

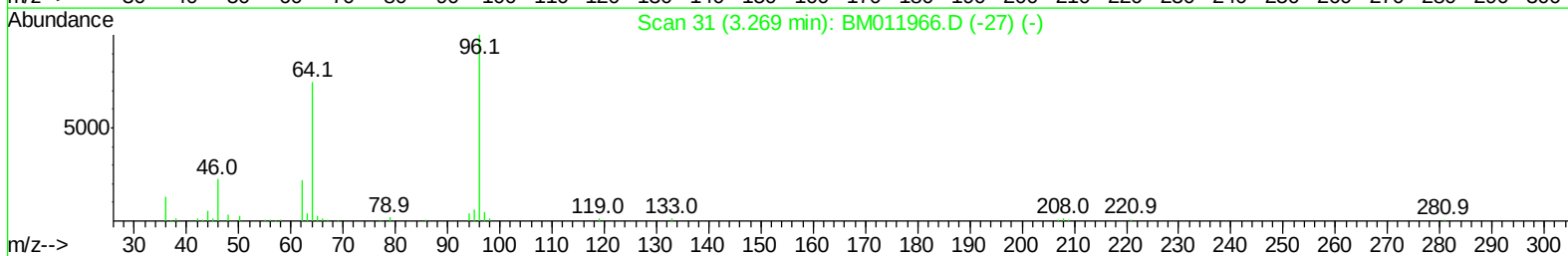
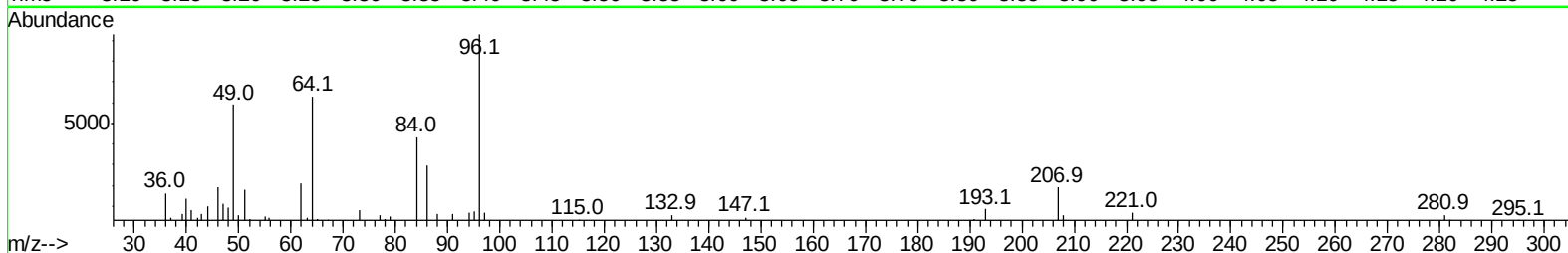
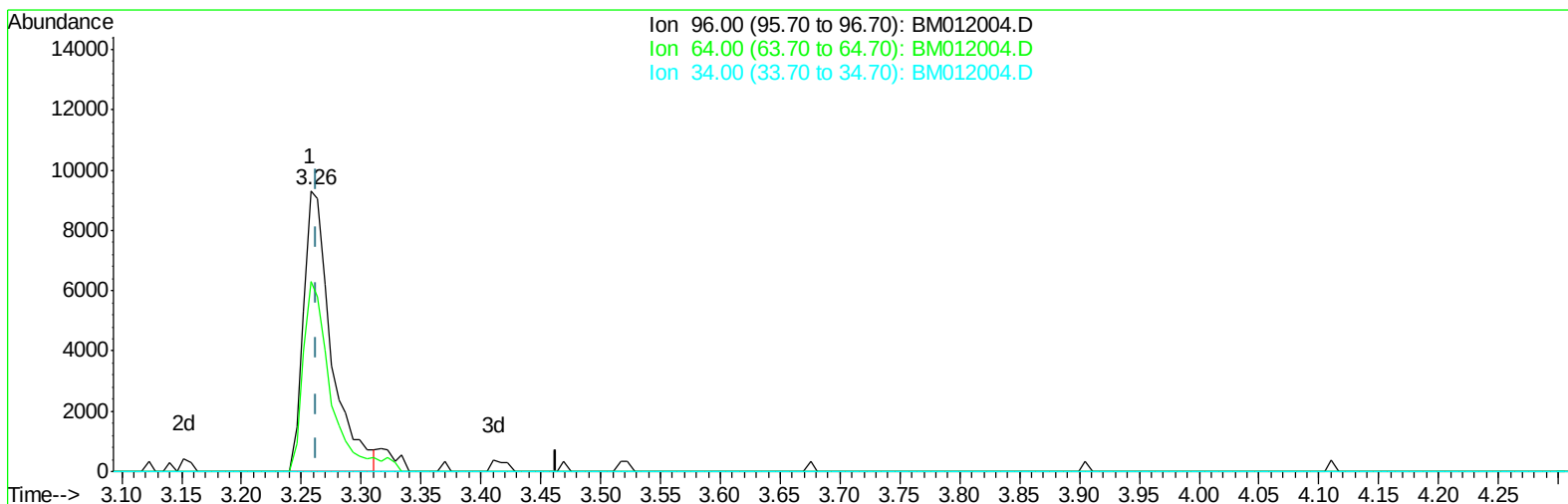
Data Path : Z:\HPCHEM1\BNA M\DATA\BM100817\
Data File : BM012004.D
Acq On : 09 Oct 2017 07:40
Operator : SJ/JU
Sample : I5522-20
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC6

Manual Integrations
APPROVED

Sohil
10/9/2017 6:41:43 PM

Quant Time: Oct 09 08:48:13 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 09 03:46:05 2017
Response via : Initial Calibration



TIC: BM012004.D

(3) 1,4-Dioxane-d8 (S)

3.258min (-0.006) 5.51ng/uL

response 15088

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	65.79
34.00	0.00	0.00
0.00	0.00	0.00

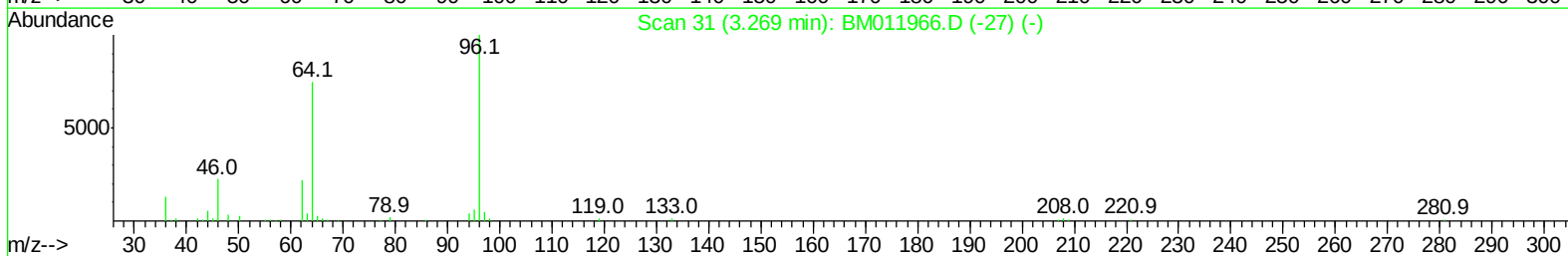
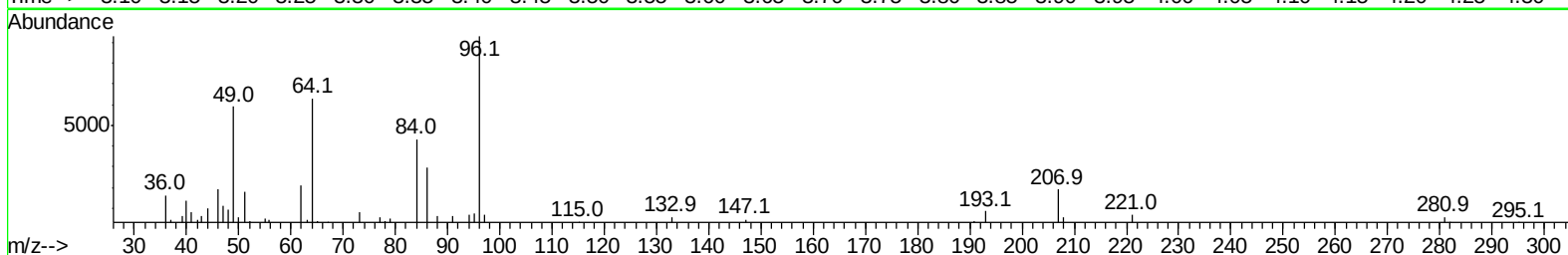
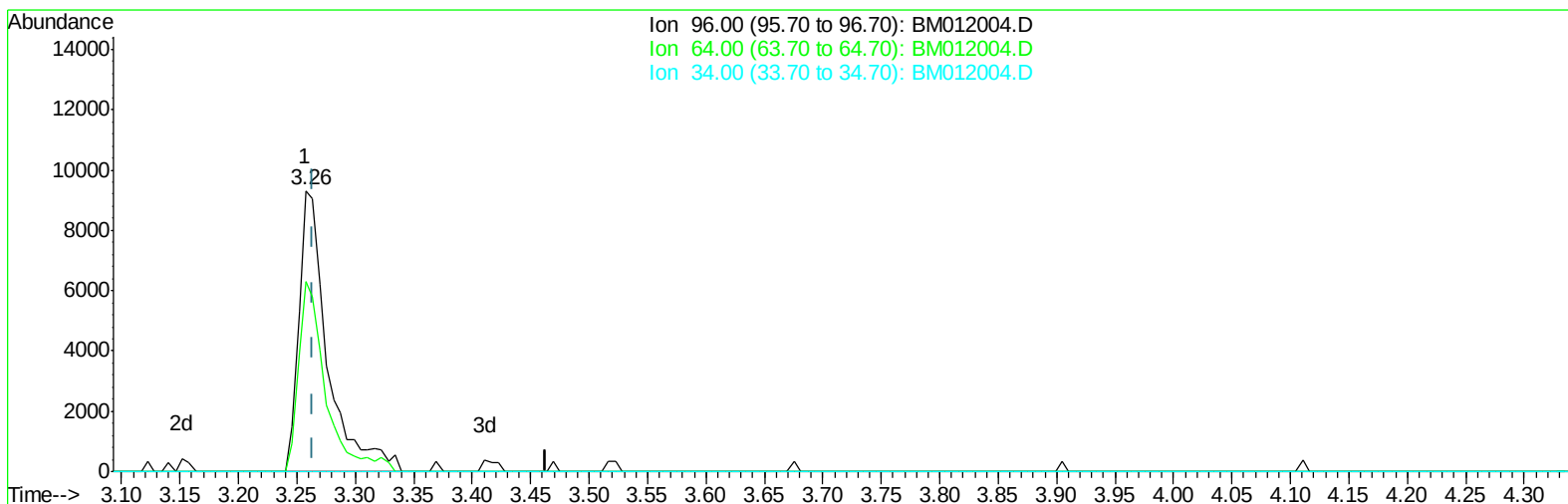
Data Path : Z:\HPCHEM1\BNA M\DATA\BM100817\
Data File : BM012004.D
Acq On : 09 Oct 2017 07:40
Operator : SJ/JU
Sample : I5522-20
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC6

Manual Integrations
APPROVED

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10/9/2017 6:41:43 PM

Quant Time: Oct 09 08:48:13 2017
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TIC: BM012004.D

(3) 1,4-Dioxane-d8 (S)

3.258min (-0.006) 5.81ng/uL m

response 15914

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	62.38
34.00	0.00	0.00
0.00	0.00	0.00

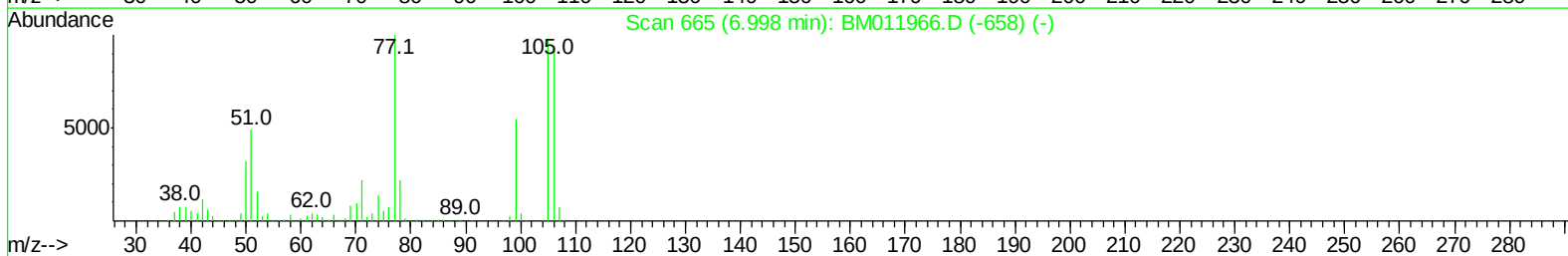
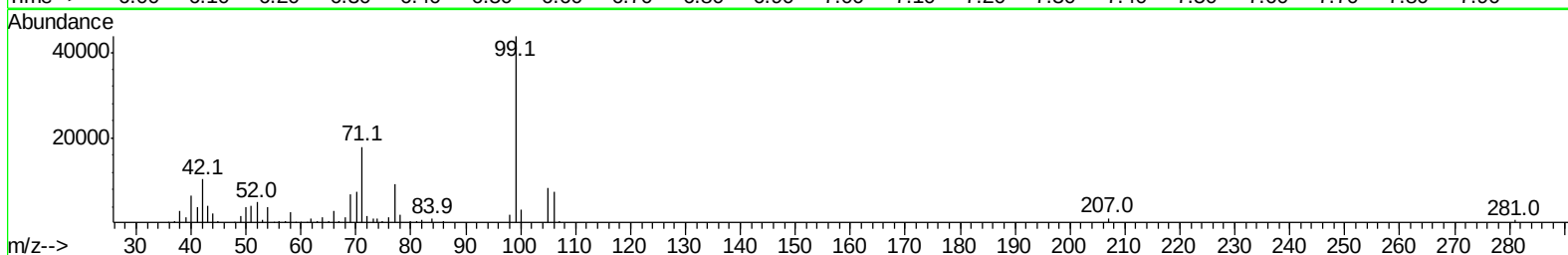
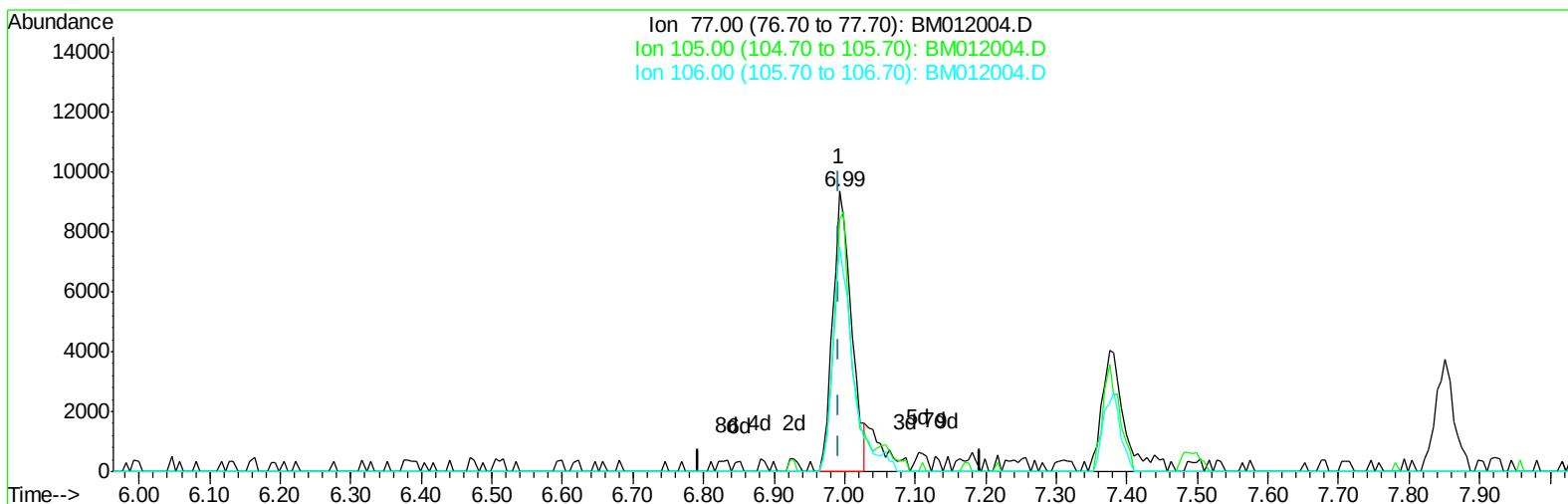
Data Path : Z:\HPCHEM1\BNA M\DATA\BM100817\
Data File : BM012004.D
Acq On : 09 Oct 2017 07:40
Operator : SJ/JU
Sample : I5522-20
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC6

Manual Integrations
APPROVED

Sohil
10/9/2017 6:41:43 PM

Quant Time: Oct 09 09:03:49 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 09 03:46:05 2017
Response via : Initial Calibration



TIC: BM012004.D

(4) Benzaldehyde

6.993min (+0.000) 3.12ng/ul

response 17346

Ion	Exp%	Act%
77.00	100	100
105.00	82.60	89.96
106.00	84.70	80.04
0.00	0.00	0.00

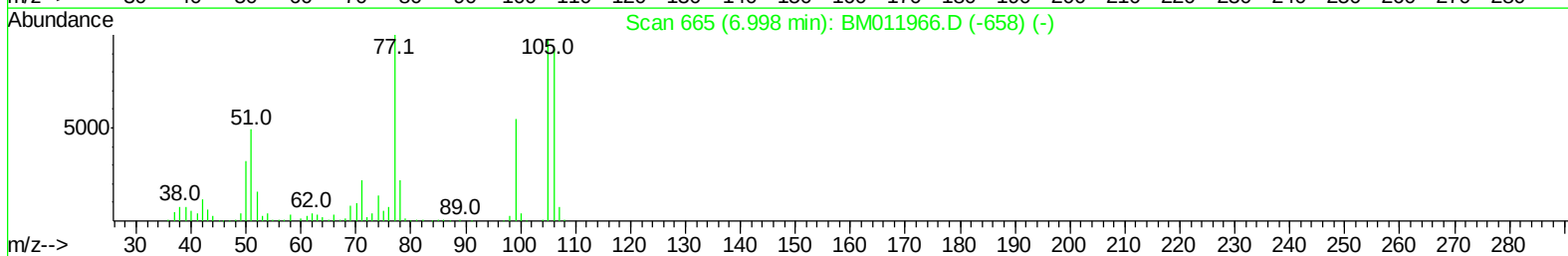
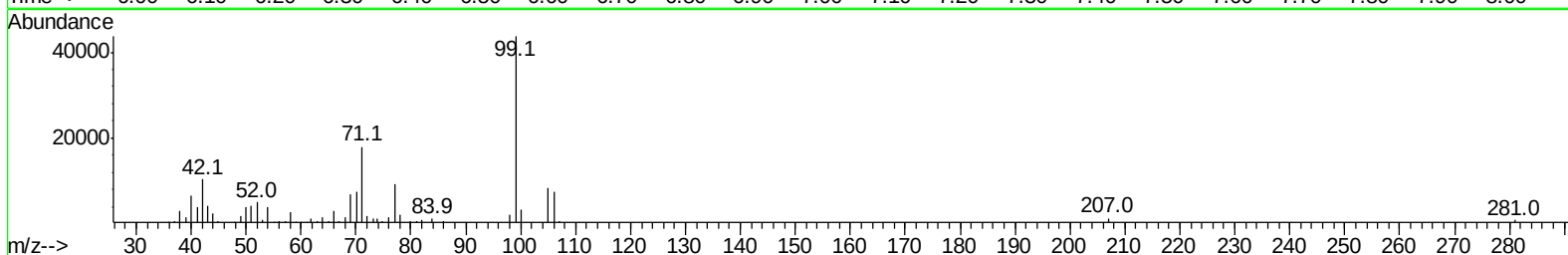
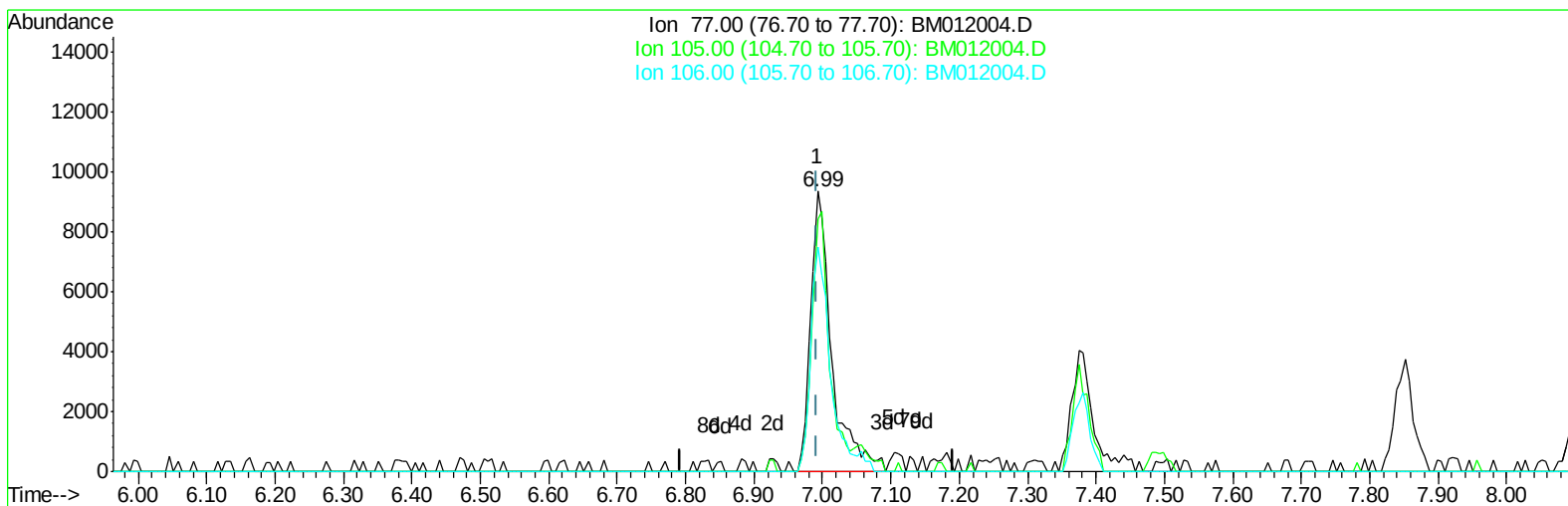
Data Path : Z:\HPCHEM1\BNA M\DATA\BM100817\
Data File : BM012004.D
Acq On : 09 Oct 2017 07:40
Operator : SJ/JU
Sample : I5522-20
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC6

Manual Integrations
APPROVED

Sohil
10/9/2017 6:41:43 PM

Quant Time: Oct 09 09:03:49 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 09 03:46:05 2017
Response via : Initial Calibration



TIC: BM012004.D

(4) Benzaldehyde

6.993min (+0.000) 3.61ng/ul m

response 20042

Ion	Exp%	Act%
77.00	100	100
105.00	82.60	89.96
106.00	84.70	80.04
0.00	0.00	0.00

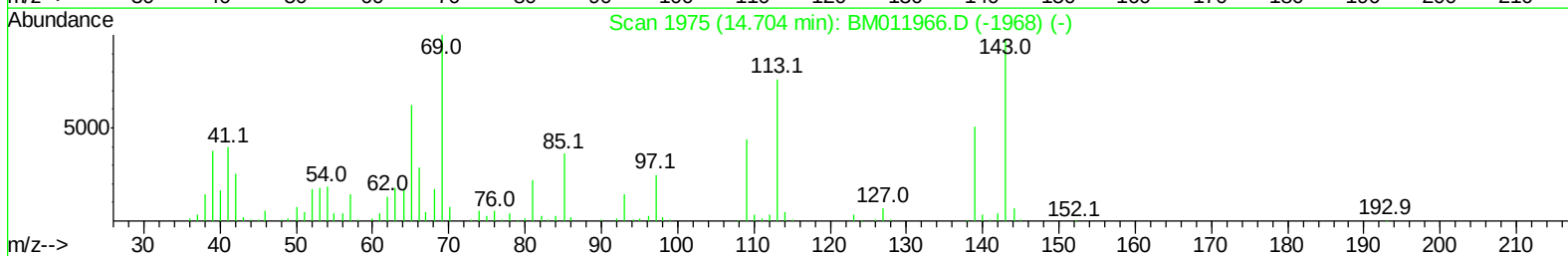
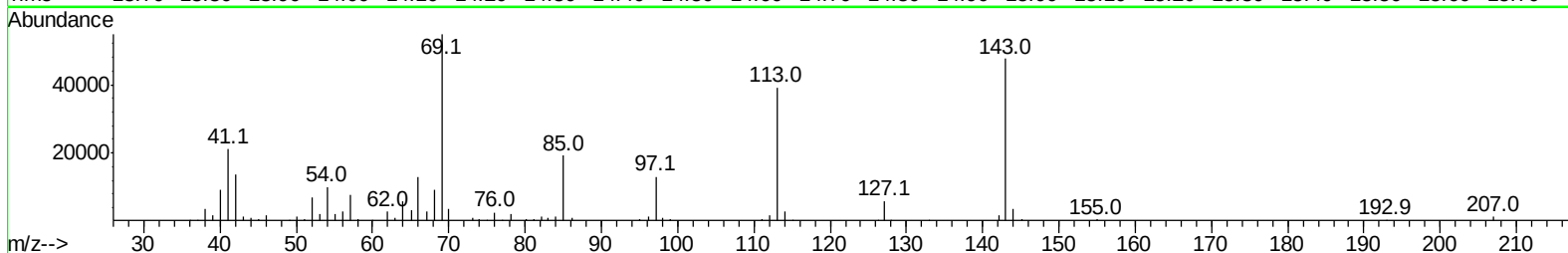
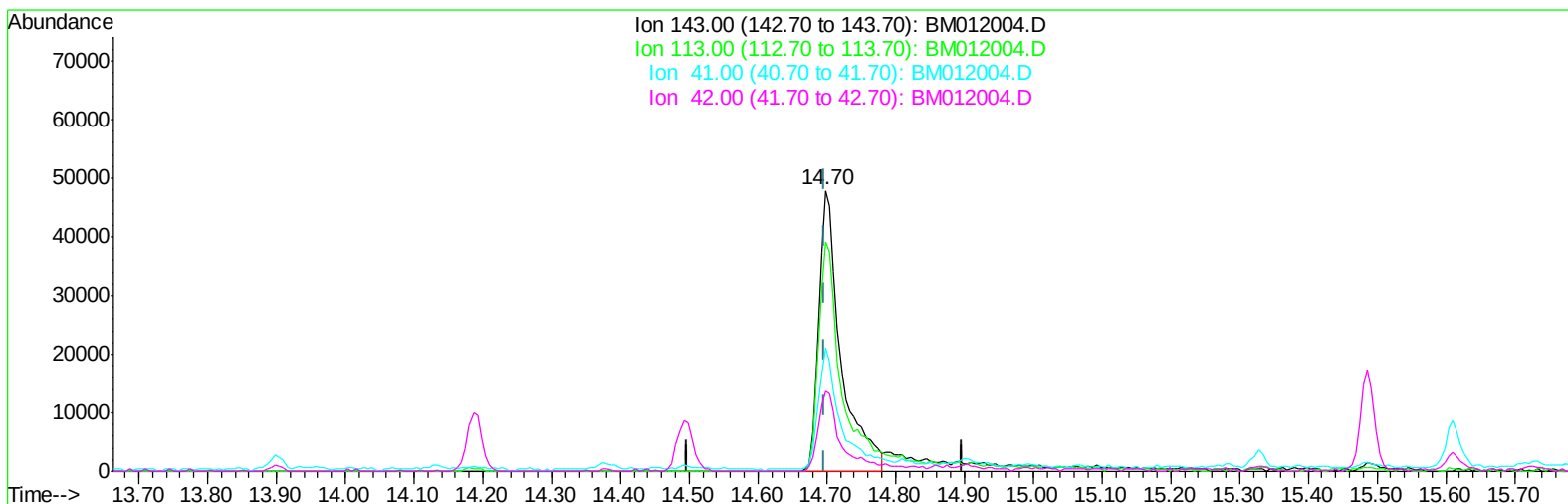
Data Path : Z:\HPCHEM1\BNA M\DATA\BM100817\
Data File : BM012004.D
Acq On : 09 Oct 2017 07:40
Operator : SJ/JU
Sample : I5522-20
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC6

Quant Time: Oct 09 09:03:49 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 09 03:46:05 2017
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
10/9/2017 6:41:43 PM



TIC: BM012004.D

(51) 4-Nitrophenol-d4 (S)

14.698min (+0.000) 17.60ng/ul

response 106894

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	82.03#
41.00	34.80	44.02#
42.00	20.50	28.72#

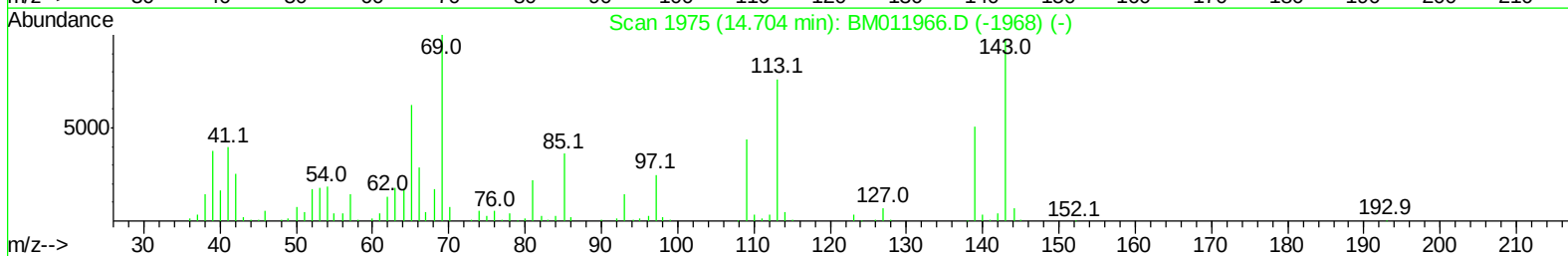
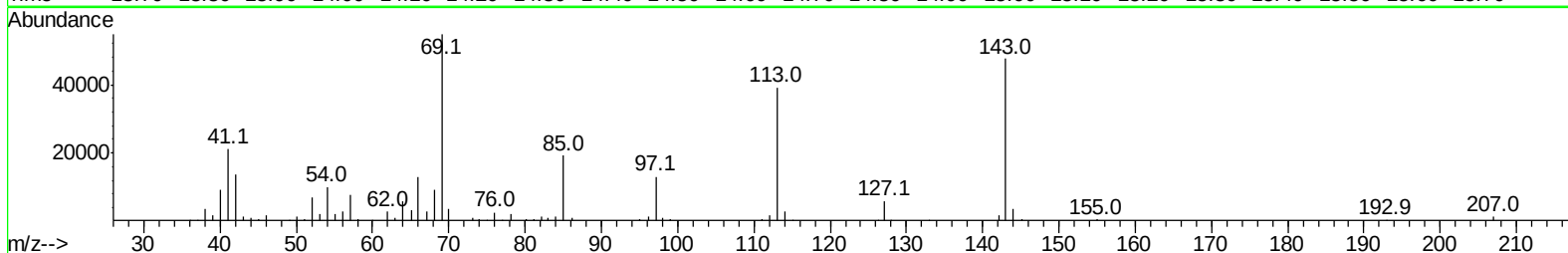
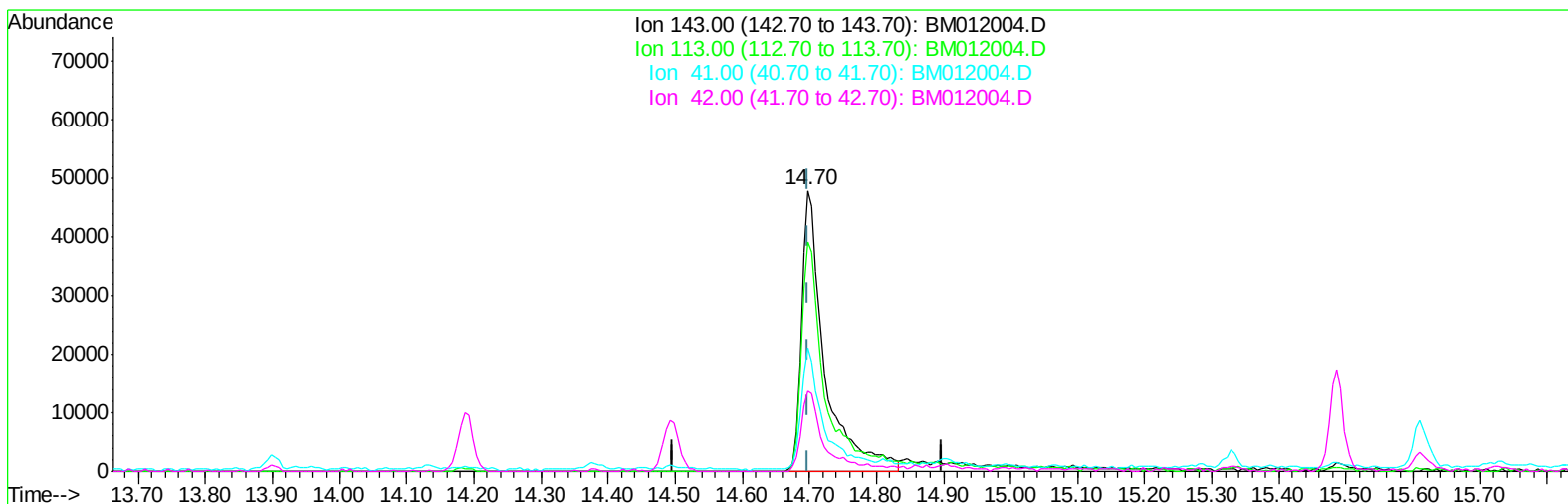
Data Path : Z:\HPCHEM1\BNA M\DATA\BM100817\
Data File : BM012004.D
Acq On : 09 Oct 2017 07:40
Operator : SJ/JU
Sample : I5522-20
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC6

Manual Integrations
APPROVED

Sohil
10/9/2017 6:41:43 PM

Quant Time: Oct 09 09:03:49 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 09 03:46:05 2017
Response via : Initial Calibration



TIC: BM012004.D

(51) 4-Nitrophenol-d4 (S)
14.698min (+0.000) 18.97ng/ul m
response 115217

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	82.03#
41.00	34.80	44.02#
42.00	20.50	28.72#

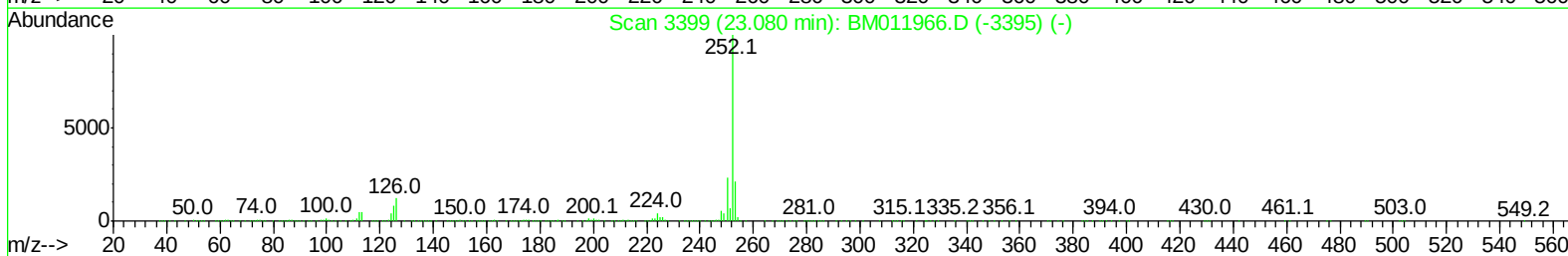
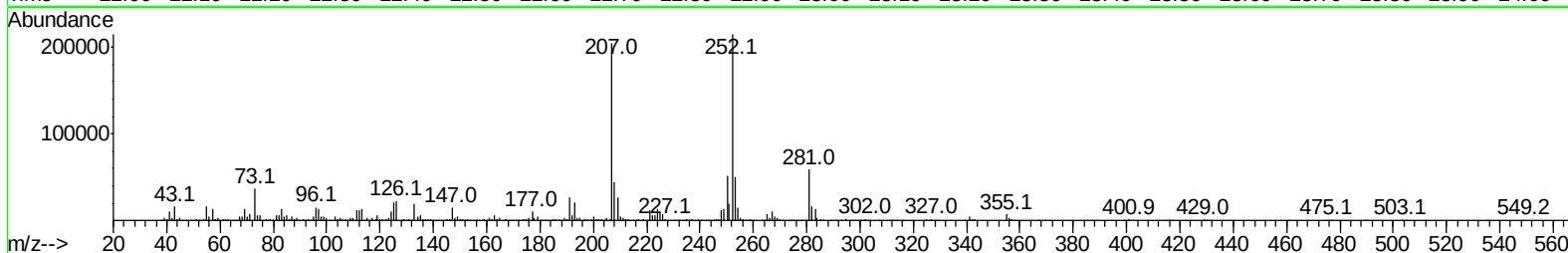
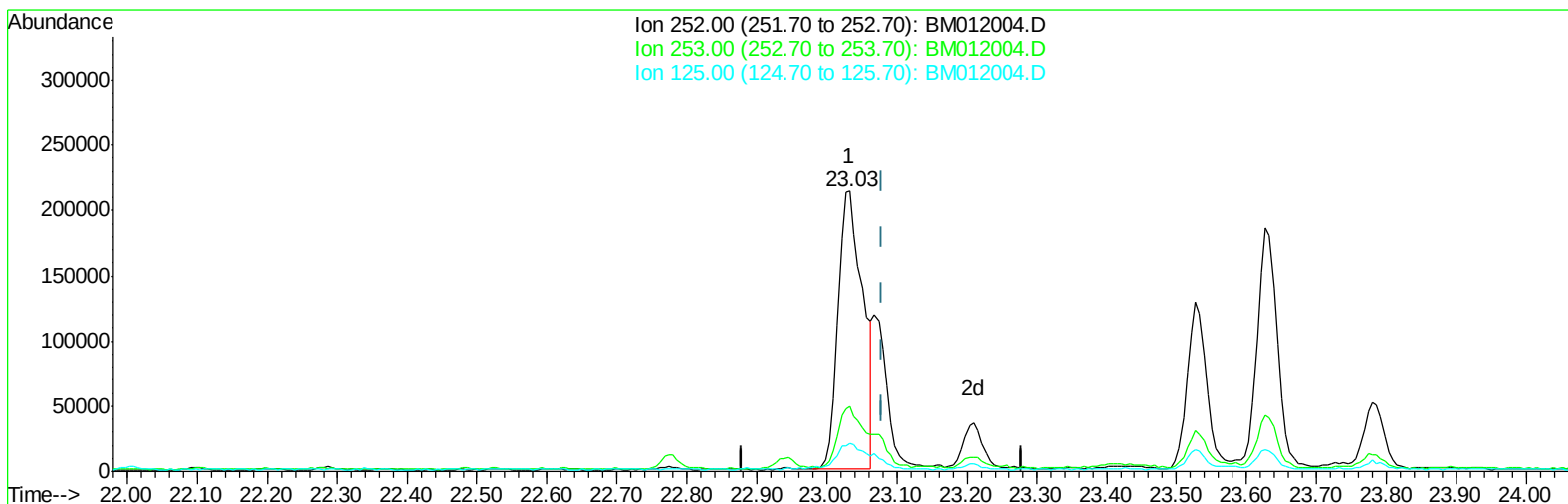
Data Path : Z:\HPCHEM1\BNA M\DATA\BM100817\
Data File : BM012004.D
Acq On : 09 Oct 2017 07:40
Operator : SJ/JU
Sample : I5522-20
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC6

Manual Integrations
APPROVED

Sohil
10/9/2017 6:41:43 PM

Quant Time: Oct 09 09:05:26 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 09 03:46:05 2017
Response via : Initial Calibration



TIC: BM012004.D

(86) Benzo(k)fluoranthene

23.033min (-0.047) 4.63ng/ul

response 531113

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.27
125.00	4.30	9.87#
0.00	0.00	0.00

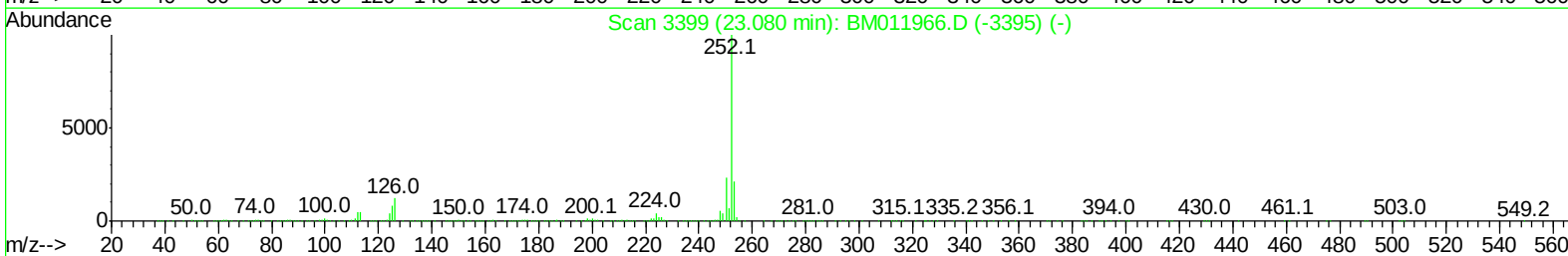
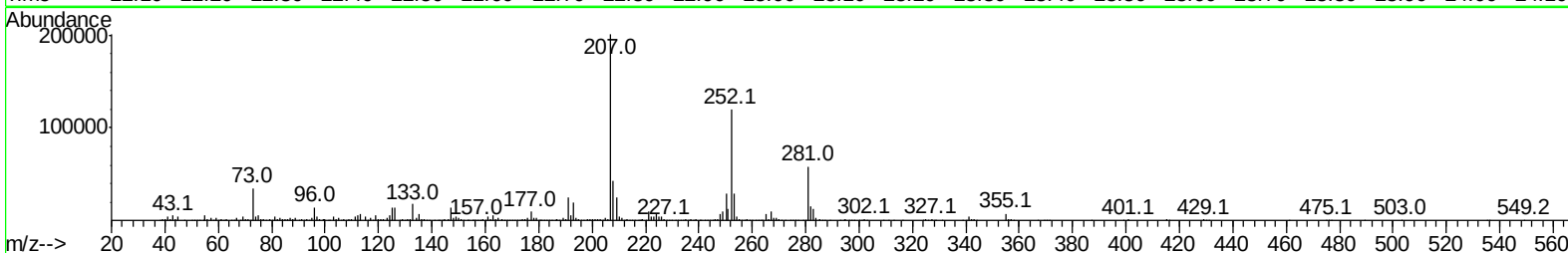
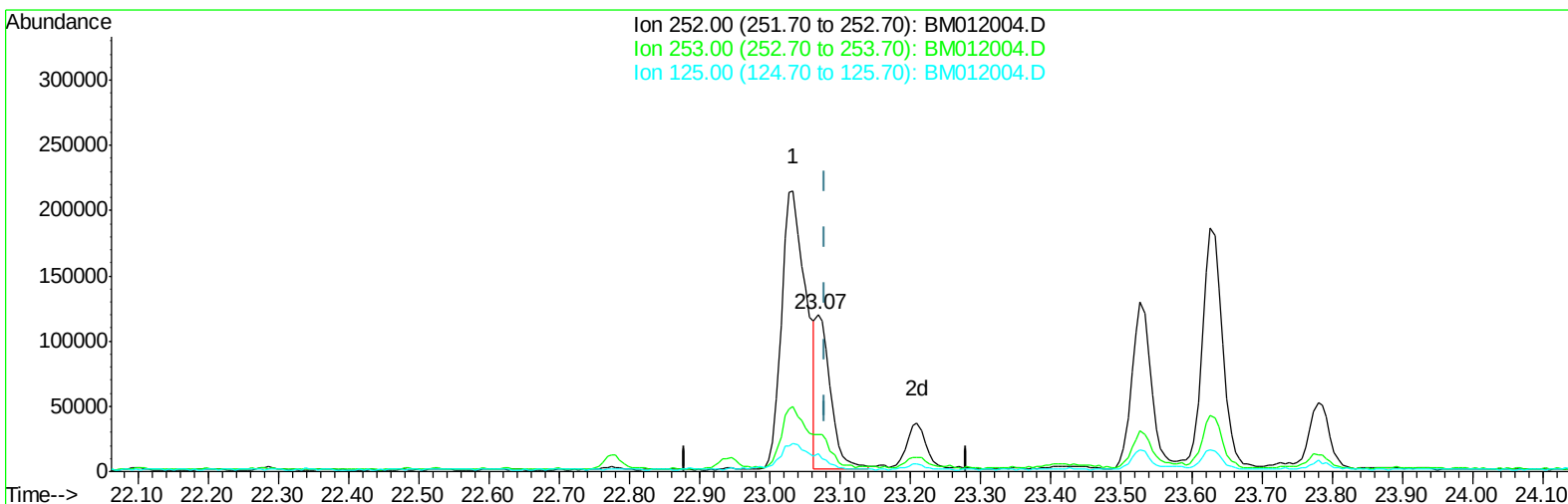
Data Path : Z:\HPCHEM1\BNA M\DATA\BM100817\
Data File : BM012004.D
Acq On : 09 Oct 2017 07:40
Operator : SJ/JU
Sample : I5522-20
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC6

Manual Integrations
APPROVED

Sohil
10/9/2017 6:41:43 PM

Quant Time: Oct 09 09:05:26 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 09 03:46:05 2017
Response via : Initial Calibration



TIC: BM012004.D

(86) Benzo(k)fluoranthene

23.068min (-0.011) 1.46ng/ul m

response 167179

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.75
125.00	4.30	11.76#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100817\
 Data File : BM012004.D
 Acq On : 09 Oct 2017 07:40
 Operator : SJ/JU
 Sample : I5522-20
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC6

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:41:43 PM

Quant Time: Oct 09 09:06:54 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 09 03:46:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	129530	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	597074	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	401042	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	1049819	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	1568376	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	1889614	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	15914m	5.81	ng/uL	0.00
5) Phenol-d5	7.01	99	280553	25.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	183480	27.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.38	132	253236	28.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	233753	24.26	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	119027	27.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	139443	29.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	273155	28.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	208494	19.74	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	1045525	30.08	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	1196443	29.29	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	115217m	18.97	ng/ul	0.00
57) Fluorene-d10	15.49	176	904421	29.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	146220	20.70	ng/ul	0.00
70) Anthracene-d10	17.34	188	1542907	29.83	ng/ul	0.00
76) Pyrene-d10	19.63	212	2131045	30.12	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	2830478	31.14	ng/ul	0.00

Target Compounds

				Ovalue	
4) Benzaldehyde	6.99	77	20042m	3.609	ng/ul
6) Phenol	7.04	94	16398	1.487	ng/ul 95
44) Dimethylphthalate	13.95	163	378281	11.313	ng/ul 98
69) Phenanthrene	17.28	178	231666	4.012	ng/ul 99
73) Di-n-butylphthalate	18.19	149	237119	3.888	ng/ul 98
74) Fluoranthene	19.29	202	633070	8.985	ng/ul# 90
77) Pyrene	19.66	202	546719	6.287	ng/ul# 89
80) Benzo(a)anthracene	21.40	228	353594	3.935	ng/ul 99
82) Chrysene	21.45	228	332998	3.901	ng/ul 95
85) Benzo(b)fluoranthene	23.03	252	531113	4.624	ng/ul# 96
86) Benzo(k)fluoranthene	23.07	252	167179m	1.458	ng/ul
88) Benzo(a)pyrene	23.63	252	357936	3.243	ng/ul# 97
89) Indeno(1,2,3-cd)pyrene	26.10	276	259685	2.199	ng/ul# 94
91) Benzo(g,h,i)perylene	26.83	276	213223	2.183	ng/ul# 92

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

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Operator : SJ/JU
Sample : I5522-20
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
C0AC6

Manual Integrations
APPROVED

Sohil
10/9/2017 6:41:43 PM

Quant Time: Oct 09 09:06:54 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 09 03:46:05 2017
Response via : Initial Calibration

