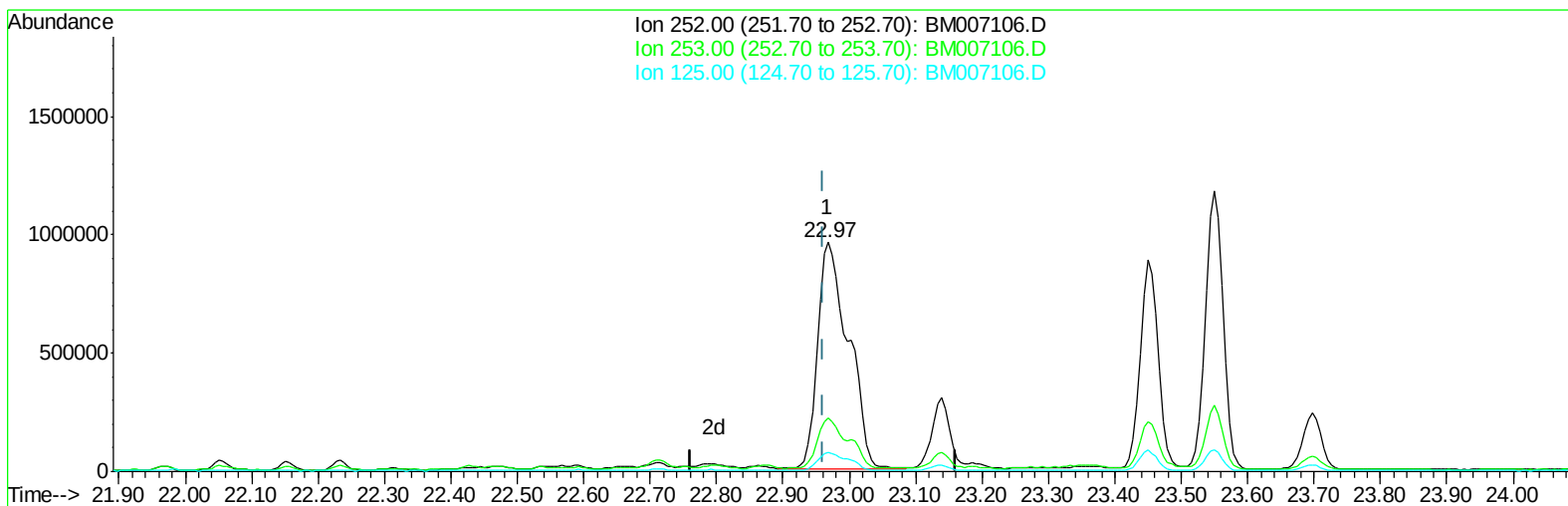
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
Data File : BM007106.D
Acq On : 14 Aug 2016 14:04
Operator : UM/SJ
Sample : H4387-21
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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TIC: BM007106.D

(85) Benzo(b)fluoranthene

22.968min (+0.006) 26.25ng/ul

response 3097287

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.60
125.00	7.30	8.21
0.00	0.00	0.00

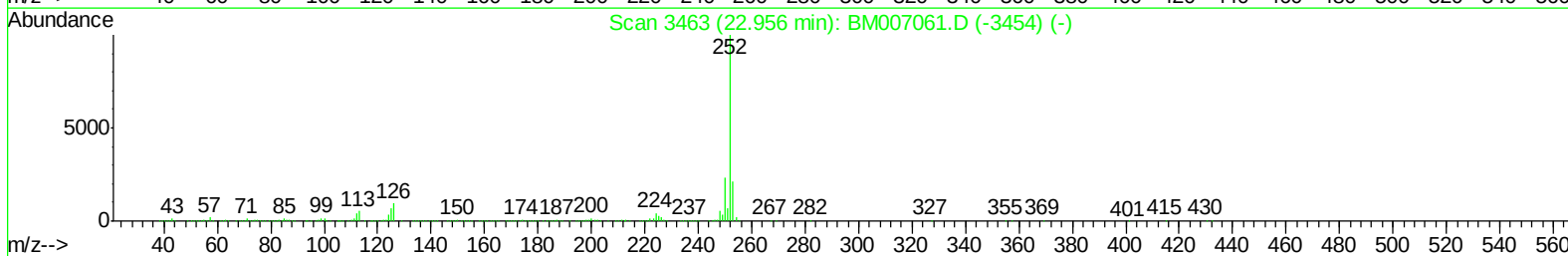
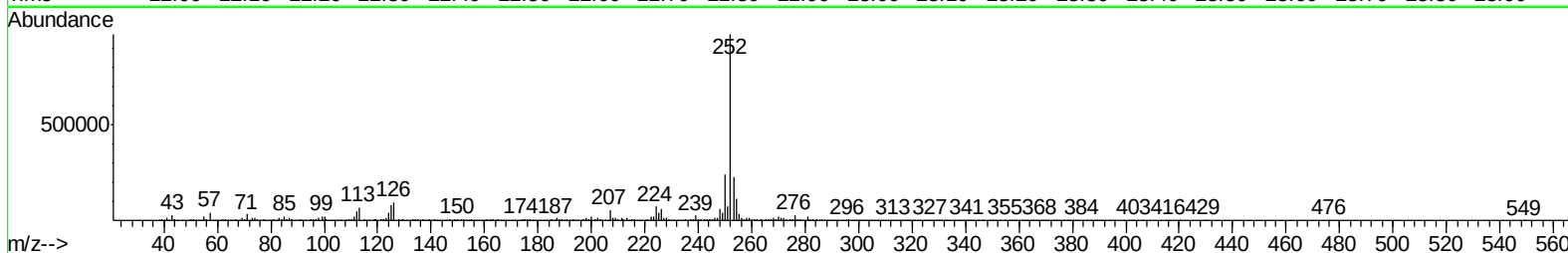
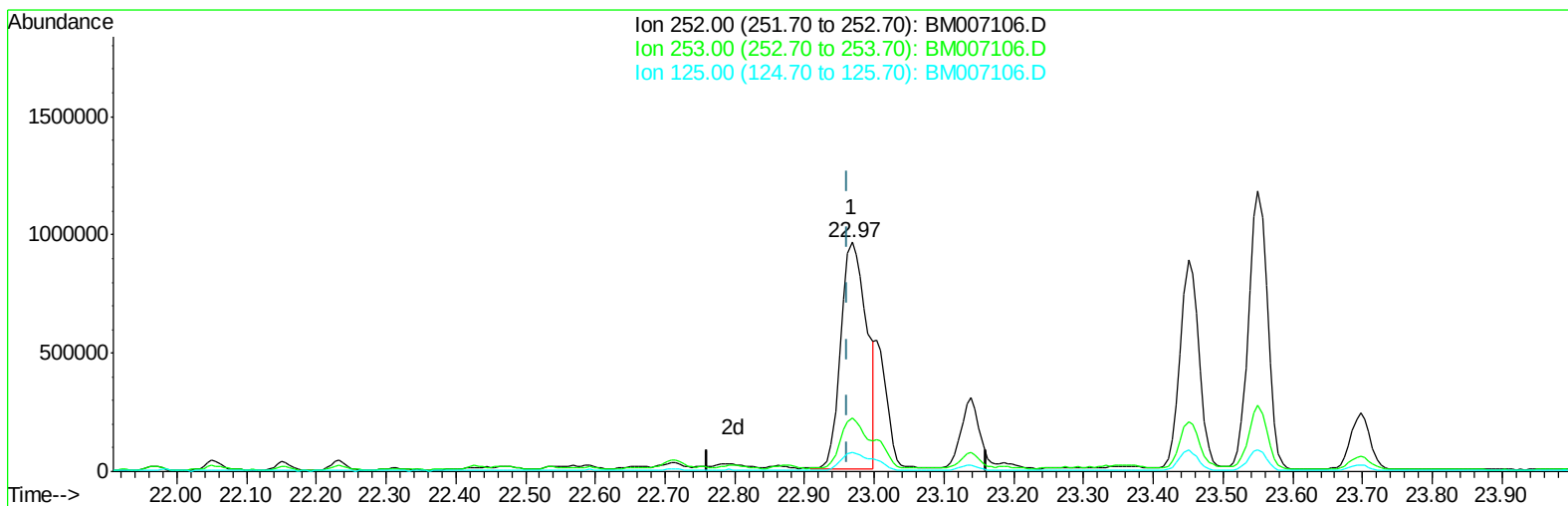
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
Data File : BM007106.D
Acq On : 14 Aug 2016 14:04
Operator : UM/SJ
Sample : H4387-21
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
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TIC: BM007106.D

(85) Benzo(b)fluoranthene

22.968min (+0.006) 20.90ng/ul m

response 2465339

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.60
125.00	7.30	8.21
0.00	0.00	0.00

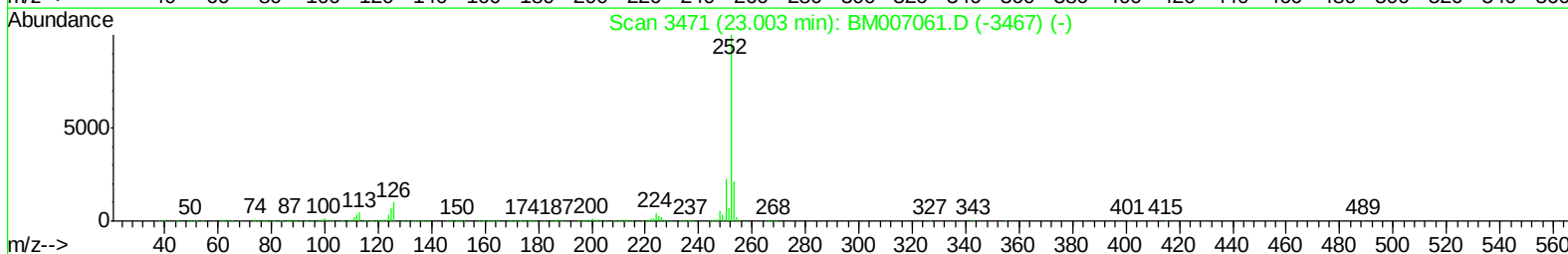
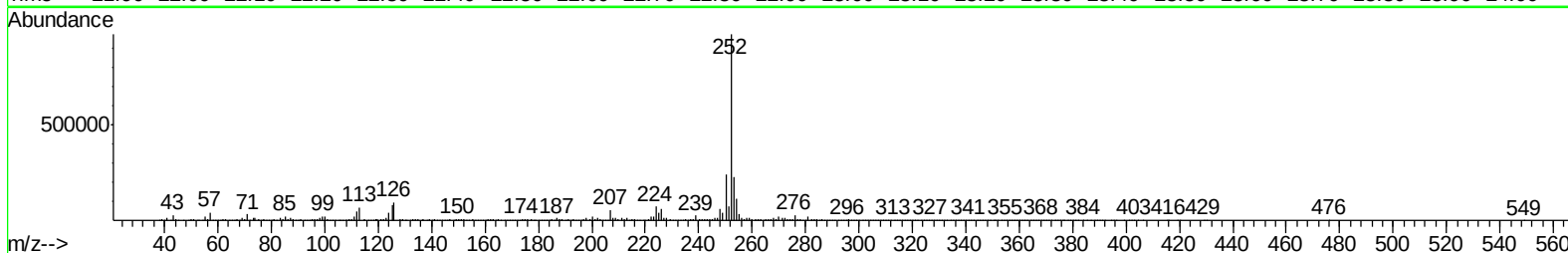
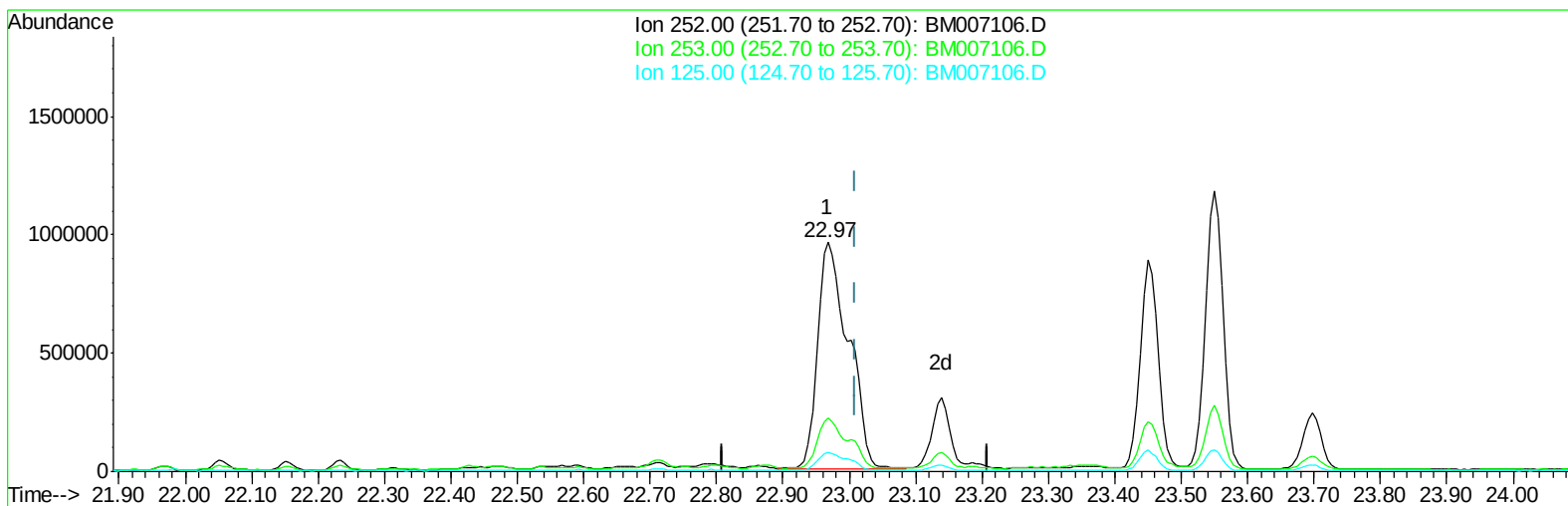
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Sample : H4387-21
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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TIC: BM007106.D

(86) Benzo(k)fluoranthene

22.968min (-0.041) 27.96ng/ul

response 3097287

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	23.60
125.00	7.10	8.21
0.00	0.00	0.00

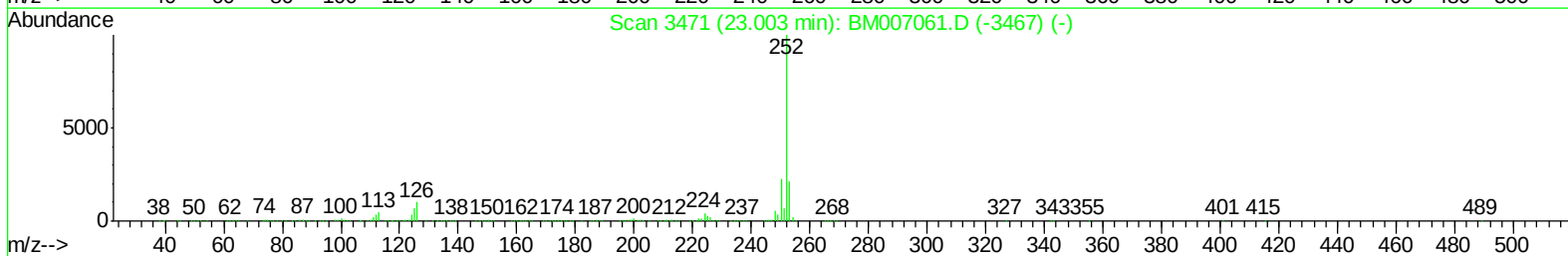
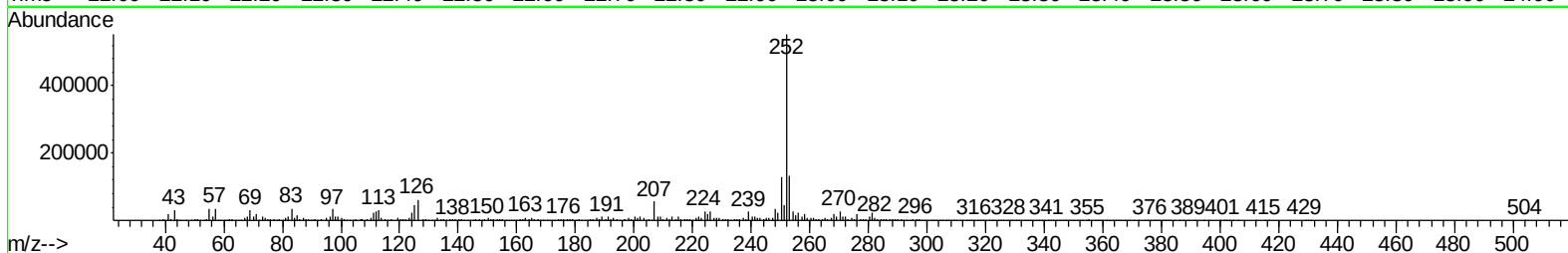
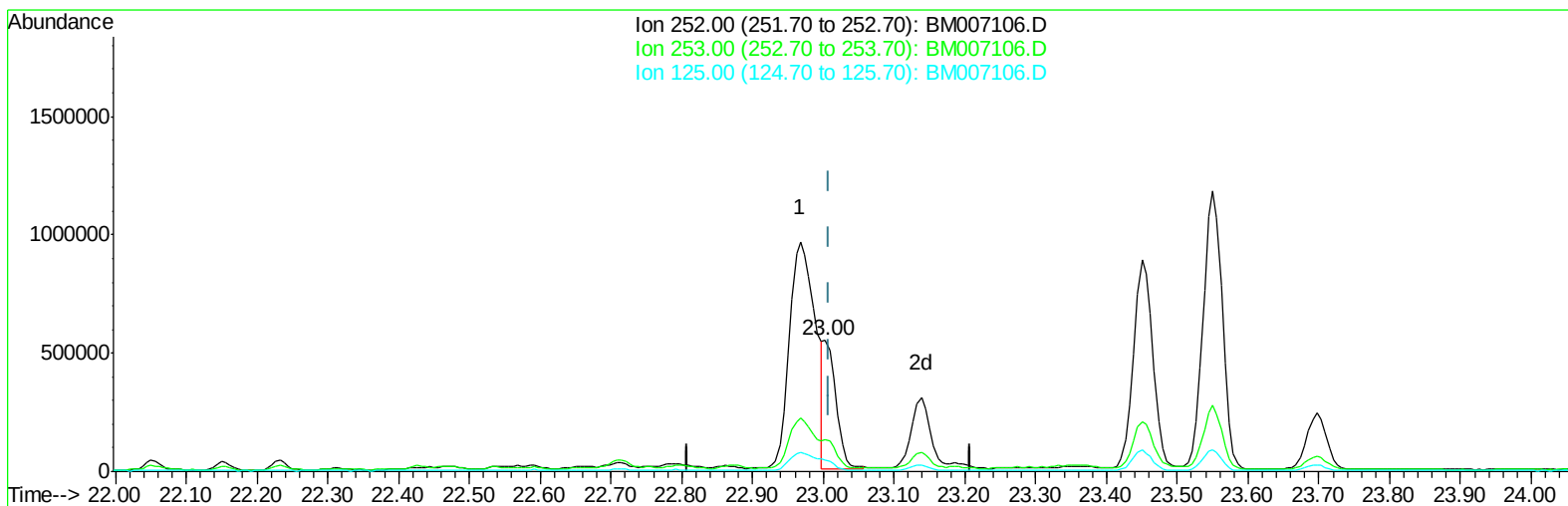
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
Data File : BM007106.D
Acq On : 14 Aug 2016 14:04
Operator : UM/SJ
Sample : H4387-21
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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TIC: BM007106.D

(86) Benzo(k)fluoranthene

23.003min (-0.006) 5.84ng/ul m

response 647458

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	24.04
125.00	7.10	8.50
0.00	0.00	0.00

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Manual Integrations
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Quant Time: Aug 15 15:01:20 2016
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 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 15 10:34:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	285538	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1118221	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	630792	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1426768	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	1736442	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	1958237	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	18587	2.84	ng/uL	0.00
5) Phenol-d5	6.97	99	378061	16.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	223359	16.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	308767	16.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	278597	14.64	ng/ul	-0.01
19) Nitrobenzene-d5	8.96	128	148928	18.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	167081	19.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	311534	17.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	269389	12.46	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	938393	18.00	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1172426	18.73	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	148276	15.87	ng/ul	0.00
57) Fluorene-d10	15.43	176	832442	18.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	107265	13.60	ng/ul	0.00
70) Anthracene-d10	17.28	188	1315758	19.91	ng/ul	0.00
76) Pyrene-d10	19.58	212	1526909	20.83	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	1763712	19.69	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.00	94	31433	1.29	ng/ul	92
28) Naphthalene	10.65	128	71556	1.29	ng/ul	96
34) 2-Methylnaphthalene	12.26	142	79078	1.85	ng/ul	97
44) Dimethylphthalate	13.90	163	953091	18.30	ng/ul	99
47) Acenaphthylene	14.16	152	902777	14.01	ng/ul	100
58) Fluorene	15.49	166	206424	4.12	ng/ul	99
69) Phenanthrene	17.23	178	3182491	41.48	ng/ul	99
71) Anthracene	17.32	178	645229	8.19	ng/ul	99
74) Fluoranthene	19.24	202	3479814	37.39	ng/ul	99
77) Pyrene	19.61	202	6062904	63.15	ng/ul	98
80) Benzo(a)anthracene	21.36	228	2532085m	24.68	ng/ul	
82) Chrysene	21.40	228	3066625	32.71	ng/ul	95
85) Benzo(b)fluoranthene	22.97	252	2465339m	20.90	ng/ul	
86) Benzo(k)fluoranthene	23.00	252	647458m	5.84	ng/ul	
88) Benzo(a)pyrene	23.55	252	2226414	19.91	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	25.95	276	1352496	9.87	ng/ul	98
90) Dibenzo(a,h)anthracene	25.95	278	404636	3.52	ng/ul#	84
91) Benzo(g,h,i)perylene	26.66	276	1486288	12.83	ng/ul	98

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

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