

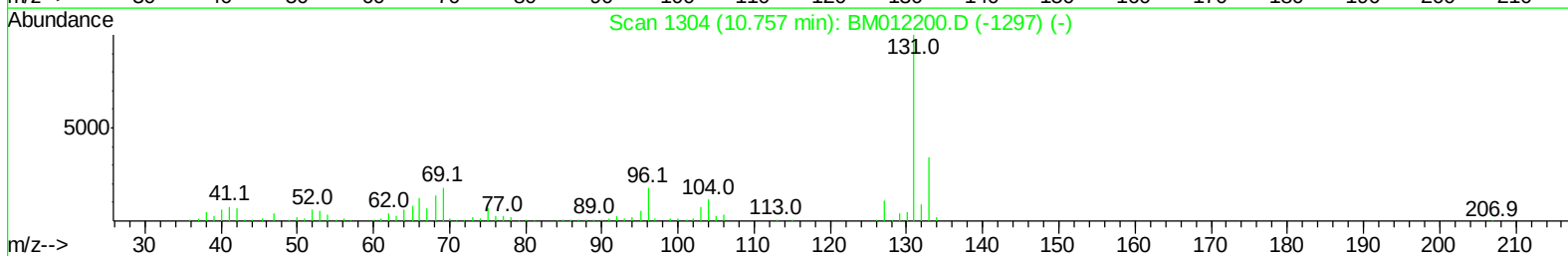
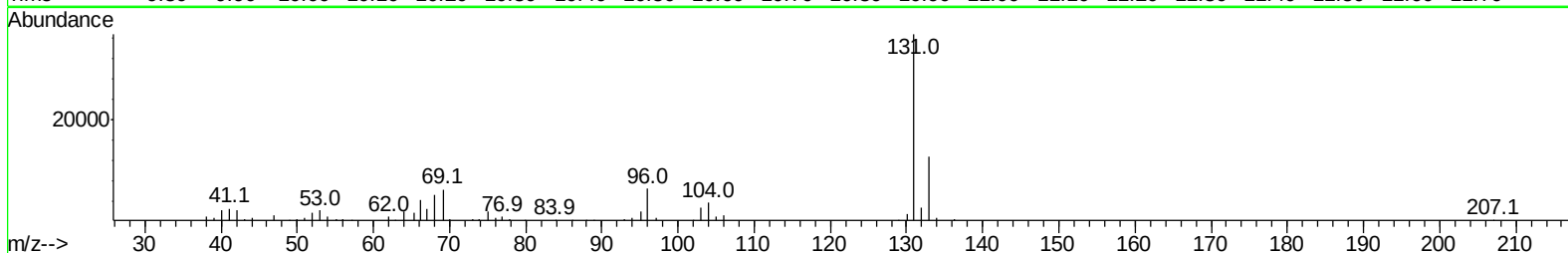
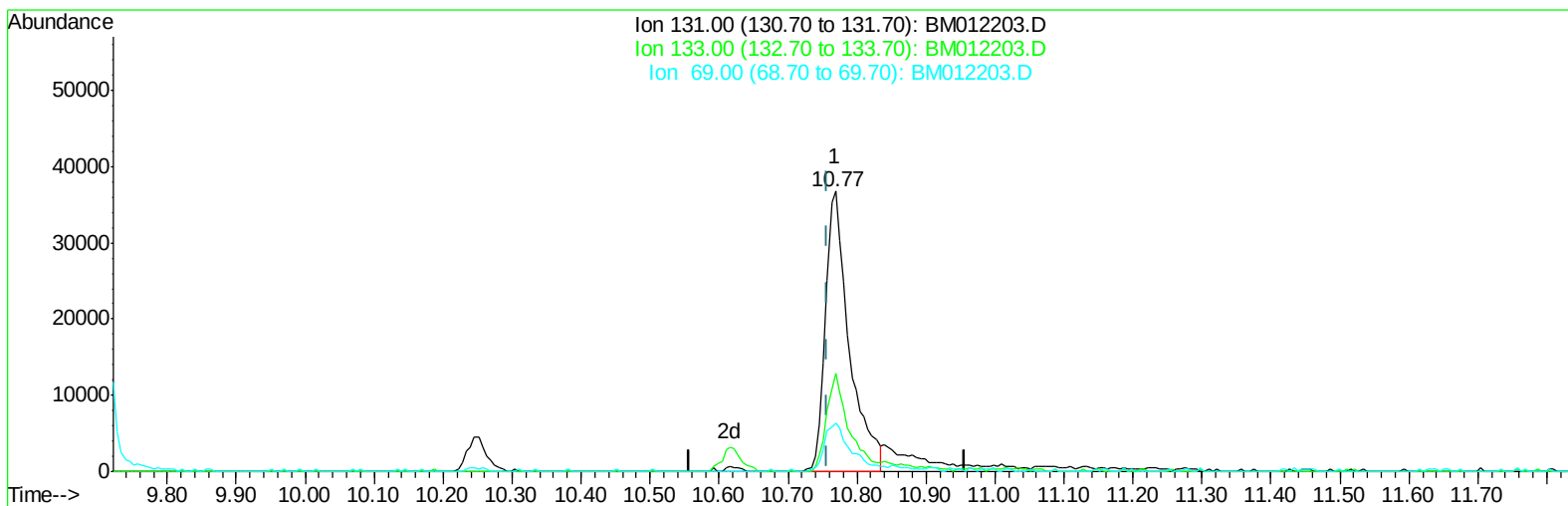
Data Path : Z:\HPCHEM1\BNA M\Data\BM101417\
Data File : BM012203.D
Acq On : 15 Oct 2017 11:35
Operator : SJ/JU
Sample : I5548-22
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AE8

Quant Time: Oct 16 02:02:09 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 16 01:56:01 2017
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
10/16/2017 7:48:49 PM



TIC: BM012203.D

(29) 4-Chloroaniline-d4 (S)
10.769min (+0.012) 7.28ng/ul
response 87912

Ion	Exp%	Act%
131.00	100	100
133.00	31.40	34.86
69.00	24.30	17.29#
0.00	0.00	0.00

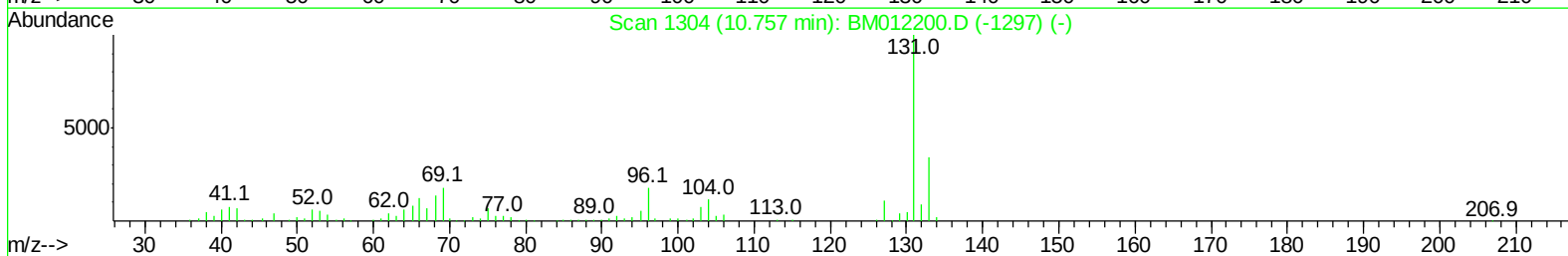
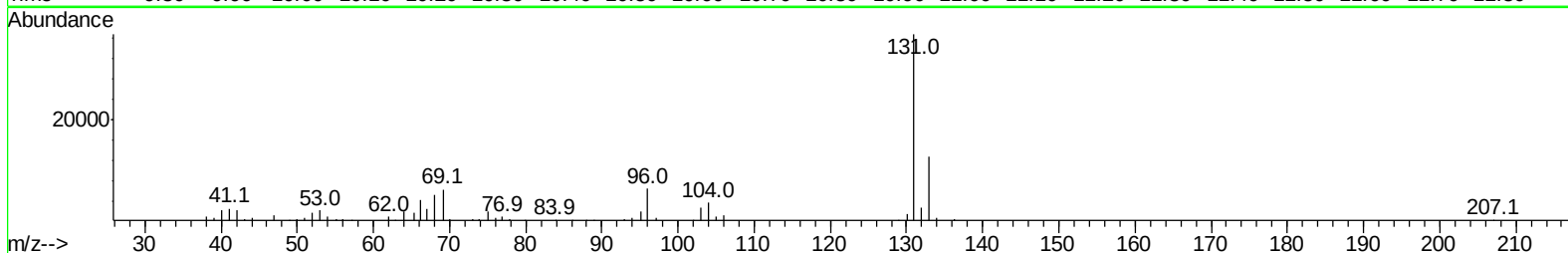
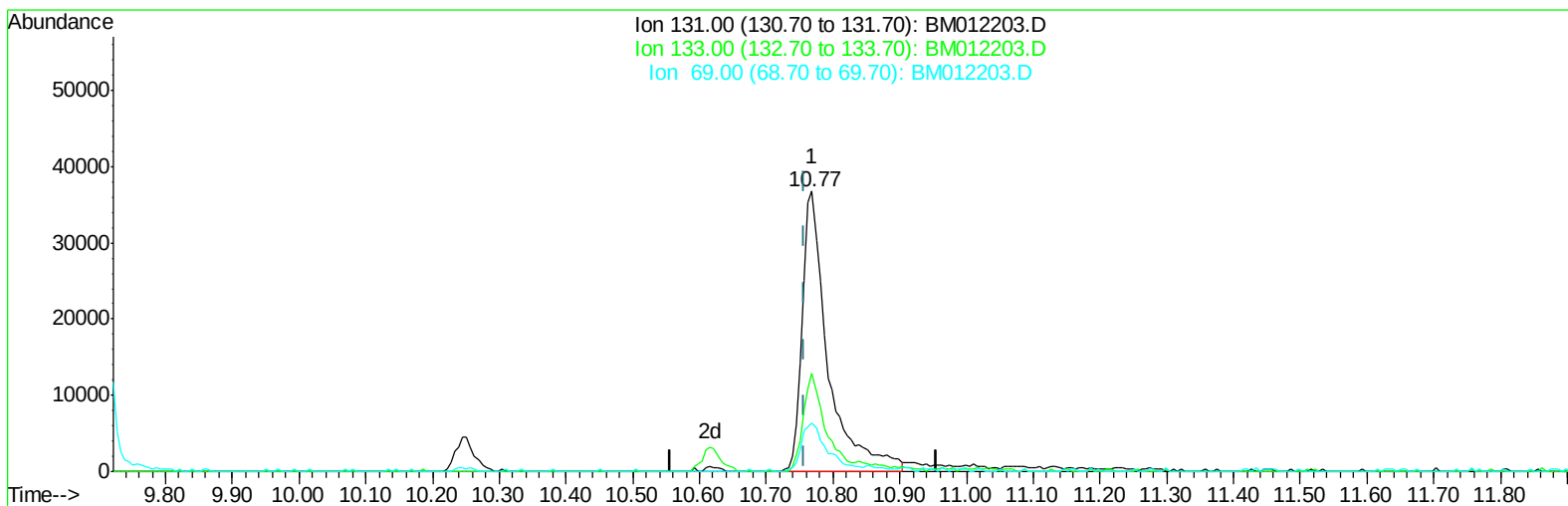
Data Path : Z:\HPCHEM1\BNA M\Data\BM101417\
Data File : BM012203.D
Acq On : 15 Oct 2017 11:35
Operator : SJ/JU
Sample : I5548-22
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AE8

Manual Integrations
APPROVED

Sohil
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Quant Time: Oct 16 02:02:09 2017
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TIC: BM012203.D

(29) 4-Chloroaniline-d4 (S)

10.769min (+0.012) 8.05ng/ul m

response 97211

Ion	Exp%	Act%
131.00	100	100
133.00	31.40	34.86
69.00	24.30	17.29#
0.00	0.00	0.00

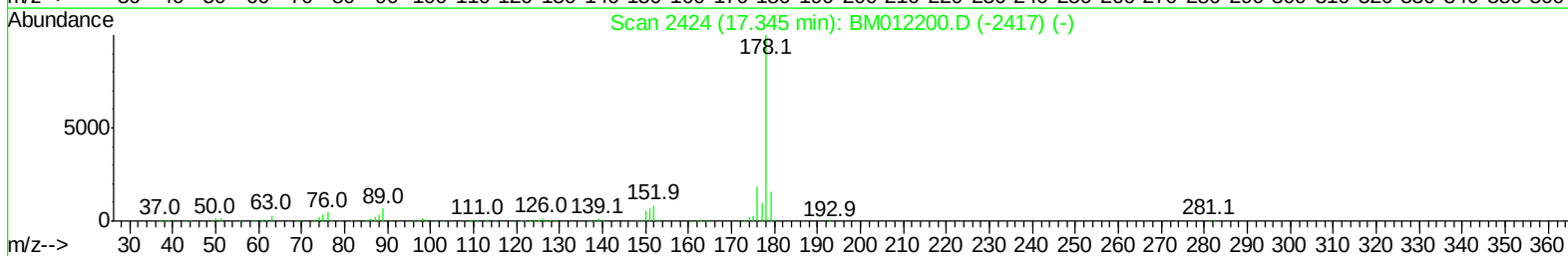
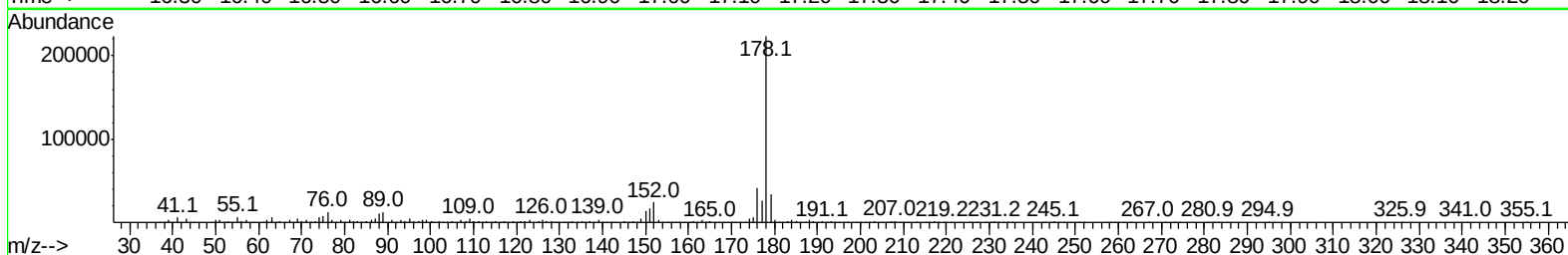
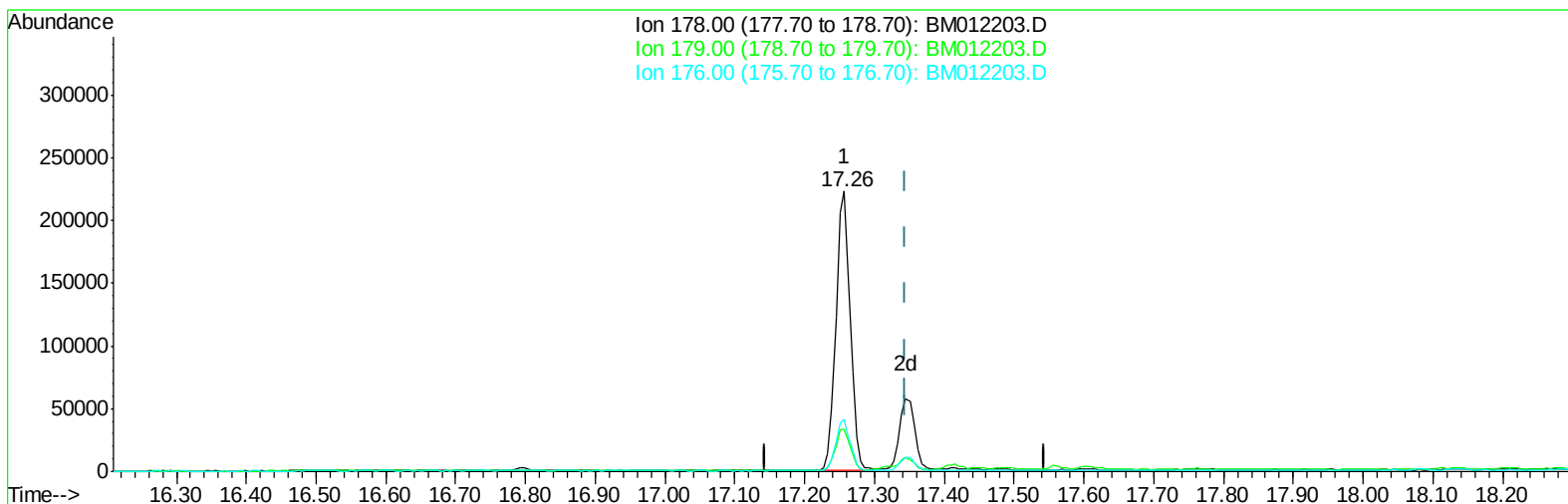
Data Path : Z:\HPCHEM1\BNA M\Data\BM101417\
Data File : BM012203.D
Acq On : 15 Oct 2017 11:35
Operator : SJ/JU
Sample : I5548-22
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AE8

Manual Integrations
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Sohil
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Quant Time: Oct 16 02:30:36 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 16 01:56:01 2017
Response via : Initial Calibration



TIC: BM012203.D

(71) Anthracene

17.257min (-0.088) 5.14ng/ul

response 315002

Ion	Exp%	Act%
178.00	100	100
179.00	14.60	14.99
176.00	18.20	18.53
0.00	0.00	0.00

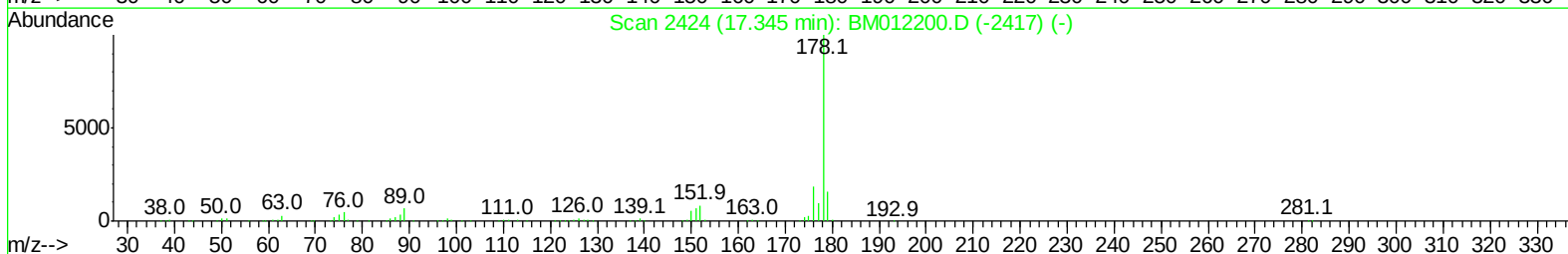
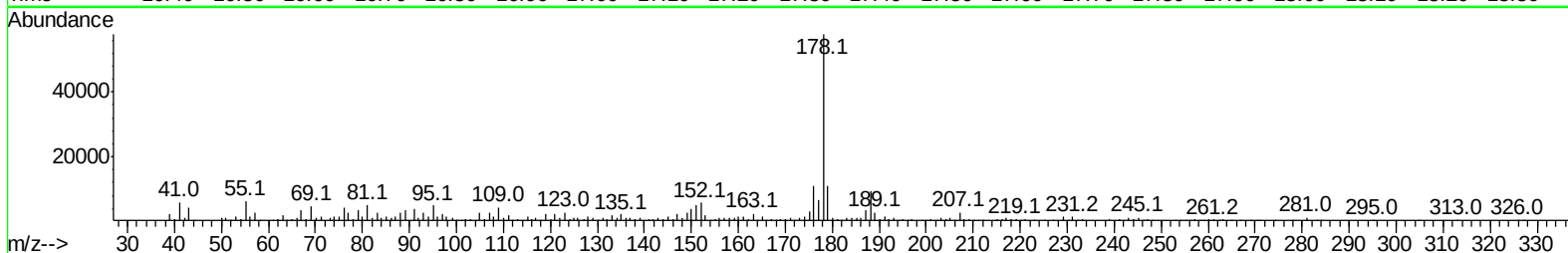
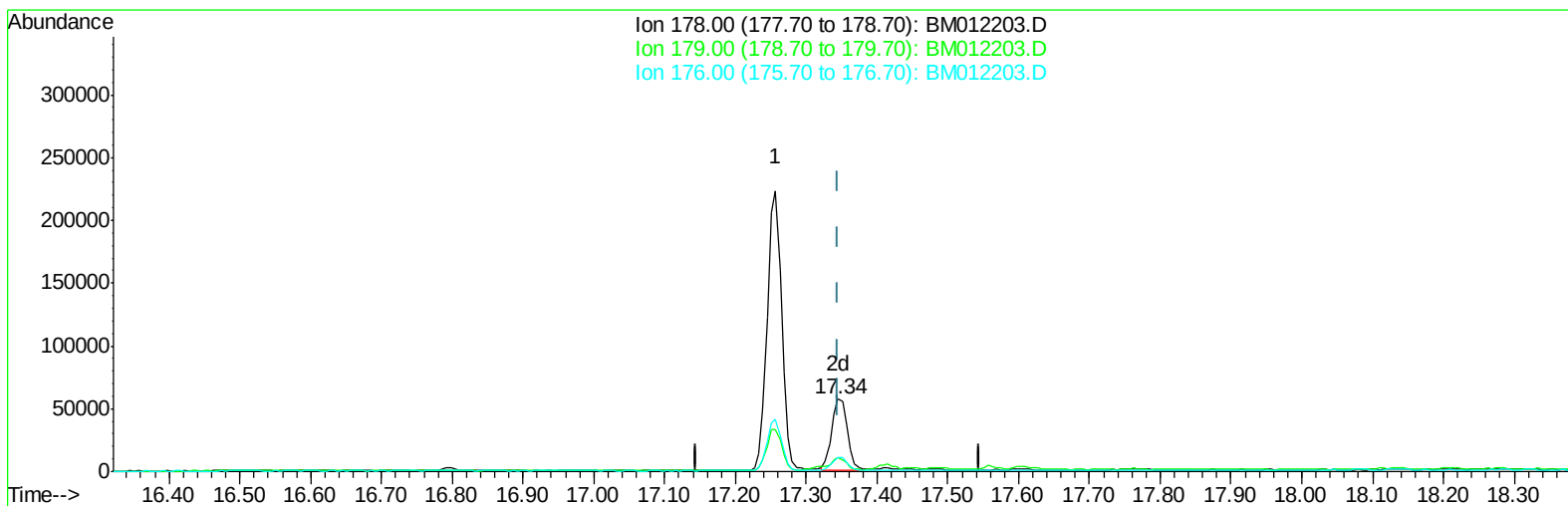
Data Path : Z:\HPCHEM1\BNA M\Data\BM101417\
Data File : BM012203.D
Acq On : 15 Oct 2017 11:35
Operator : SJ/JU
Sample : I5548-22
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AE8

Manual Integrations
APPROVED

Sohil
10/16/2017 7:48:49 PM

Quant Time: Oct 16 02:30:36 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
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TIC: BM012203.D

(71) Anthracene

17.345min (0.000) 1.39ng/ul m

response 85397

Ion	Exp%	Act%
178.00	100	100
179.00	14.60	18.93#
176.00	18.20	18.98
0.00	0.00	0.00

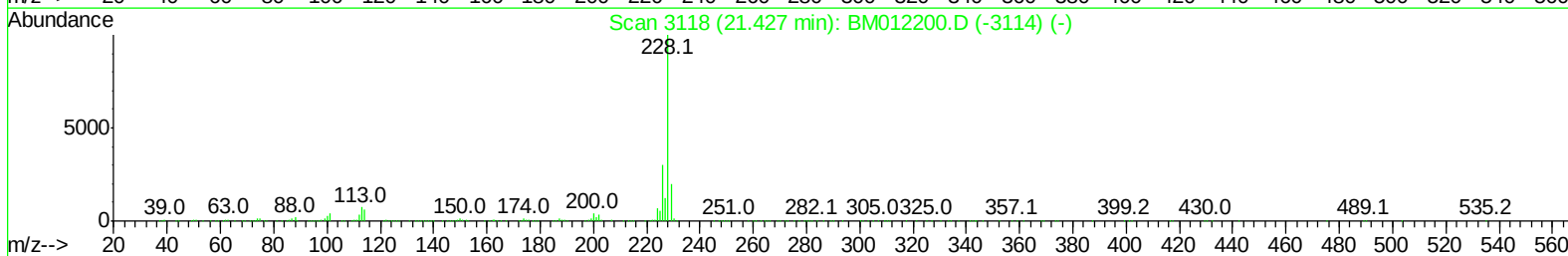
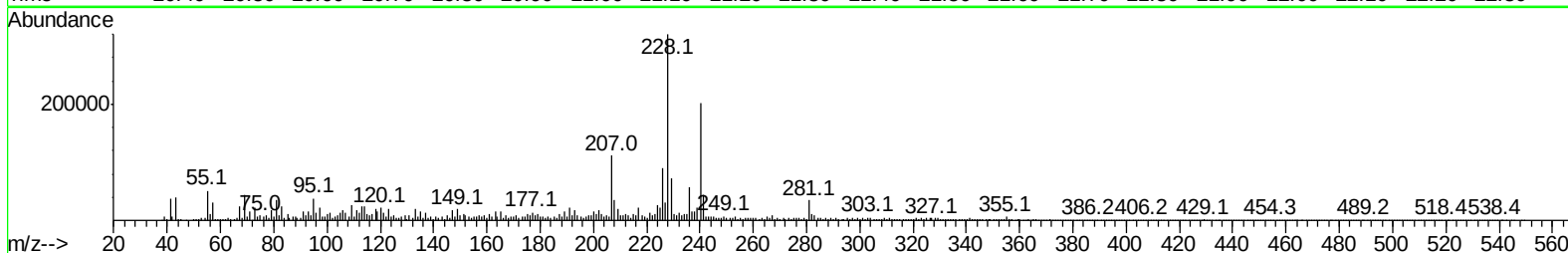
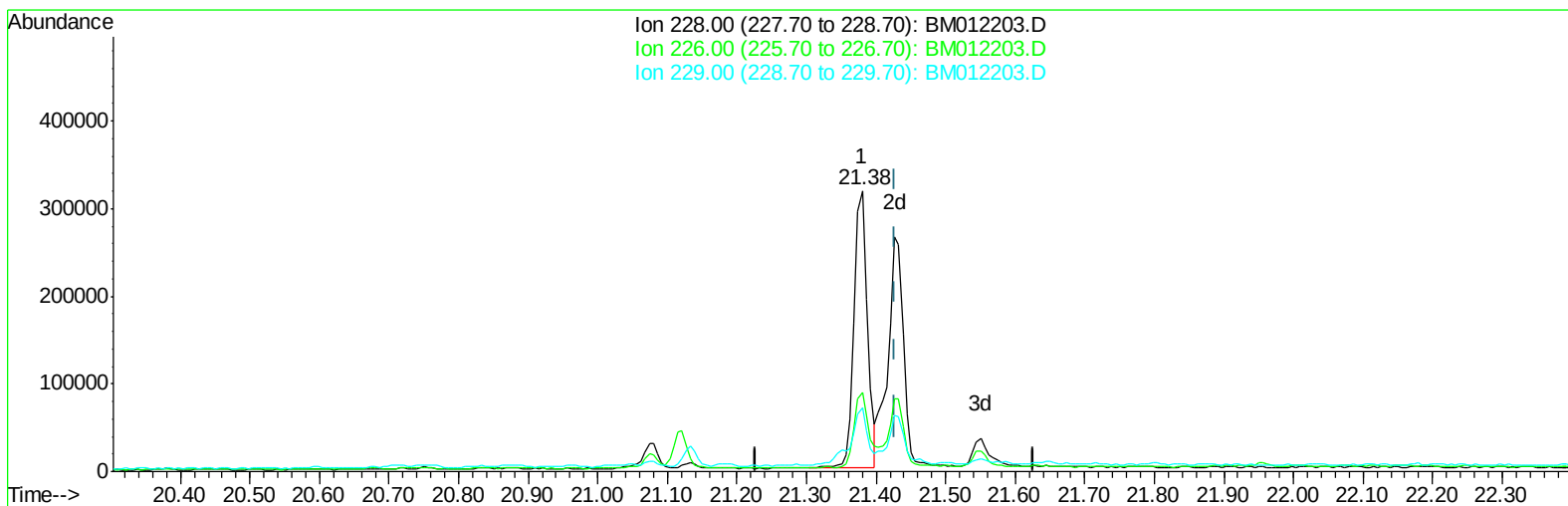
Data Path : Z:\HPCHEM1\BNA M\Data\BM101417\
Data File : BM012203.D
Acq On : 15 Oct 2017 11:35
Operator : SJ/JU
Sample : I5548-22
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AE8

Manual Integrations
APPROVED

Sohil
10/16/2017 7:48:49 PM

Quant Time: Oct 16 02:30:36 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration



TIC: BM012203.D

(82) Chrysene

21.380min (-0.047) 7.62ng/ul

response 422813

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	28.42
229.00	19.40	22.69
0.00	0.00	0.00

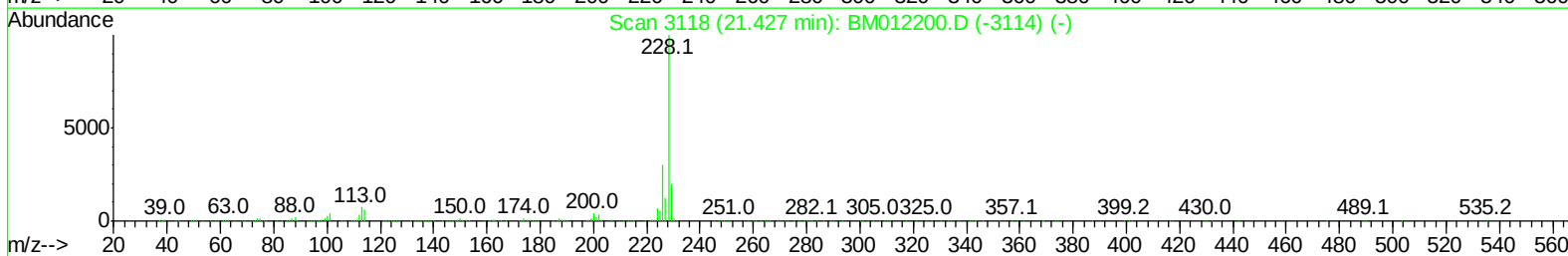
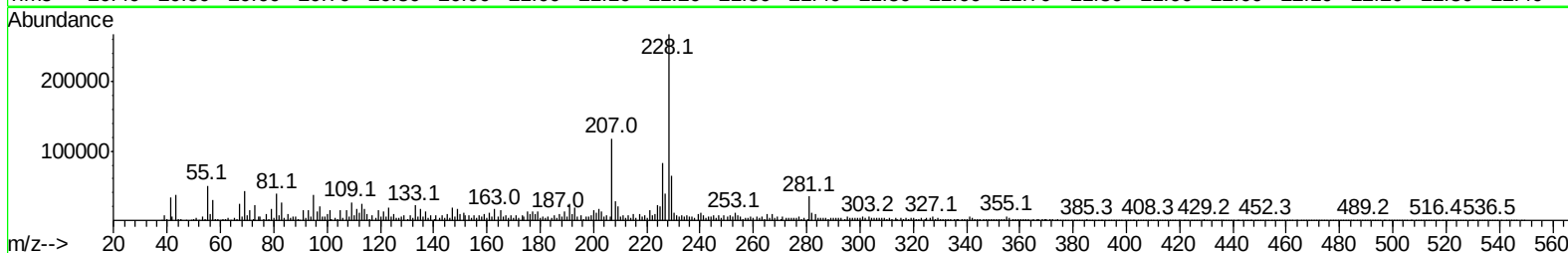
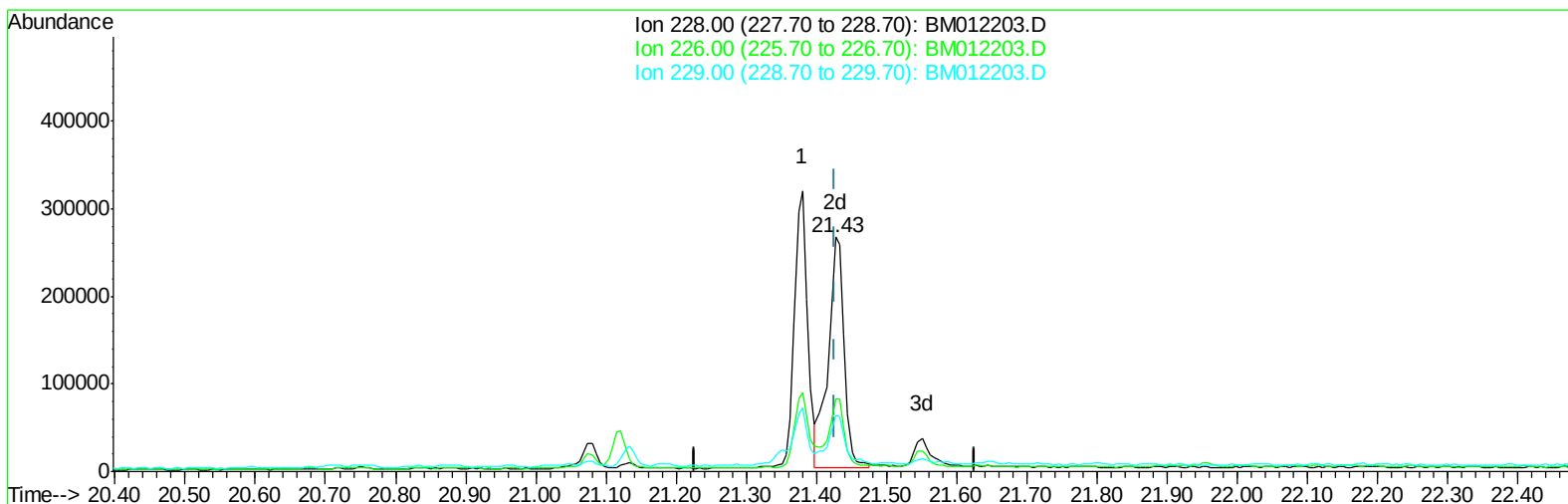
Data Path : Z:\HPCHEM1\BNA M\Data\BM101417\
Data File : BM012203.D
Acq On : 15 Oct 2017 11:35
Operator : SJ/JU
Sample : I5548-22
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AE8

Quant Time: Oct 16 02:30:36 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 16 01:56:01 2017
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
10/16/2017 7:48:49 PM



TIC: BM012203.D

(82) Chrysene

21.427min (+0.000) 7.51ng/ul m

response 416410

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	31.16
229.00	19.40	23.77#
0.00	0.00	0.00

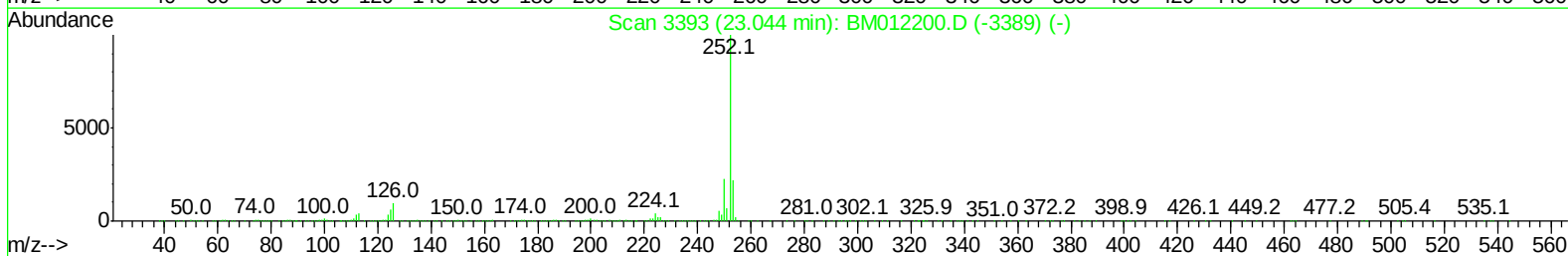
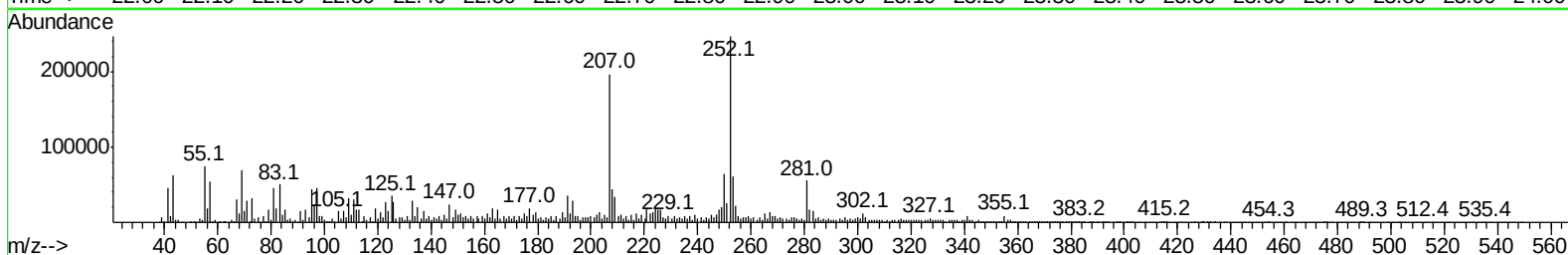
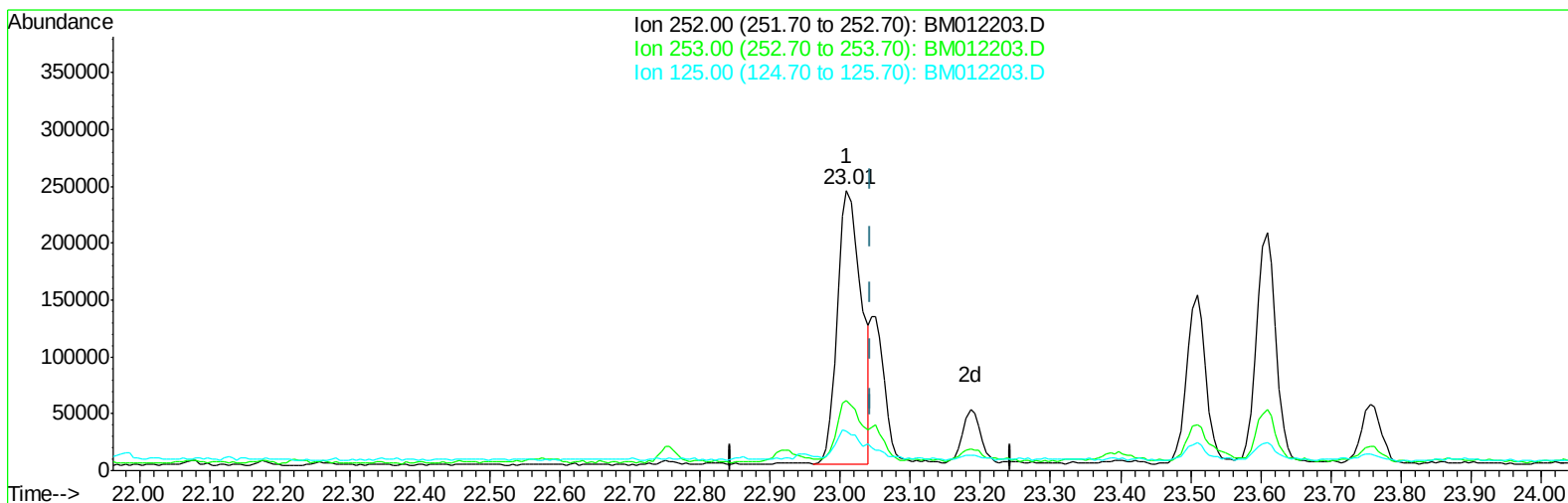
Data Path : Z:\HPCHEM1\BNA M\Data\BM101417\
Data File : BM012203.D
Acq On : 15 Oct 2017 11:35
Operator : SJ/JU
Sample : I5548-22
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AE8

Quant Time: Oct 16 02:30:36 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 16 01:56:01 2017
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
10/16/2017 7:48:49 PM



TIC: BM012203.D

(86) Benzo(k)fluoranthene

23.009min (-0.035) 10.15ng/ul

response 564997

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	25.04
125.00	4.30	14.23#
0.00	0.00	0.00

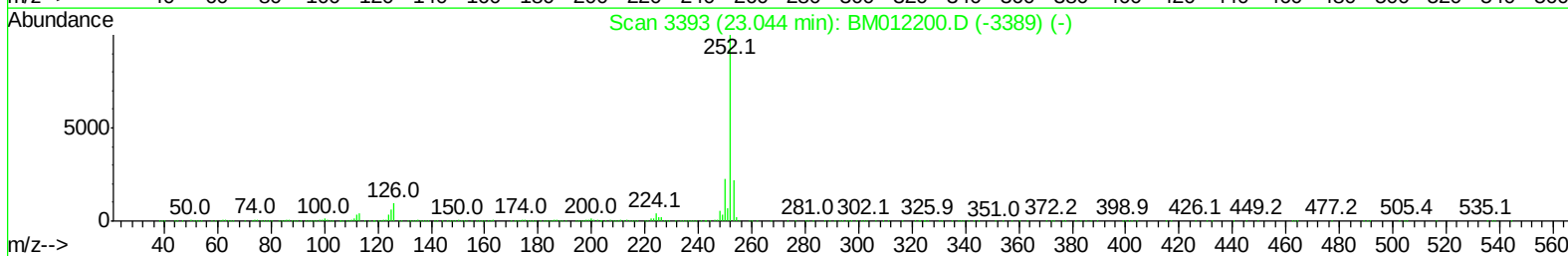
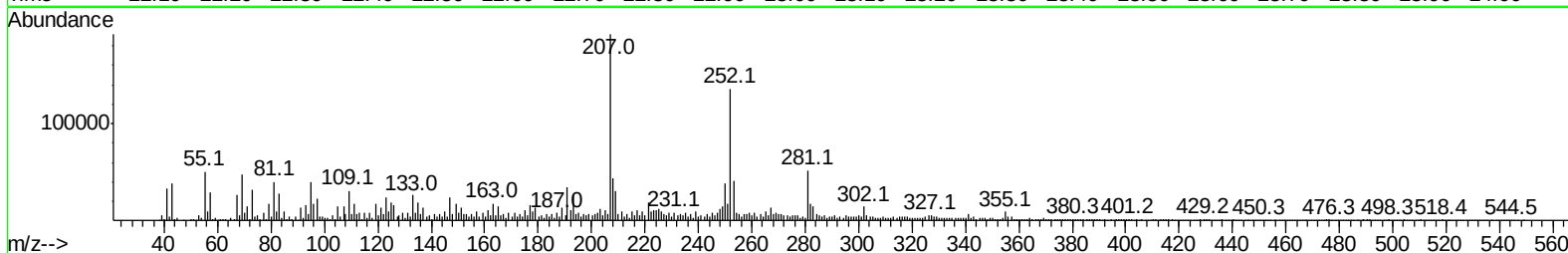
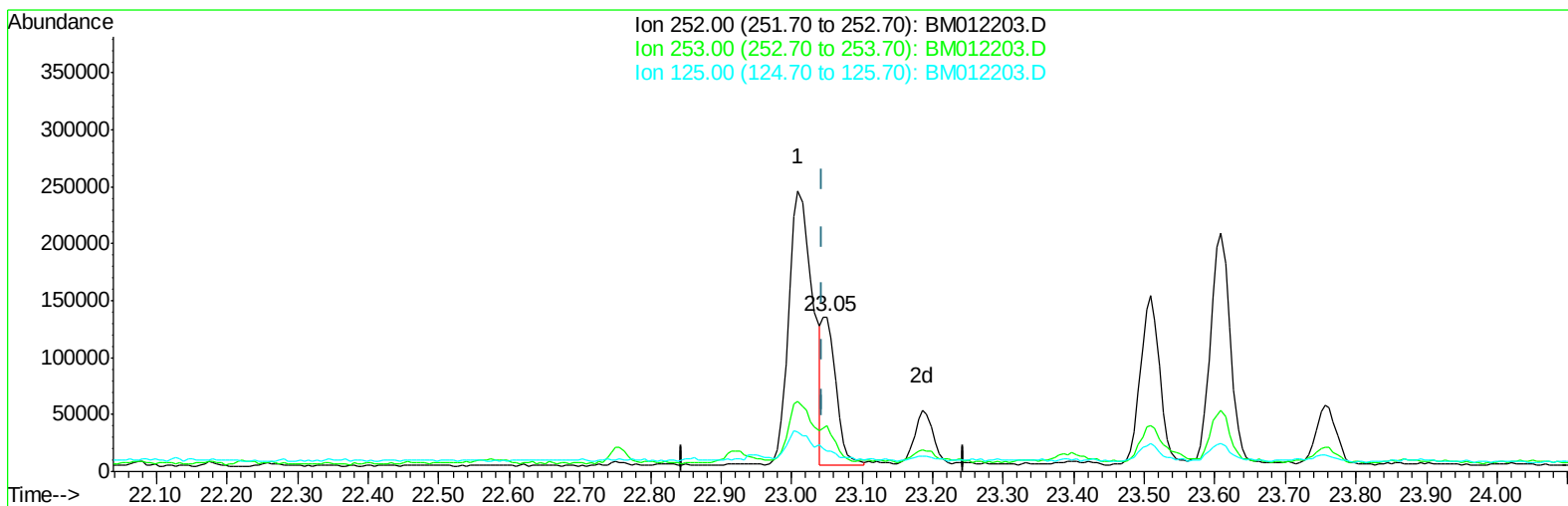
Data Path : Z:\HPCHEM1\BNA M\Data\BM101417\
Data File : BM012203.D
Acq On : 15 Oct 2017 11:35
Operator : SJ/JU
Sample : I5548-22
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AE8

Quant Time: Oct 16 02:30:36 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 16 01:56:01 2017
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
10/16/2017 7:48:49 PM



TIC: BM012203.D

(86) Benzo(k)fluoranthene

23.050min (+0.006) 3.33ng/ul m

response 185064

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	30.03#
125.00	4.30	13.34#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\Data\BM101417\
 Data File : BM012203.D
 Acq On : 15 Oct 2017 11:35
 Operator : SJ/JU
 Sample : I5548-22
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AE8

Manual Integrations
 APPROVED

Sohil
 10/16/2017 7:48:49 PM

Quant Time: Oct 16 02:33:18 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 16 01:56:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	176687	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	757459	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	468423	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	1040709	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	907908	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	884753	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	11105	2.99	ng/uL	0.00
5) Phenol-d5	6.99	99	246368	17.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	140829	16.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	231437	19.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	203863	16.52	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	111870	19.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	126003	18.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	254113	19.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	97211m	8.05	ng/ul	0.01
43) Dimethylphthalate-d6	13.87	166	856086	20.68	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	1043669	20.83	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	79177	12.72	ng/ul	0.00
57) Fluorene-d10	15.46	176	732576	21.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	29770	4.17	ng/ul	0.01
70) Anthracene-d10	17.31	188	1093642	21.25	ng/ul	0.00
76) Pyrene-d10	19.61	212	1068675	23.19	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	899753	21.09	ng/ul	0.01

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.92	163	302848	7.301	ng/ul	99
69) Phenanthrene	17.26	178	315002	5.321	ng/ul	99
71) Anthracene	17.34	178	85397m	1.393	ng/ul	
74) Fluoranthene	19.27	202	786085	11.002	ng/ul#	96
77) Pyrene	19.64	202	709076	11.826	ng/ul#	95
80) Benzo(a)anthracene	21.38	228	422813	7.157	ng/ul	95
81) Bis(2-ethylhexyl)phthalate	21.29	149	330406	8.250	ng/ul	99
82) Chrysene	21.43	228	416410m	7.508	ng/ul	
85) Benzo(b)fluoranthene	23.01	252	564997	9.786	ng/ul#	90
86) Benzo(k)fluoranthene	23.05	252	185064m	3.326	ng/ul	
88) Benzo(a)pyrene	23.61	252	391743	7.199	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	26.08	276	283527	4.906	ng/ul#	90
90) Dibenzo(a,h)anthracene	26.07	278	71523	1.472	ng/ul#	49
91) Benzo(g,h,i)perylene	26.81	276	290254	6.132	ng/ul#	88

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

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ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
C0AE8

Manual Integrations
APPROVED

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10/16/2017 7:48:49 PM

Quant Time: Oct 16 02:33:18 2017
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