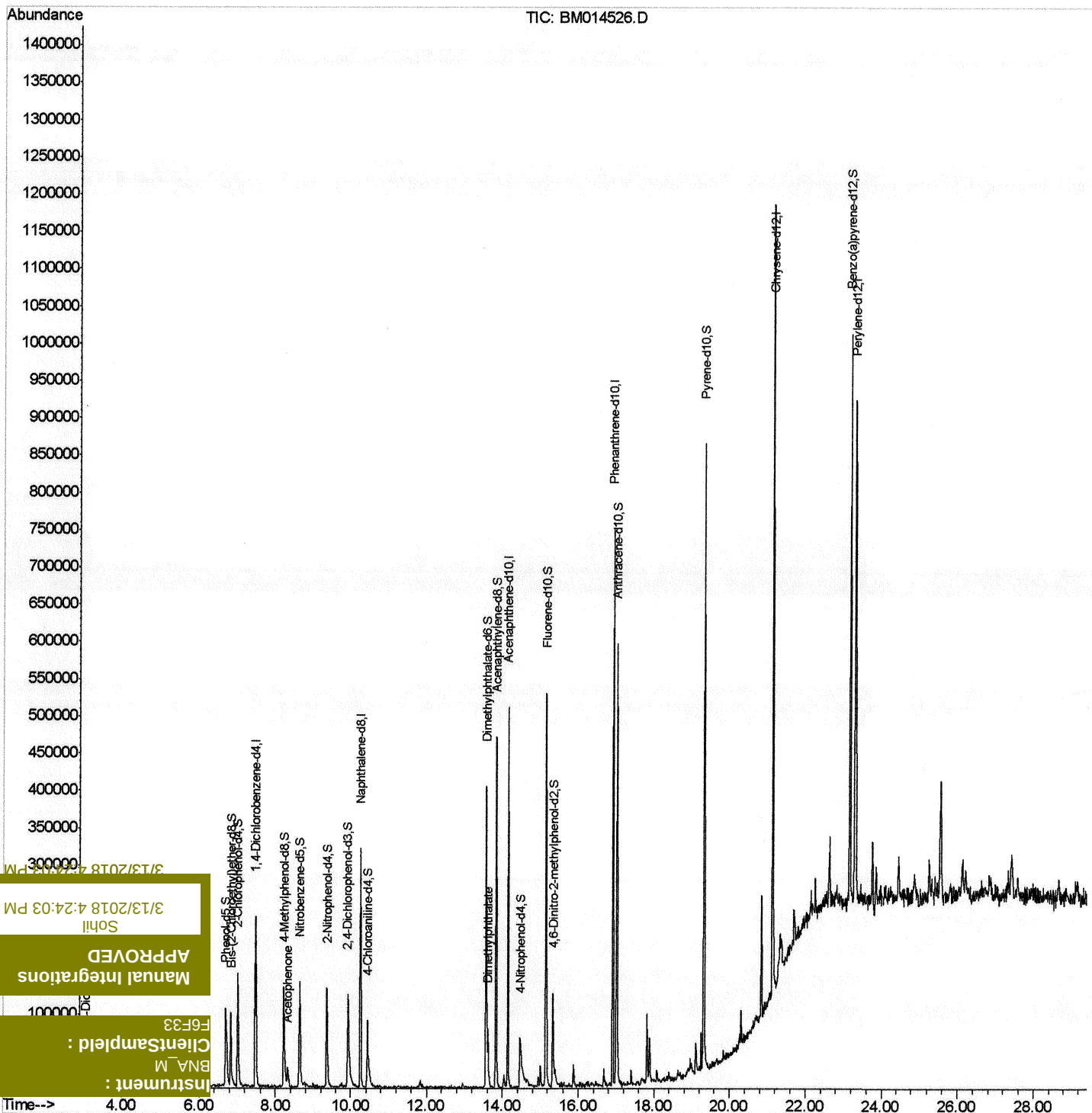


Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM031218\
 Data File : BM014526.D
 Acq On : 12 Mar 2018 20:22
 Operator : SJ/JU
 Sample : J1813-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

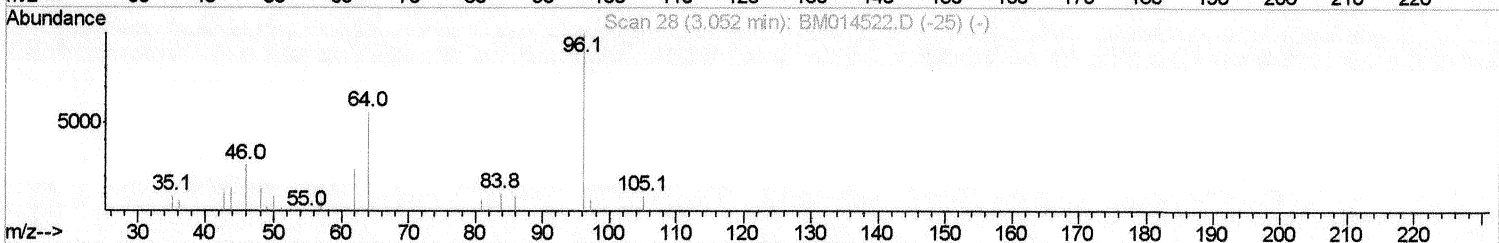
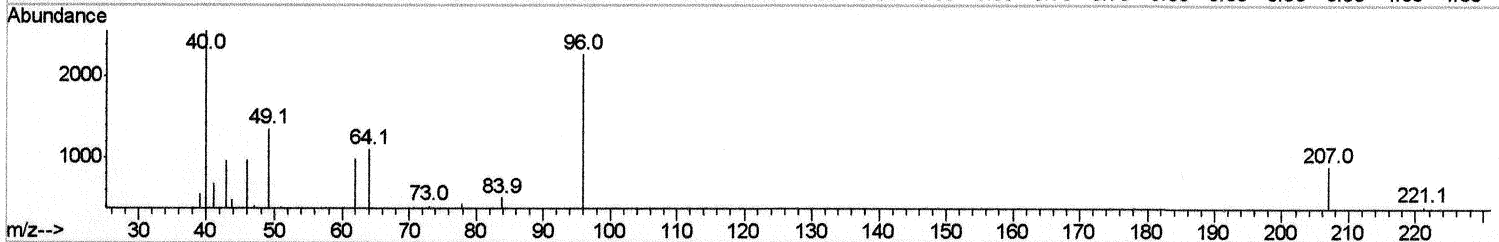
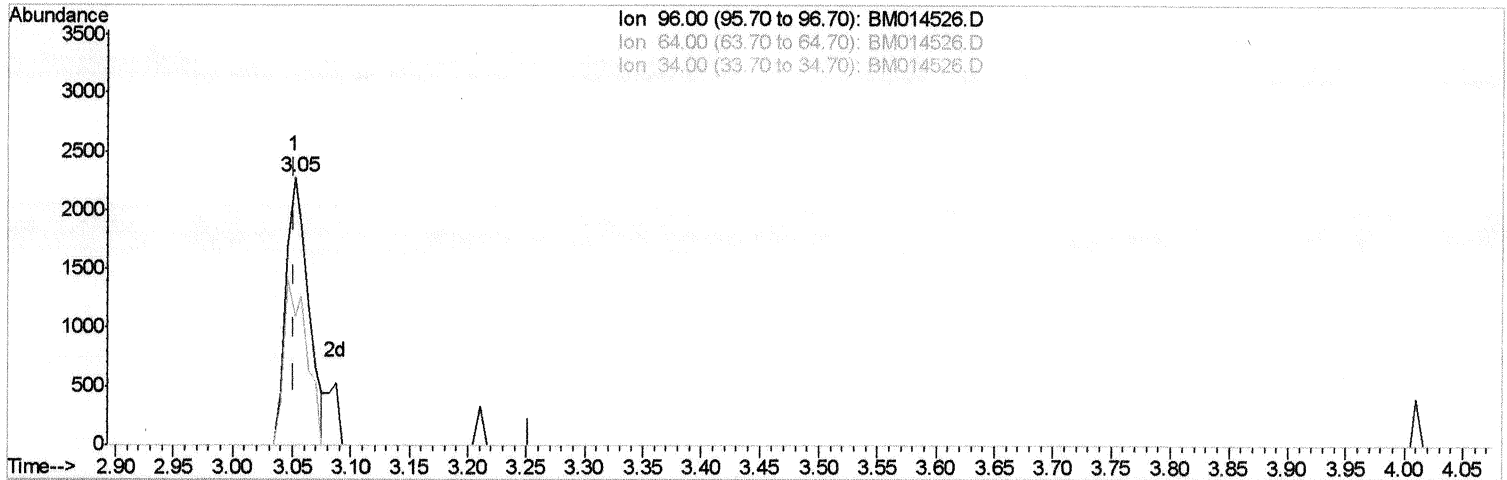
Quant Time: Mar 13 04:24:46 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 13 02:49:59 2018
 Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM031218\
Data File : BM014526.D
Acq On : 12 Mar 2018 20:22
Operator : SJ/JU
Sample : J1813-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 13 02:50:26 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 13 02:49:59 2018
Response via : Initial Calibration



TIC: BM014526.D

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

3.052min (-0.000) 2.34ng/uL

response 3025

3/13/2018 4:24:03 PM

3/13/2018 4:24:03 PM

Sohil

APPROVED

Manual Integrations

0.00

0.00

0.00

0.00

0.00

0.00

0.00

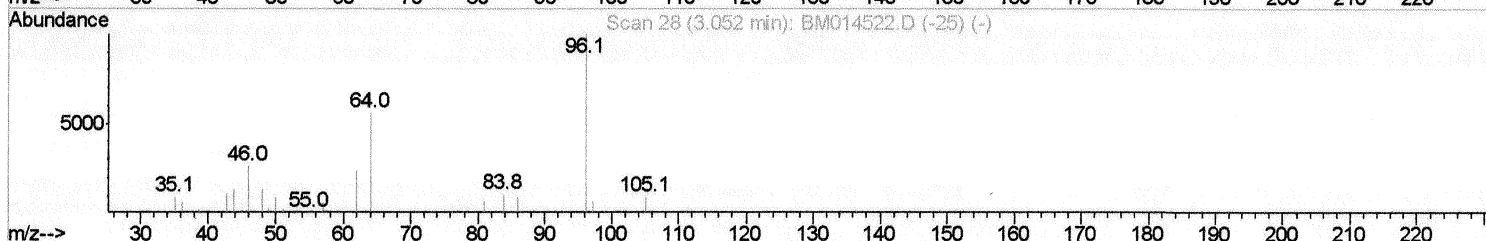
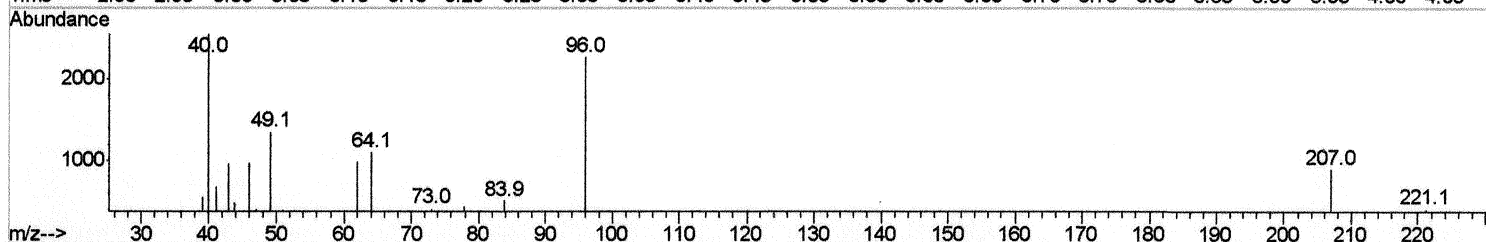
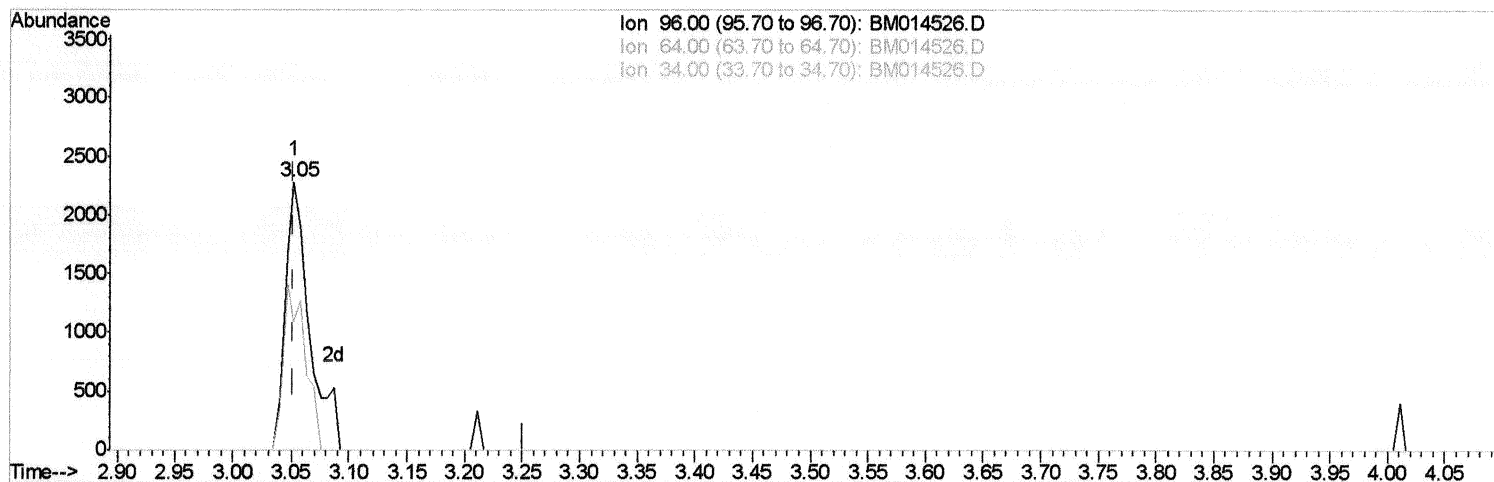
0.00

0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM031218\
 Data File : BM014526.D
 Acq On : 12 Mar 2018 20:22
 Operator : SJ/JU
 Sample : J1813-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 13 02:50:26 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 13 02:49:59 2018
 Response via : Initial Calibration



TIC: BM014526.D

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

3.052min (-0.000) 2.61ng/uL m

JU 3/16/18

response 3370

3/13/2018 4:24:03 PM

3/13/2018 4:24:03 PM

Sohil

APPROVED

Manual Integrations

34.00 00.00 00.00

FF33 00

ClientSampled :

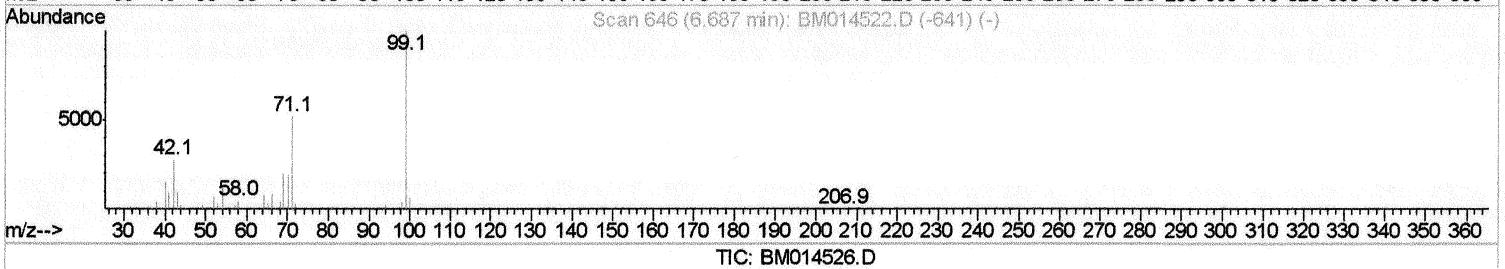
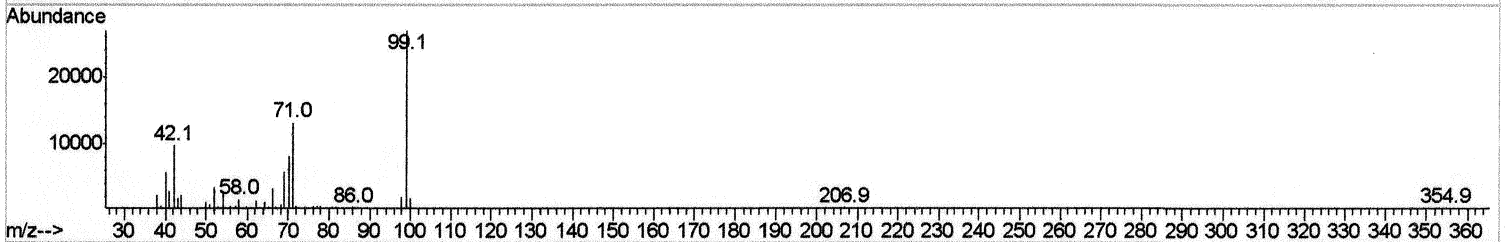
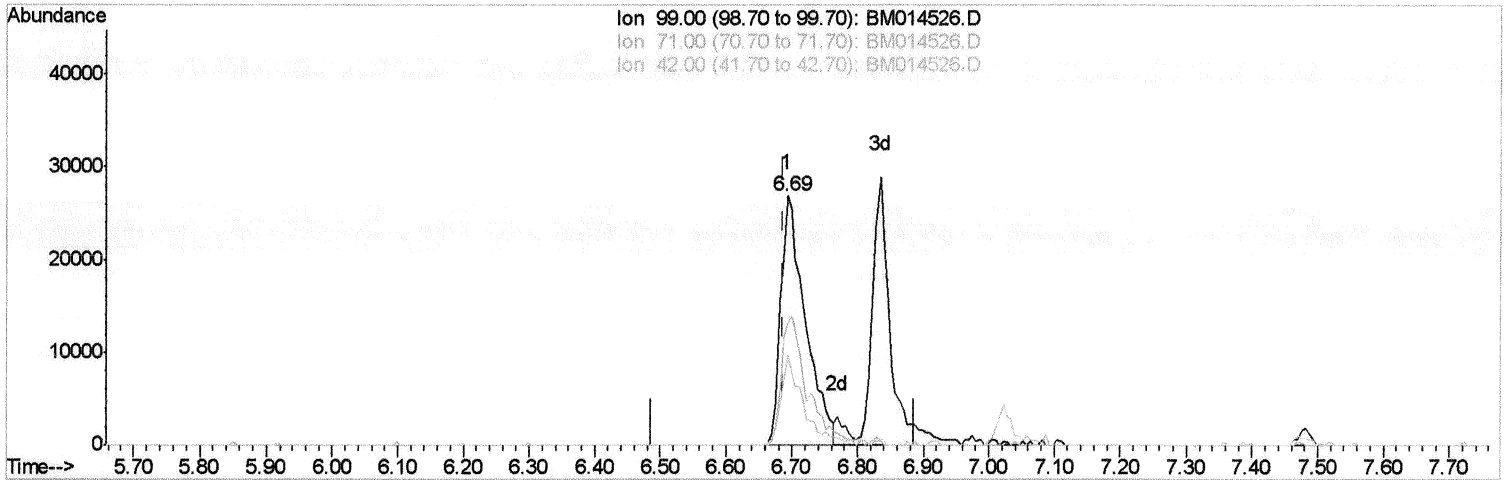
BNA_M

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM031218\
 Data File : BM014526.D
 Acq On : 12 Mar 2018 20:22
 Operator : SJ/JU
 Sample : J1813-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 13 04:20:15 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 13 02:49:59 2018
 Response via : Initial Calibration



(5) Phenol-d5 (S)

6.692min (+0.006) 15.02ng/ul

response 70296

3/13/2018 4:24:03 PM

3/13/2018 4:24:03 PM

SoH

APPROVED

Manual Integrations

42.00 24.20 36.10#

F6F33

ClientSampled :

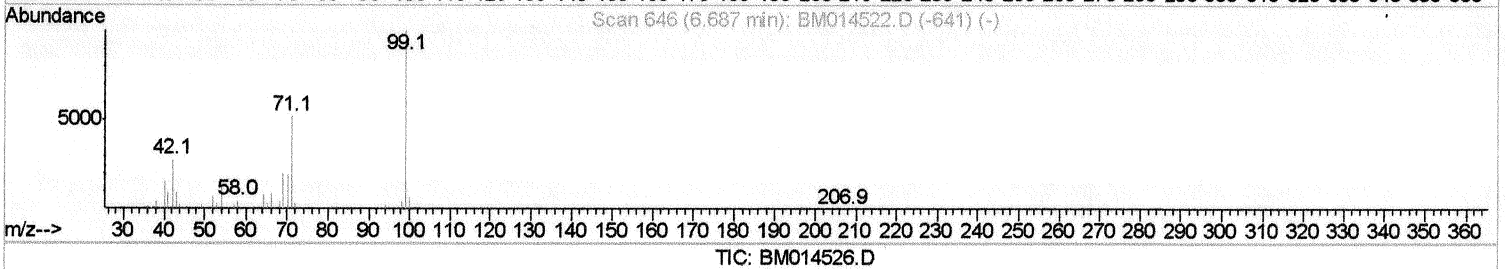
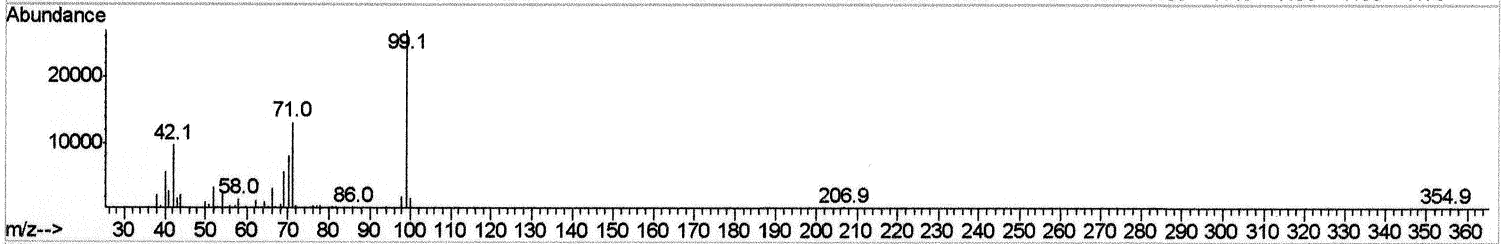
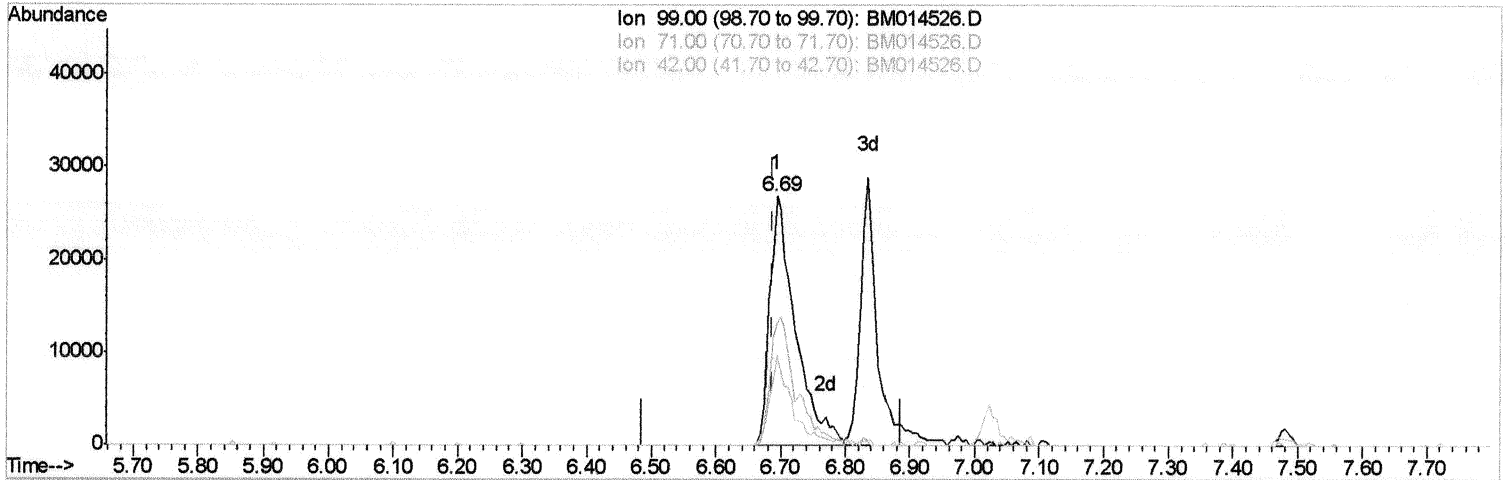
BNA_M

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM031218\
 Data File : BM014526.D
 Acq On : 12 Mar 2018 20:22
 Operator : SJ/JU
 Sample : J1813-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 13 04:20:15 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 13 02:49:59 2018
 Response via : Initial Calibration



(5) Phenol-d5 (S)

6.692min (+0.006) 15.77ng/ul m

response 73785

JU 3/16/18

3/13/2018 4:24:03 PM

3/13/2018 4:24:03 PM

Manual Integrations

APPROVED

8.80

36.10#

00.27

42.00

00.27

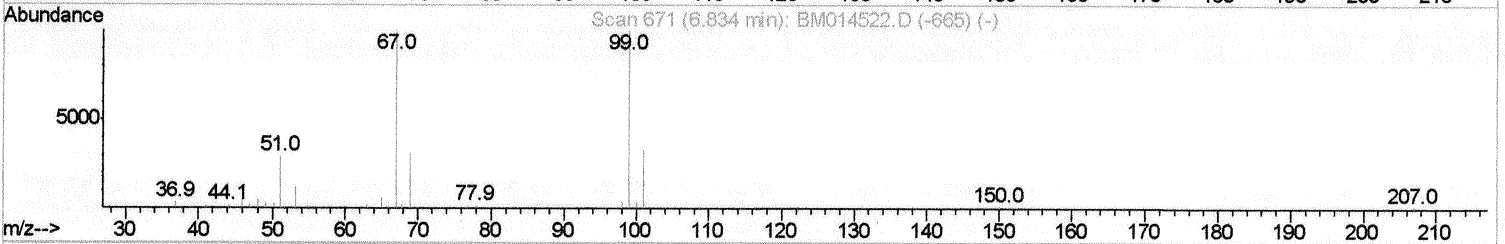
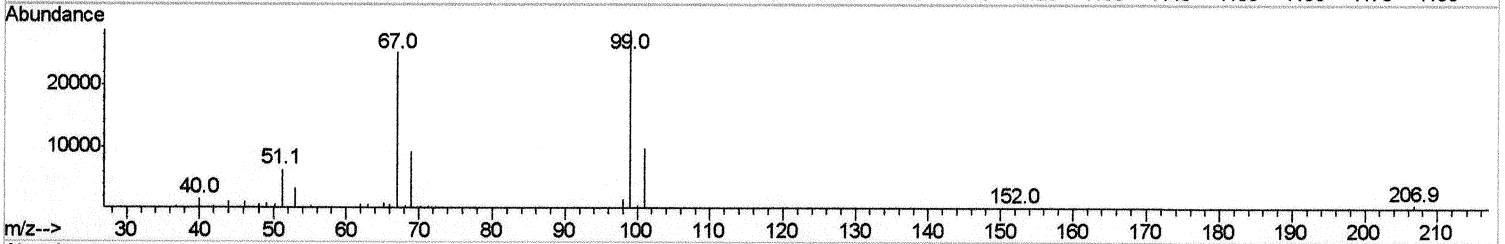
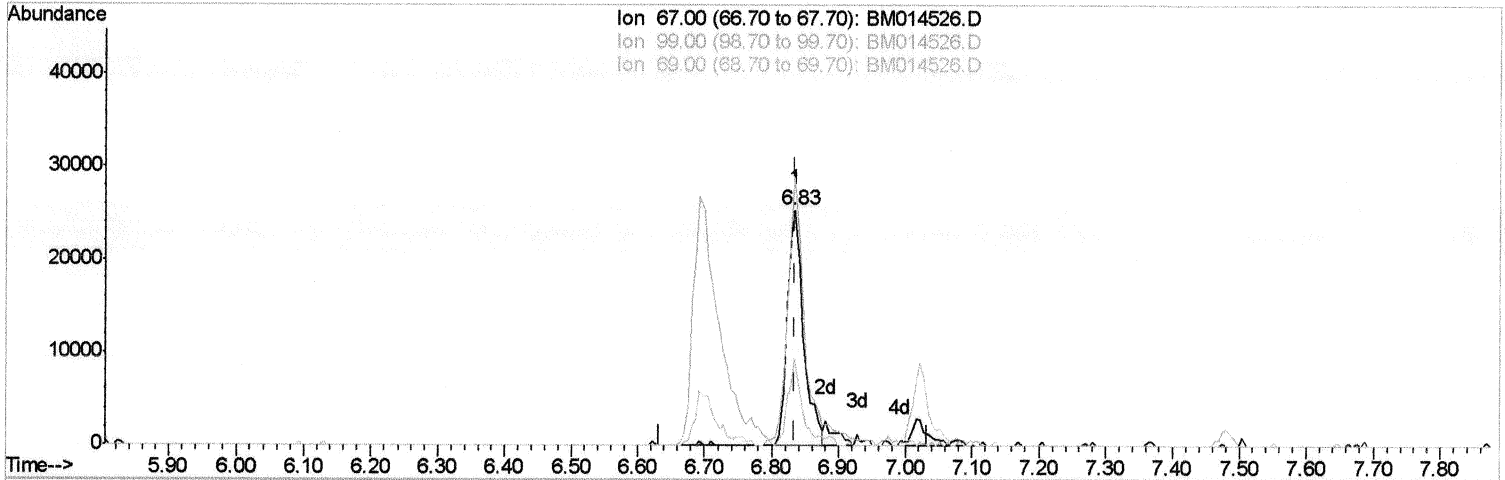
00.27

00.27

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM031218\
 Data File : BM014526.D
 Acq On : 12 Mar 2018 20:22
 Operator : SJ/JU
 Sample : J1813-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 13 04:20:15 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 13 02:49:59 2018
 Response via : Initial Calibration



TIC: BM014526.D

(7) Bis-(2-Chloroethyl)ether-d8 (S)

6.834min (-0.000) 15.20ng/ul

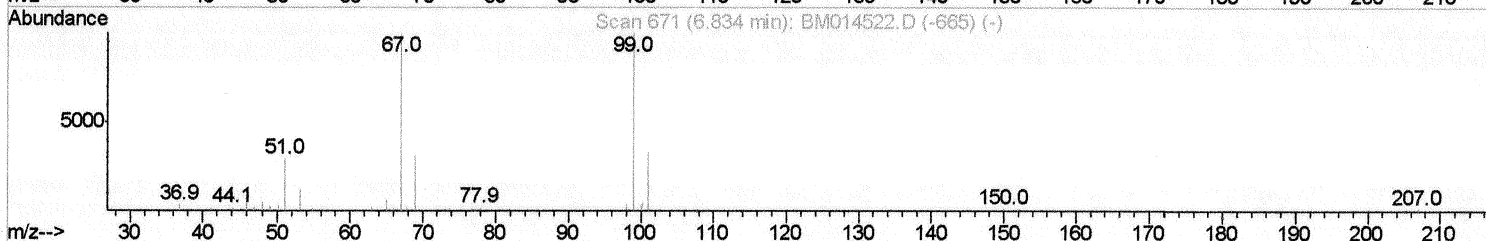
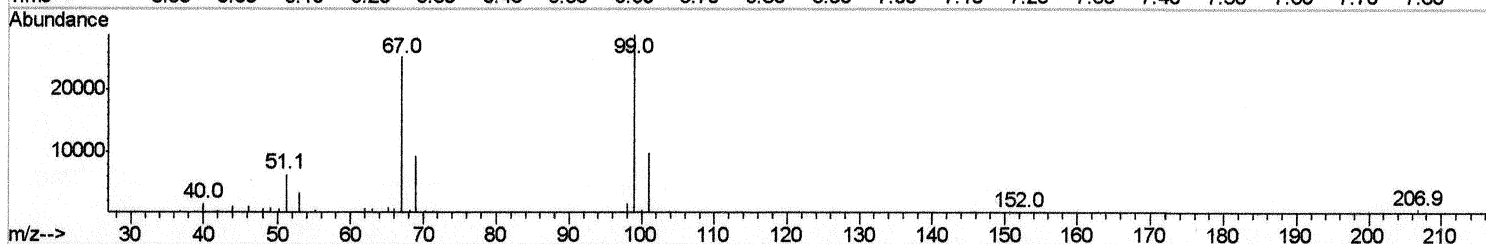
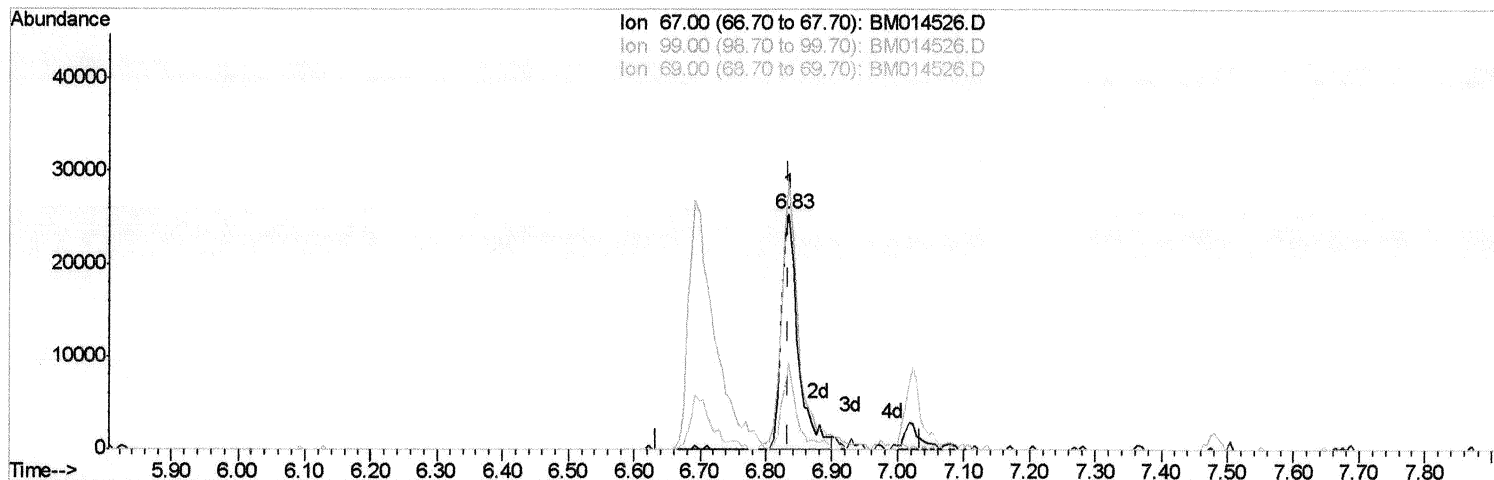
response 43046

3/13/2018 4:24:03 PM
 3/13/2018 4:24:03 PM
 Sohll
 APPROVED
 Manual Integrations
 13.89
 19.36
 36.61
 36.30
 00.96
 00.69
 F6F33
 00
 ClientSampled :
 BNA_M
 Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM031218\
 Data File : BM014526.D
 Acq On : 12 Mar 2018 20:22
 Operator : SJ/JU
 Sample : J1813-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 13 04:20:15 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 13 02:49:59 2018
 Response via : Initial Calibration



TIC: BM014526.D

(7) Bis-(2-Chloroethyl)ether-d8 (S)

6.834min (-0.000) 16.01ng/ul m

JU 3/16/18

response 45338

3/13/2018 4:24:03 PM

3/13/2018 4:24:03 PM

Sohil

APPROVED

Manual Integrations

36.61

36.30

03.96

00.69

ClientSampled :

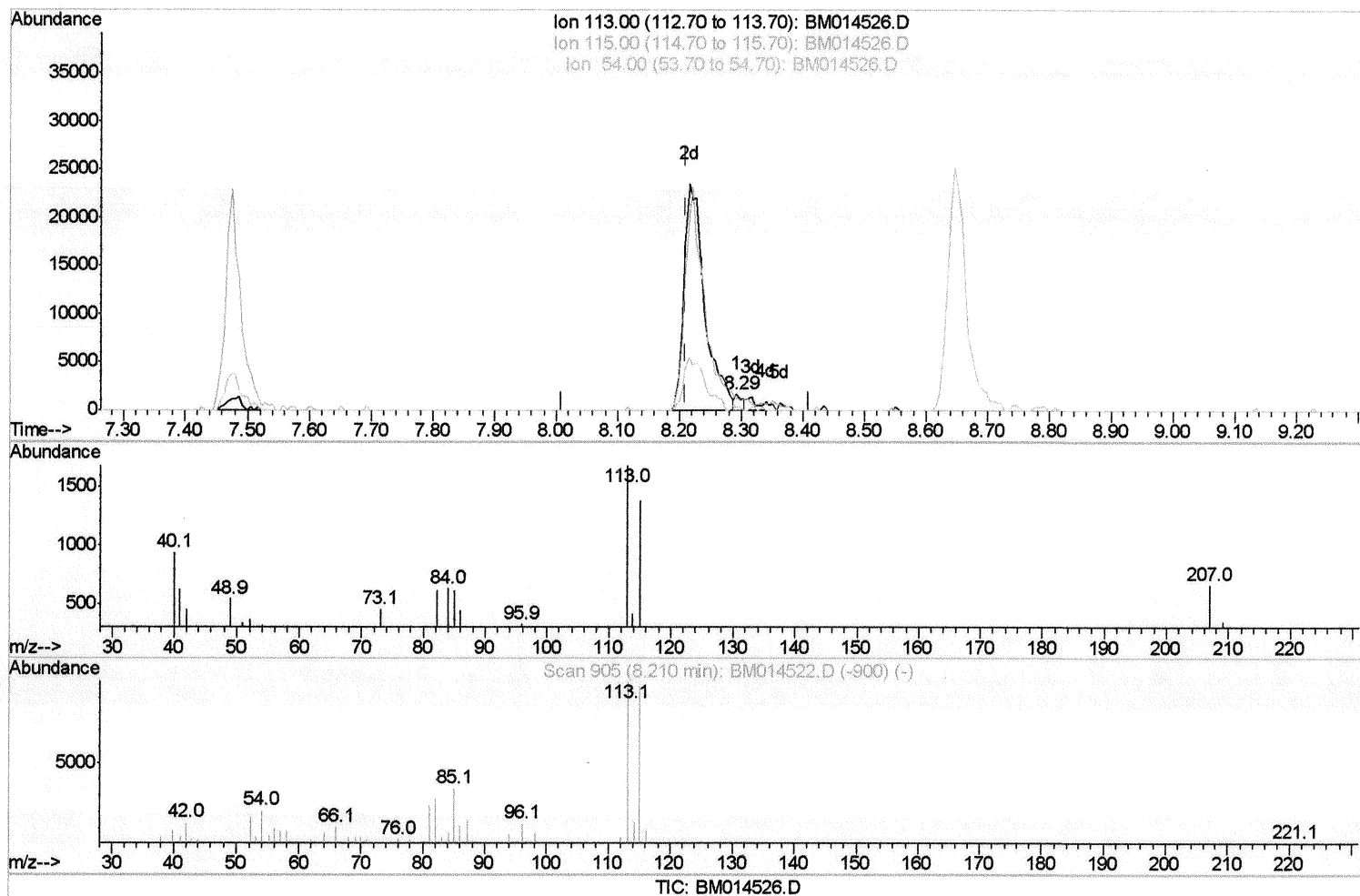
BNA_M

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM031218\
 Data File : BM014526.D
 Acq On : 12 Mar 2018 20:22
 Operator : SJ/JU
 Sample : J1813-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 13 04:20:15 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 13 02:49:59 2018
 Response via : Initial Calibration



(13) 4-Methylphenol-d8 (S)

8.292min (+0.082) 0.34ng/ul

response 1401

3/13/2018 4:24:03 PM

Sohil

APPROVED

Manual Integrations

54.00 18.90 19.45

F6F33

ClientSampled :

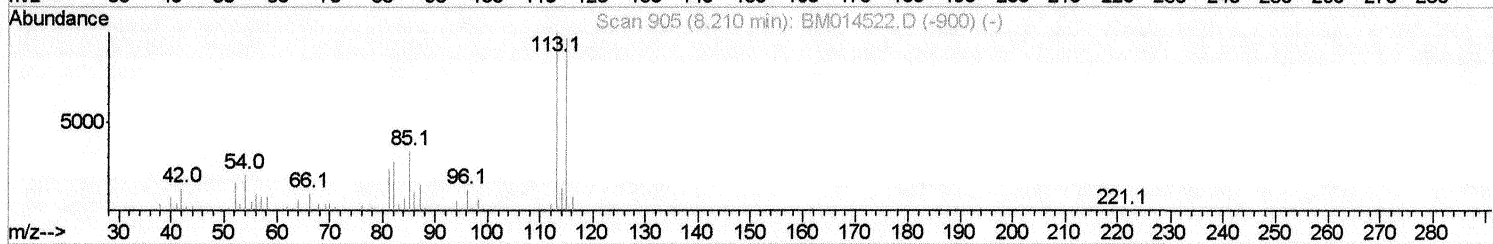
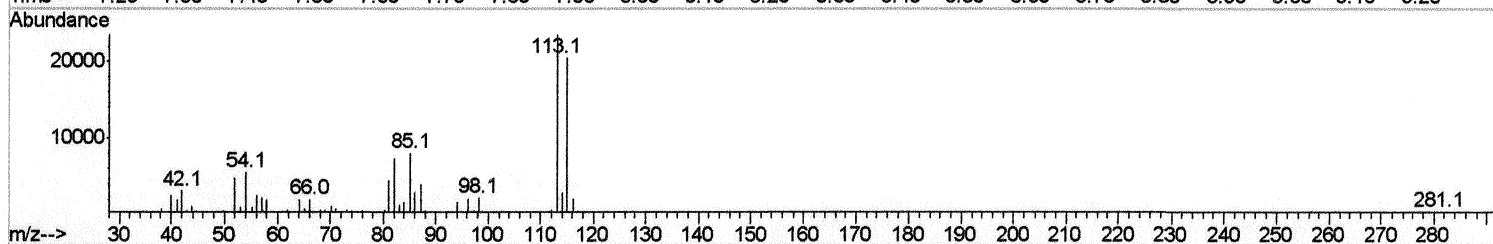
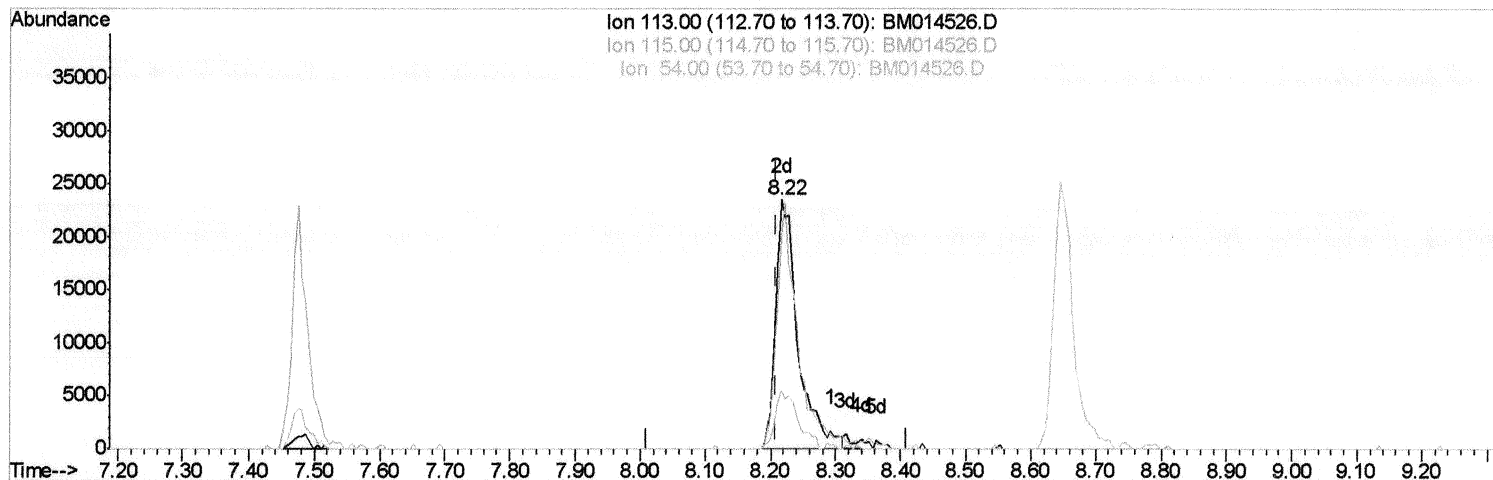
BNA_M

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM031218\
 Data File : BM014526.D
 Acq On : 12 Mar 2018 20:22
 Operator : SJ/JU
 Sample : J1813-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 13 04:20:15 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 13 02:49:59 2018
 Response via : Initial Calibration



TIC: BM014526.D

(13) 4-Methylphenol-d8 (S)

8.216min (+0.006) 13.72ng/ul m

JU 3/16/18

response 56168

3/13/2018 4:24:03 PM

3/13/2018 4:24:03 PM

Sohil

APPROVED

Manual Integrations

54.00 18.90 23.50#

54.00 18.90 23.50#

54.00 18.90 23.50#

54.00 18.90 23.50#

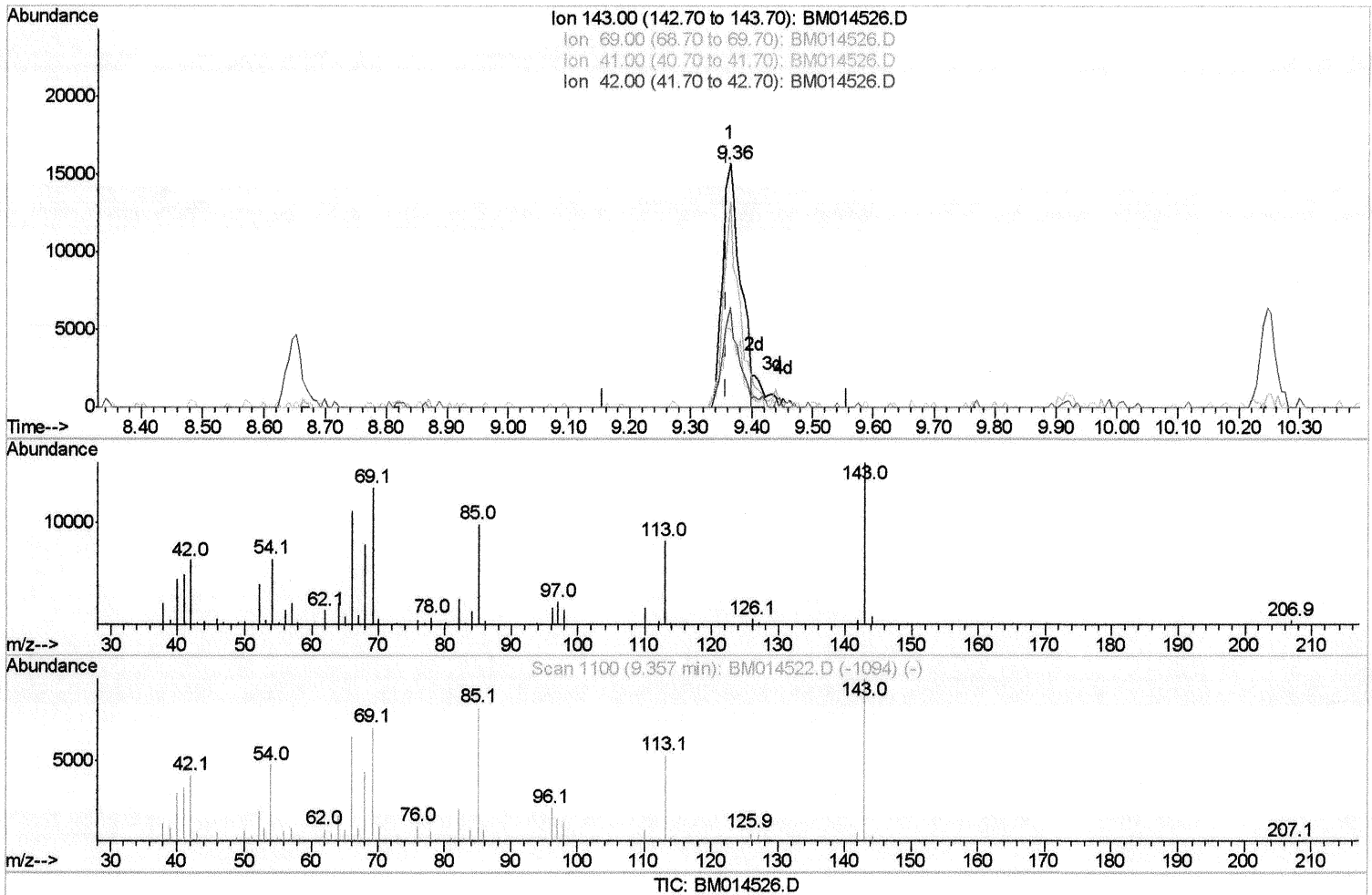
54.00 18.90 23.50#

54.00 18.90 23.50#

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM031218\
 Data File : BM014526.D
 Acq On : 12 Mar 2018 20:22
 Operator : SJ/JU
 Sample : J1813-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 13 04:20:15 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 13 02:49:59 2018
 Response via : Initial Calibration



(22) 2-Nitrophenol-d4 (S)

9.363min (+0.006) 17.96ng/ul

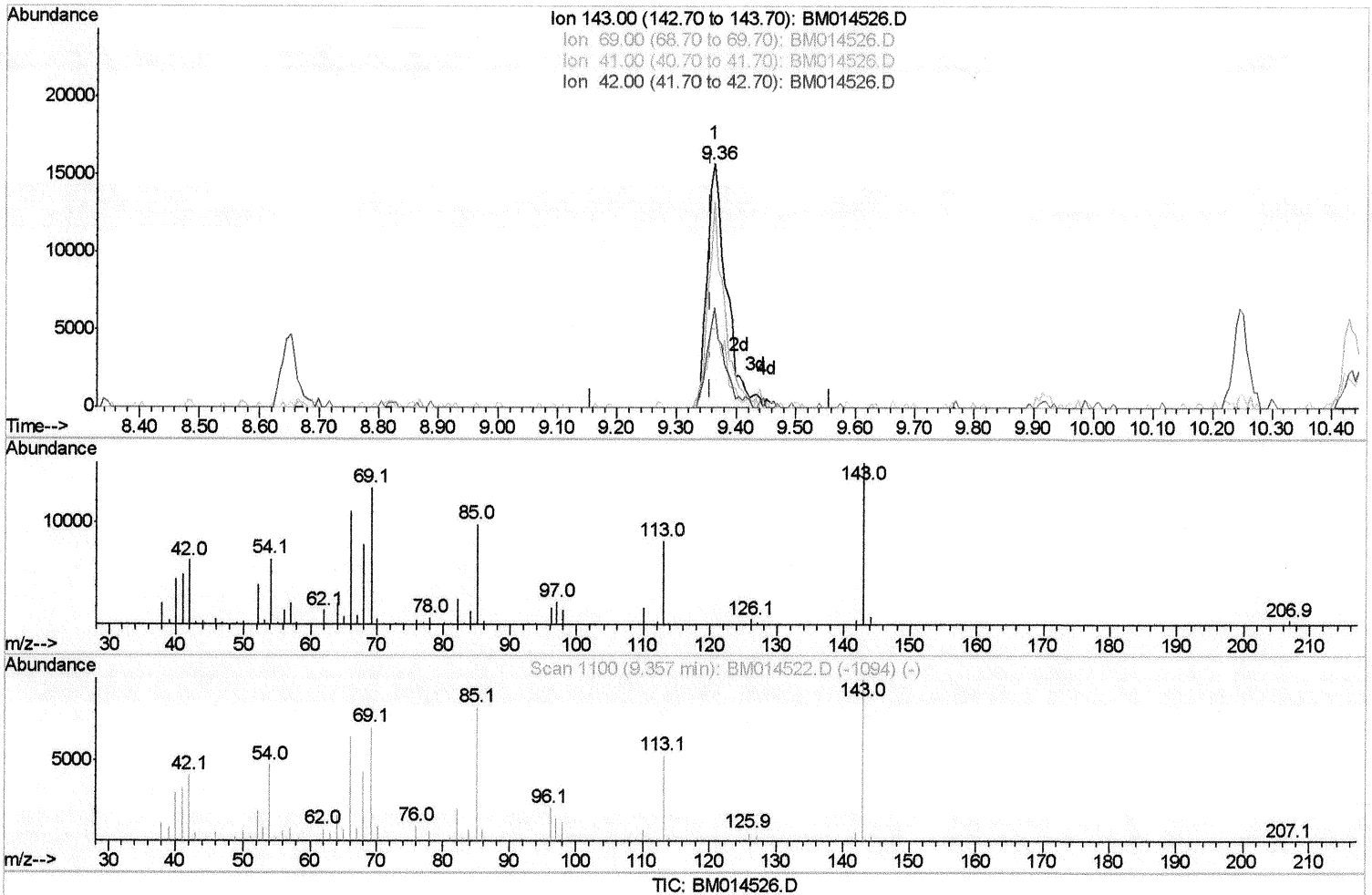
response 32317

3/13/2018 4:24:03 PM
 Manual Integrations
 APPROVED
 41.00 23.80 32.17#
 ClientSampled :
 Instrument :
 BNA_M
 F6F33

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM031218\
 Data File : BM014526.D
 Acq On : 12 Mar 2018 20:22
 Operator : SJ/JU
 Sample : J1813-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 13 04:20:15 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 13 02:49:59 2018
 Response via : Initial Calibration



(22) 2-Nitrophenol-d4 (S)

9.363min (+0.006) 19.51ng/ul m

JU 3/16/18

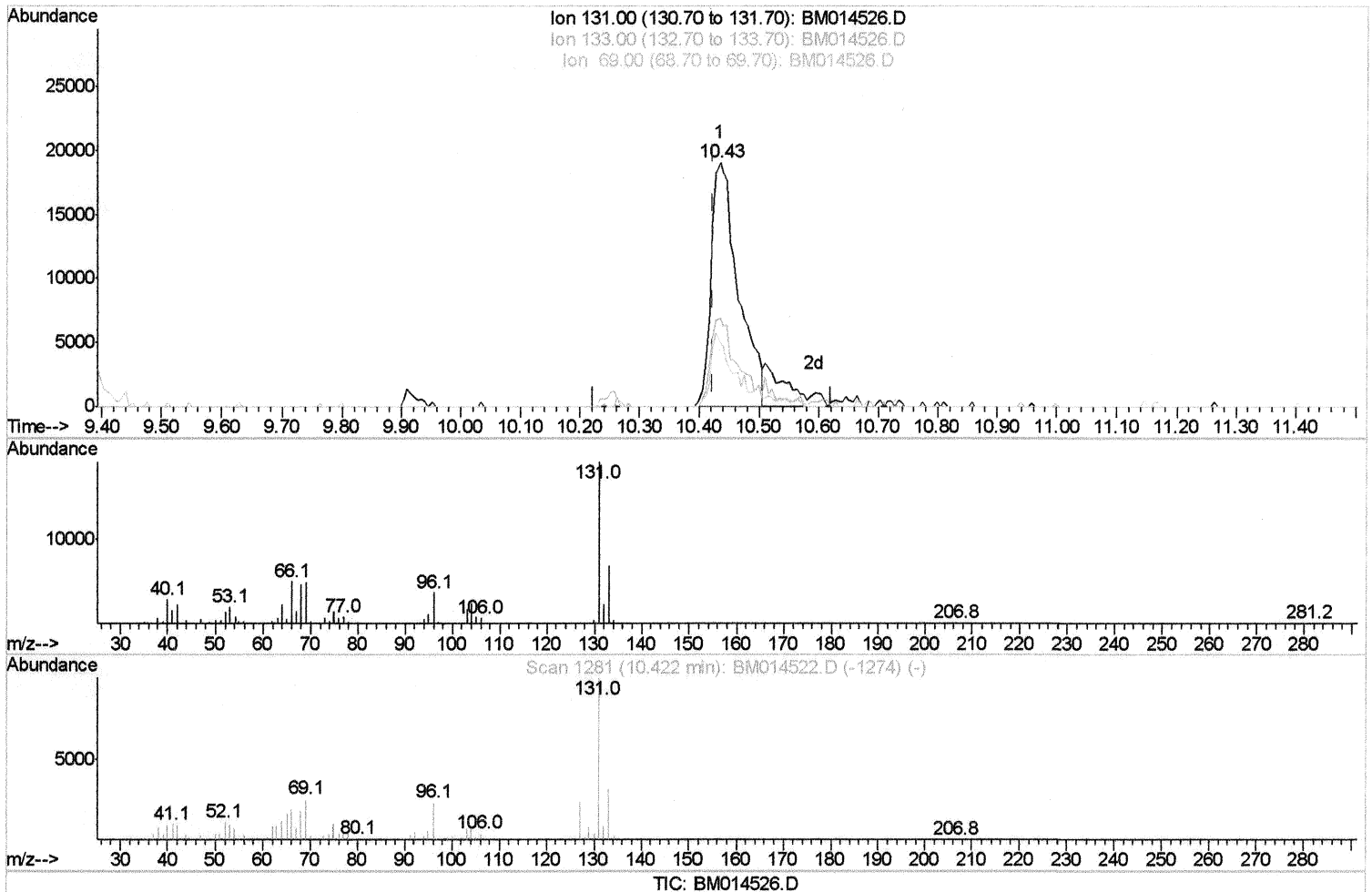
response 35104

3/13/2018 4:24:03 PM
 Sohil
 APPROVED
 Manual Integrations
 4.73#
 41.00 23.80 32.17#
 F6F33
 ClientSampled :
 BNA_M
 Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM031218\
 Data File : BM014526.D
 Acq On : 12 Mar 2018 20:22
 Operator : SJ/JU
 Sample : J1813-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 13 04:20:15 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 13 02:49:59 2018
 Response via : Initial Calibration



(29) 4-Chloroaniline-d4 (S)

10.433min (+0.012) 16.41ng/ul

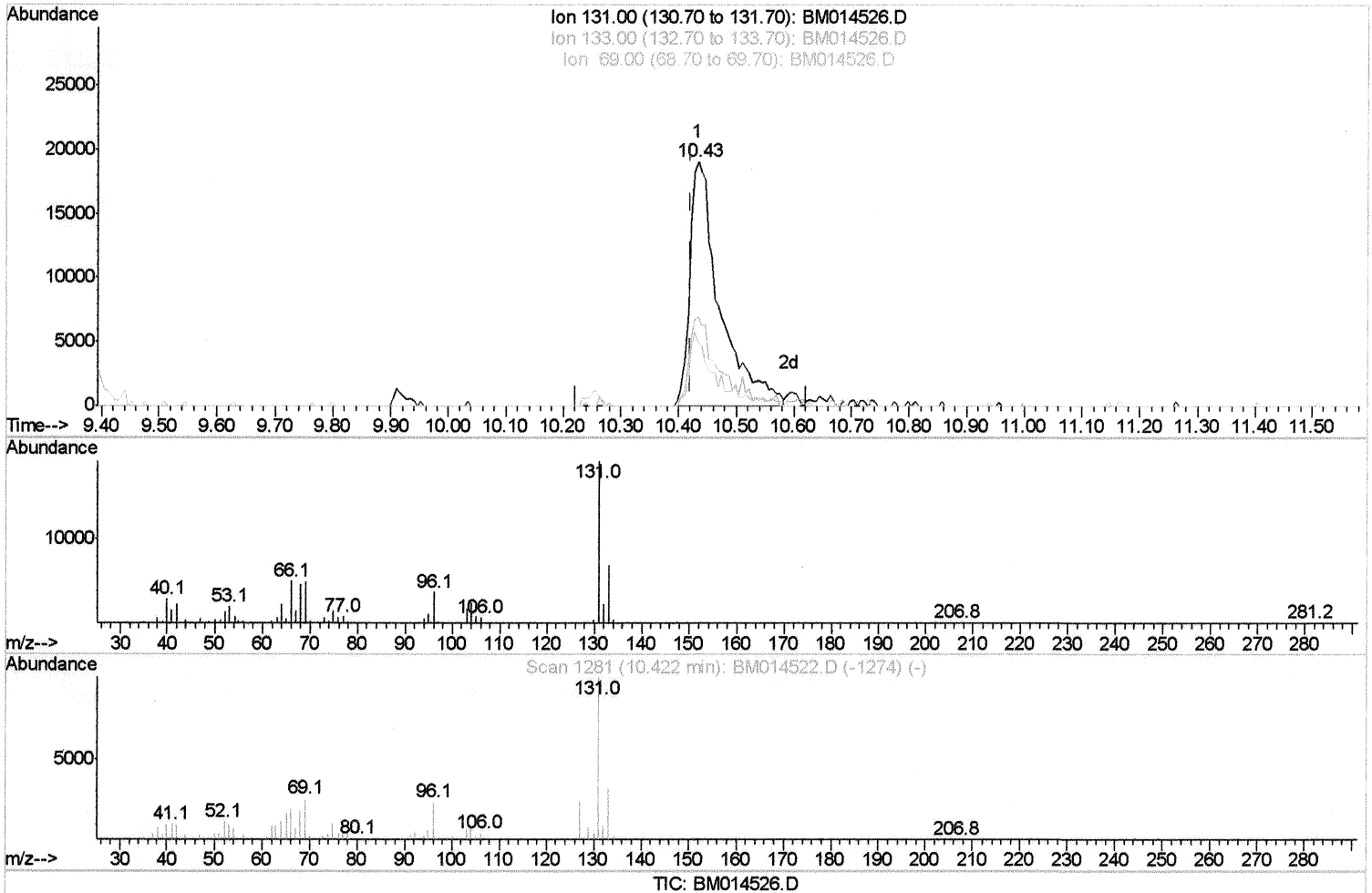
response 60261

3/13/2018 4:24:03 PM
 Sohil
 APPROVED
 Manual Integrations
 36.50
 26.21
 24.30
 69.00
 Client Sampled :
 BNA_M
 Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM031218\
 Data File : BM014526.D
 Acq On : 12 Mar 2018 20:22
 Operator : SJ/JU
 Sample : J1813-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 13 04:20:15 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 13 02:49:59 2018
 Response via : Initial Calibration



(29) 4-Chloroaniline-d4 (S)

10.433min (+0.012) 18.67ng/ul m

JU 3/16/18

response 68566

3/13/2018 4:24:03 PM

3/13/2018 4:24:03 PM

Sohil

APPROVED

Manual Integrations

69.00 24.30 26.21

F6F33

ClientSampled :

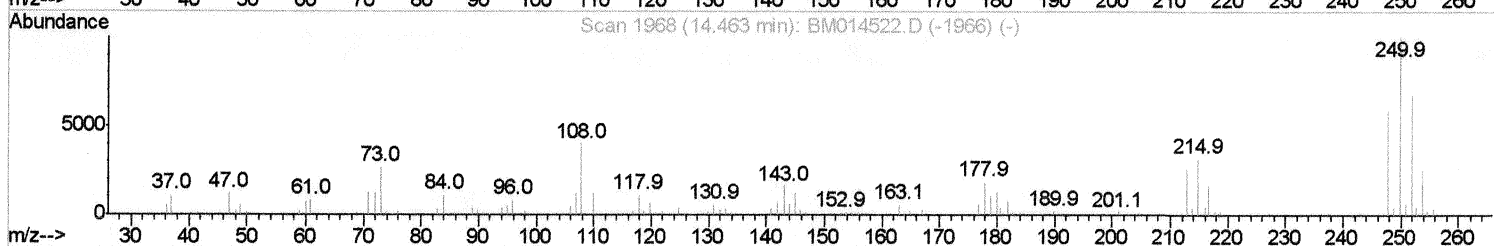
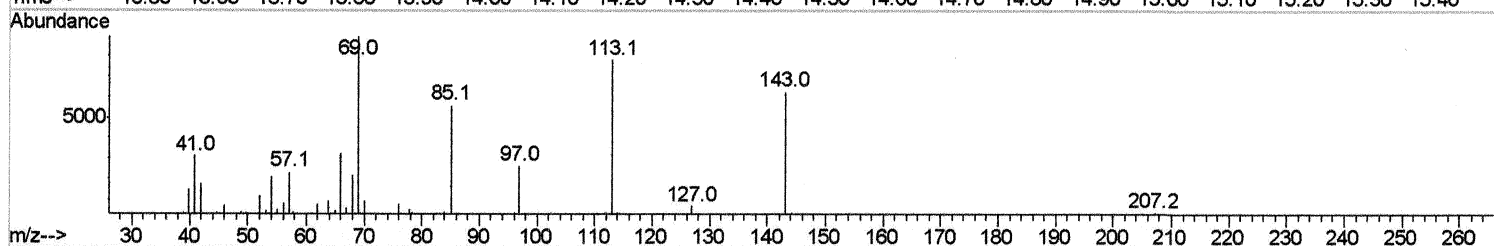
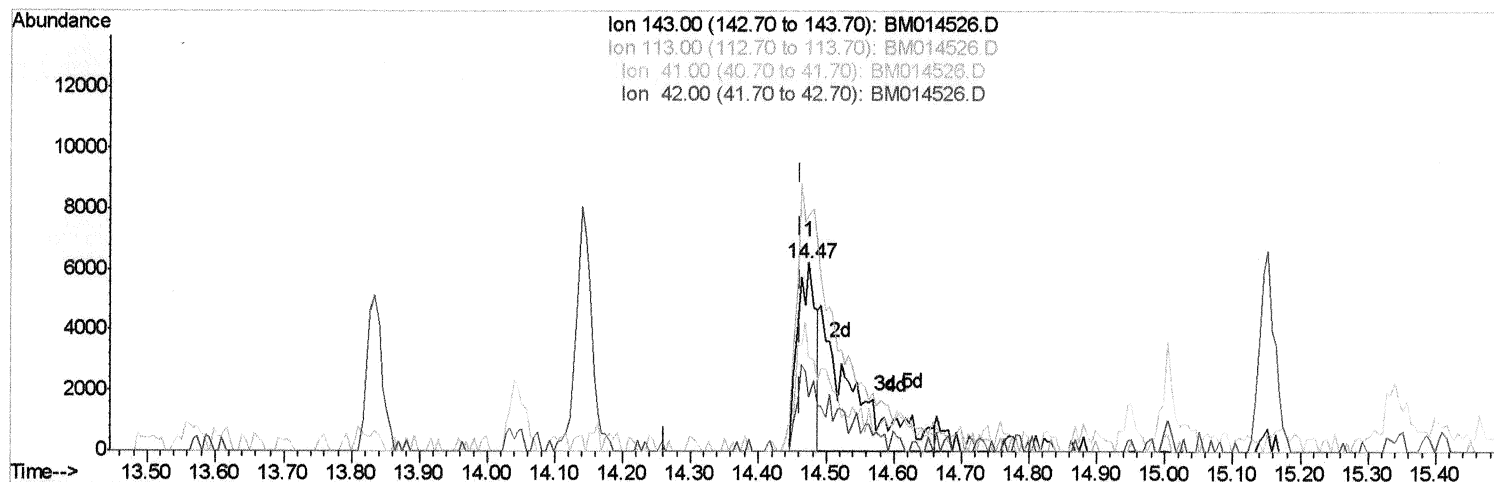
BNA_M

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM031218\
 Data File : BM014526.D
 Acq On : 12 Mar 2018 20:22
 Operator : SJ/JU
 Sample : J1813-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 13 04:22:13 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 13 02:49:59 2018
 Response via : Initial Calibration



TIC: BM014526.D

(51) 4-Nitrophenol-d4 (S)

14.474min (+0.012) 6.95ng/ul

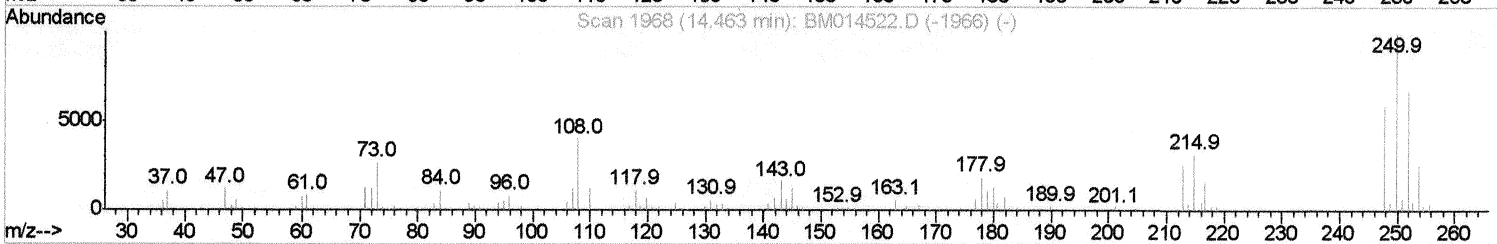
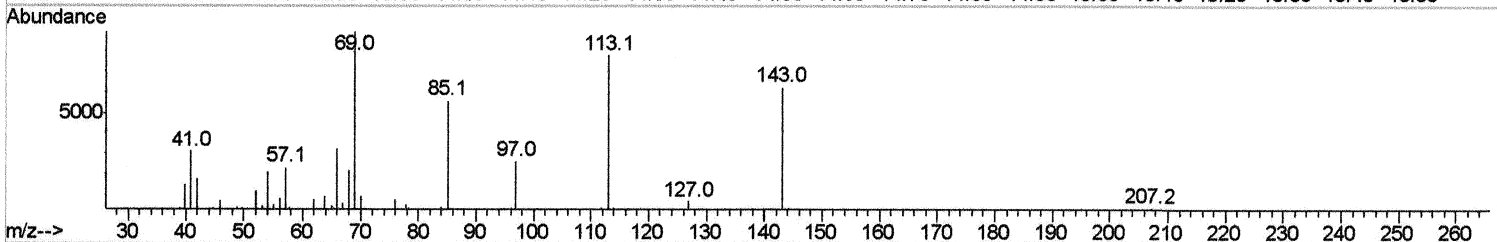
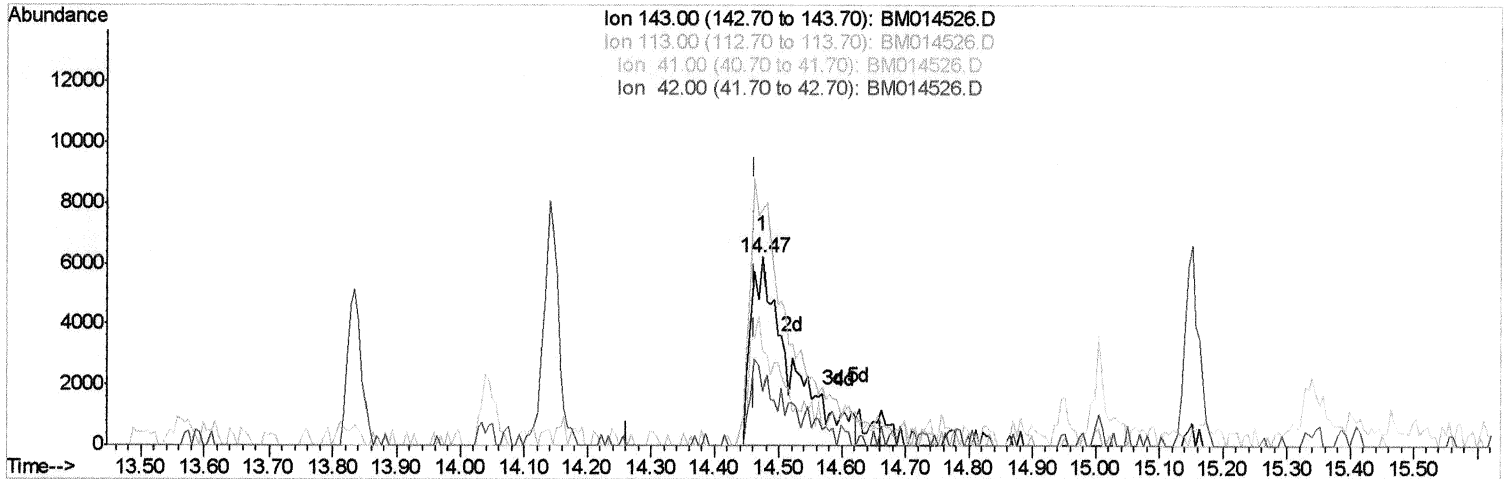
response 11565

3/13/2018 4:24:03 PM
 3/13/2018 4:24:03 PM
 Sohil
 APPROVED
 Manual Integrations
 25.48
 41.00 34.80 50.32#
 F6F33
 8.83#
 ClientSampled :
 BNA_M
 Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM031218\
 Data File : BM014526.D
 Acq On : 12 Mar 2018 20:22
 Operator : SJ/JU
 Sample : J1813-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 13 04:22:13 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 13 02:49:59 2018
 Response via : Initial Calibration



TIC: BM014526.D

(51) 4-Nitrophenol-d4 (S)

14.474min (+0.012) 16.19ng/ul m

Ju 3/16/18

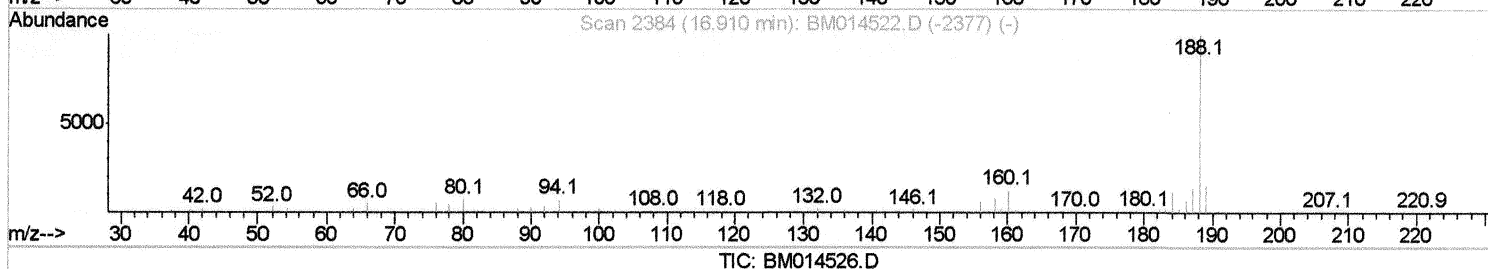
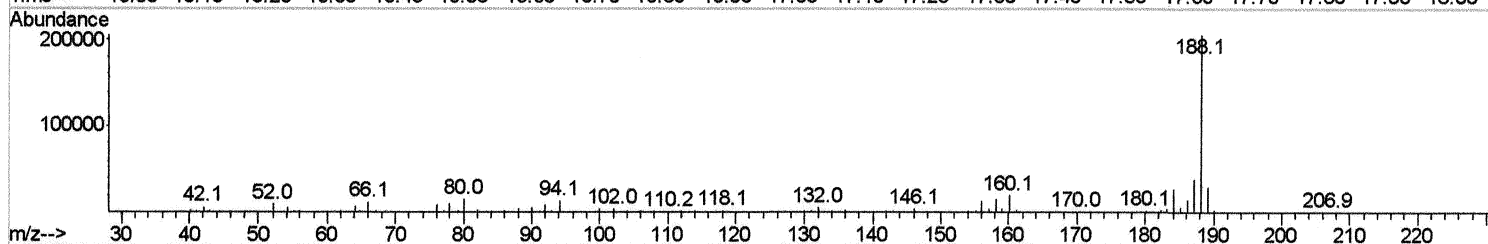
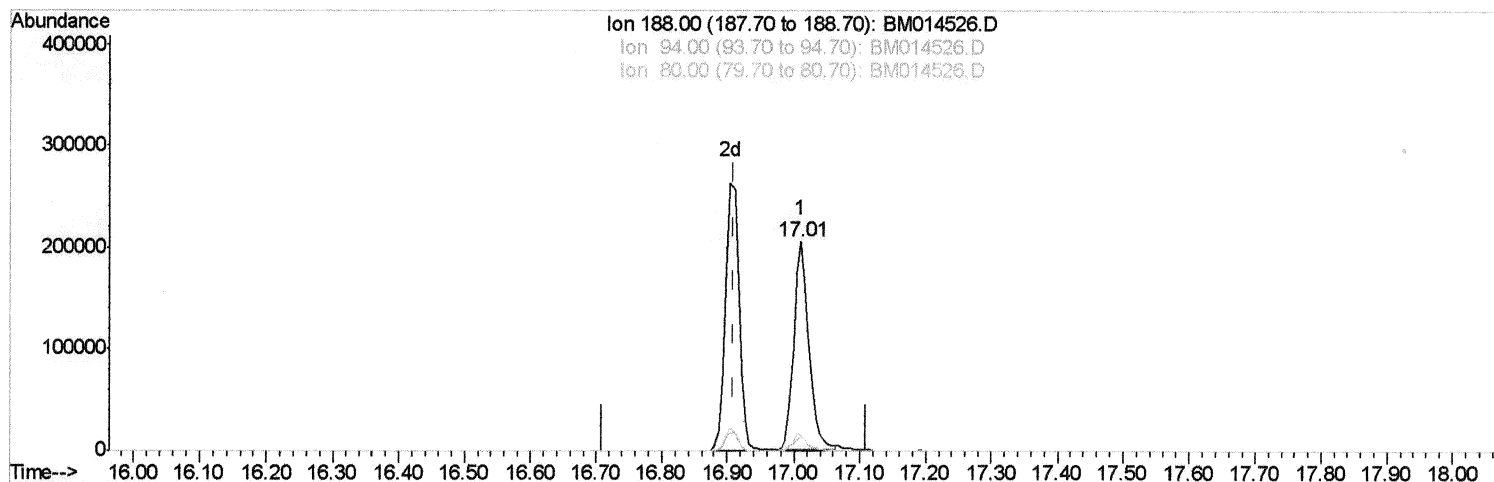
response 26956

3/13/2018 4:24:03 PM
 Sohil
 APPROVED
 Manual Integrations
 125.48
 41.00 34.80 50.32#
 F6F33
 8.83#
 ClientSampled :
 BNA_M
 Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM031218\
 Data File : BM014526.D
 Acq On : 12 Mar 2018 20:22
 Operator : SJ/JU
 Sample : J1813-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 13 04:23:14 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 13 02:49:59 2018
 Response via : Initial Calibration



(61) Phenanthrene-d10 (I)

17.009min (+0.100) 20.00ng/ul

response 329938

3/13/2018 4:24:03 PM
 3/13/2018 4:24:03 PM
 Sohil

Manual Integrations
 APPROVED

7.46

09.9

ClientSampled :

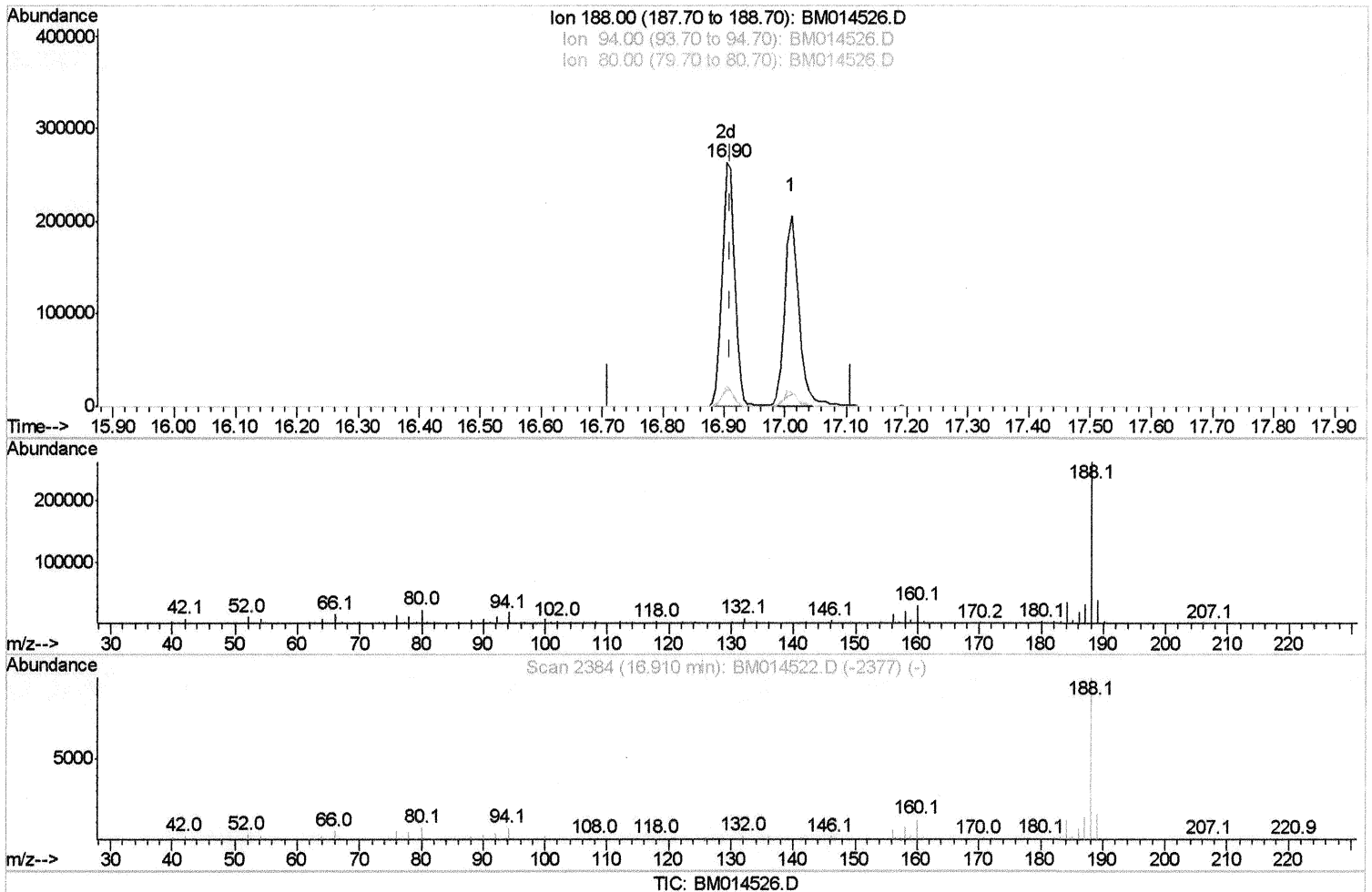
BNA_M

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM031218\
 Data File : BM014526.D
 Acq On : 12 Mar 2018 20:22
 Operator : SJ/JU
 Sample : J1813-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 13 04:23:14 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 13 02:49:59 2018
 Response via : Initial Calibration



(61) Phenanthrene-d10 (I)

16.904min (-0.006) 20.00ng/ul m

JU 3/16/18

response 377975

3/13/2018 4:24:03 PM
 Sohil

Manual Integrations
 APPROVED

8.58#

6.60#

ClientSampled : 00

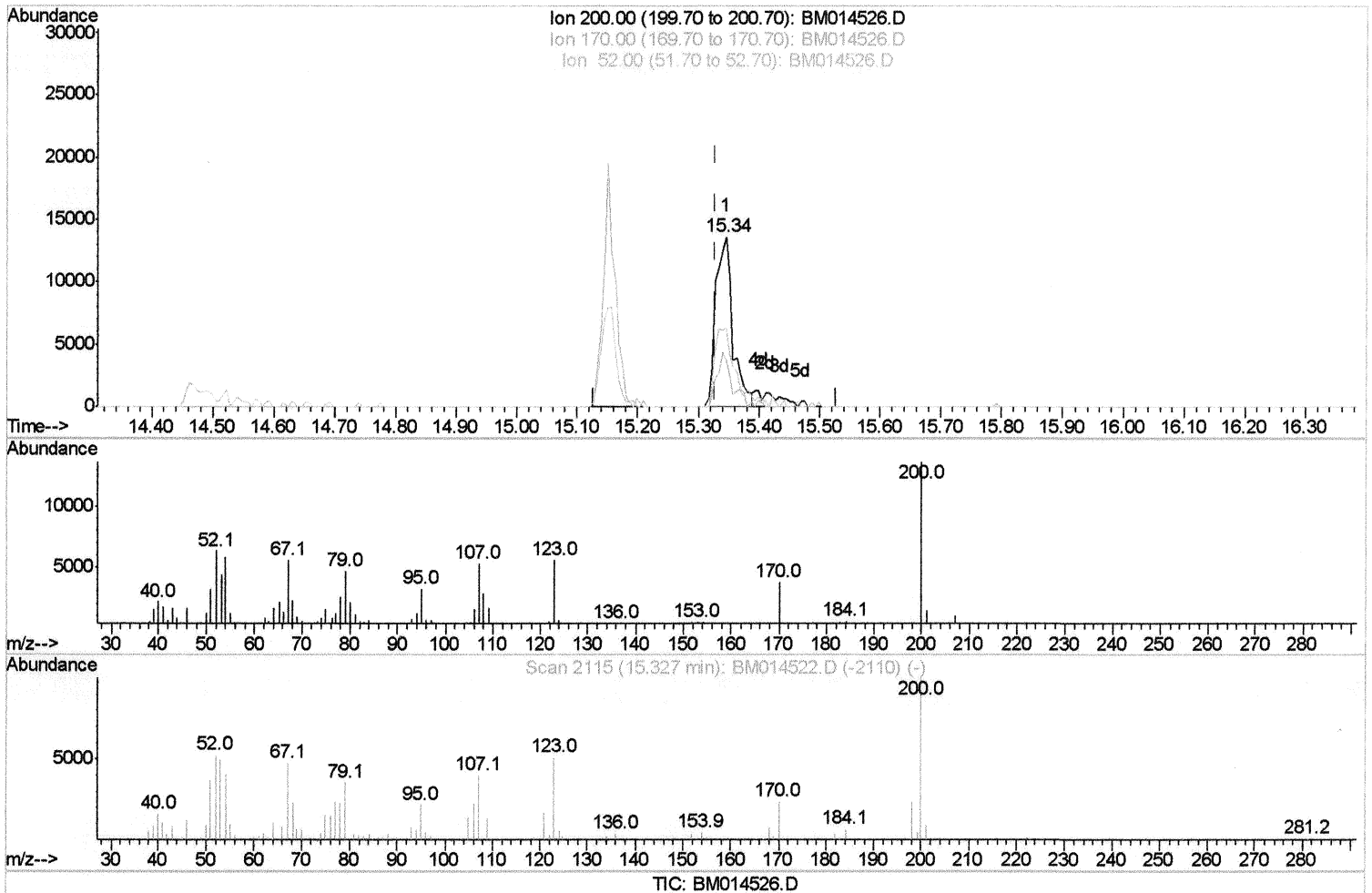
BNA_M

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM031218\
 Data File : BM014526.D
 Acq On : 12 Mar 2018 20:22
 Operator : SJ/JU
 Sample : J1813-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 13 04:23:52 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 13 02:49:59 2018
 Response via : Initial Calibration



(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.345min (+0.017) 11.71ng/ul

response 26555

3/13/2018 4:24:03 PM
 3/13/2018 4:24:03 PM
 Sohil
 APPROVED
 Manual Integrations
 27.18
 46.31
 49.50
 52.00
 F6F33
 ClientSampled :
 BNA_M
 Instrument :

Data Path : Z:\HPCHEM1\BNA M\Data\BM031218\
Data File : BM014526.D
Acq On : 12 Mar 2018 20:22
Operator : SJ/JU
Sample : J1813-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Abundance

30000

25000

20000

15000

10000

5000

0

Time-->

14.40 14.50 14.60 14.70 14.80 14.90 15.00 15.10 15.20 15.30 15.40 15.50 15.60 15.70 15.80 15.90 16.00 16.10 16.20 16.30 16.40

Ion 200.00 (199.70 to 200.70): BM014526.D

Ion 170.00 (169.70 to 170.70): BM014526.D

Ion 52.00 (51.70 to 52.70): BM014526.D

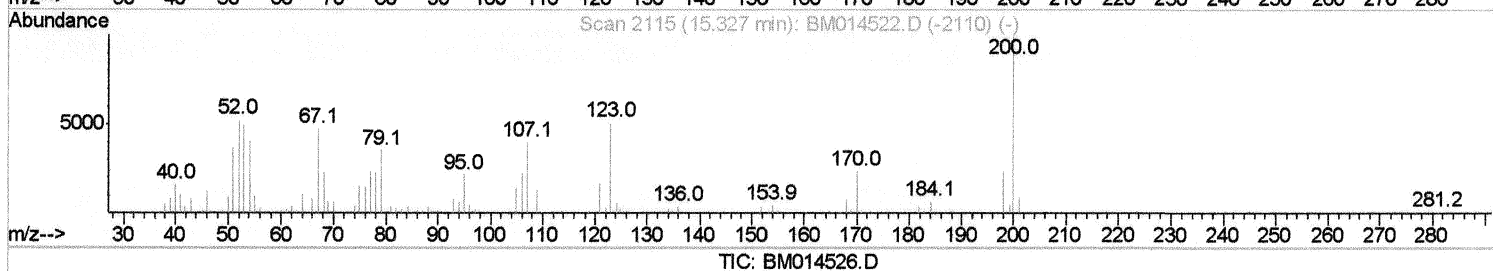
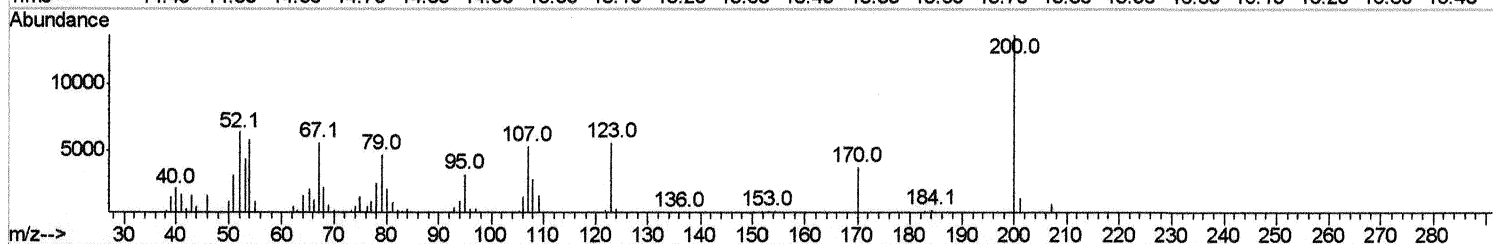
1

15.34

4d

2d

5d



(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.345min (+0.017) 13.16ng/ul m

response 29838

3/13/2018 4:24:03 PM

11405

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Manual Integra

	2019	2020	2021
Revenue	52.00	49.50	46.31

F6F33

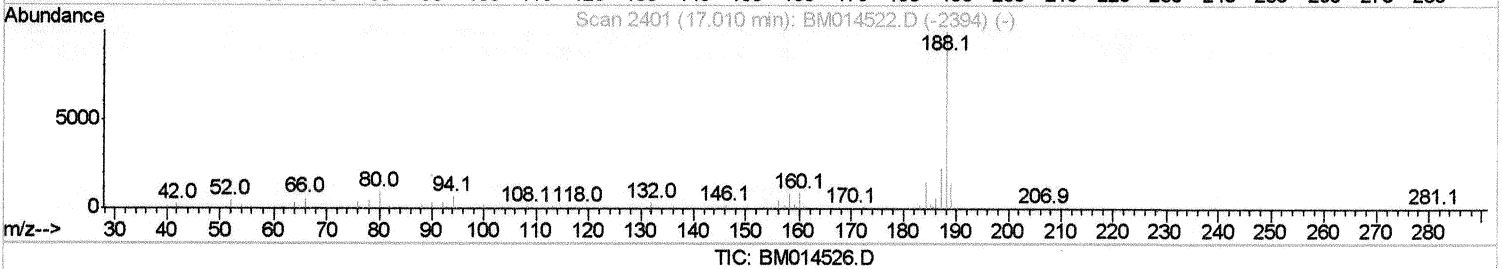
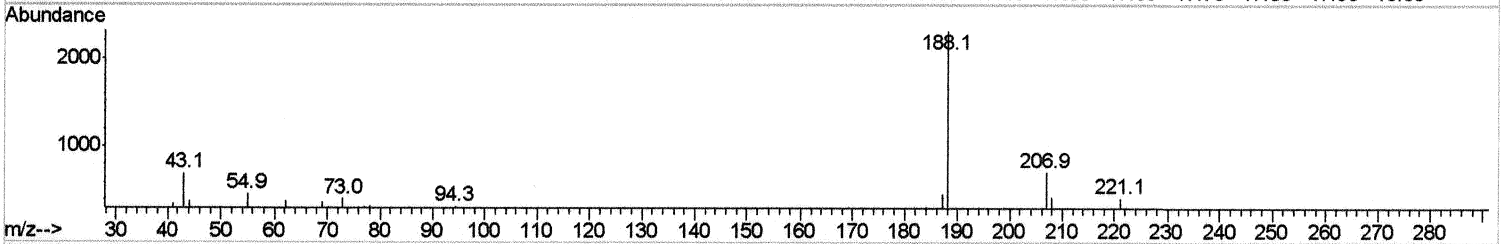
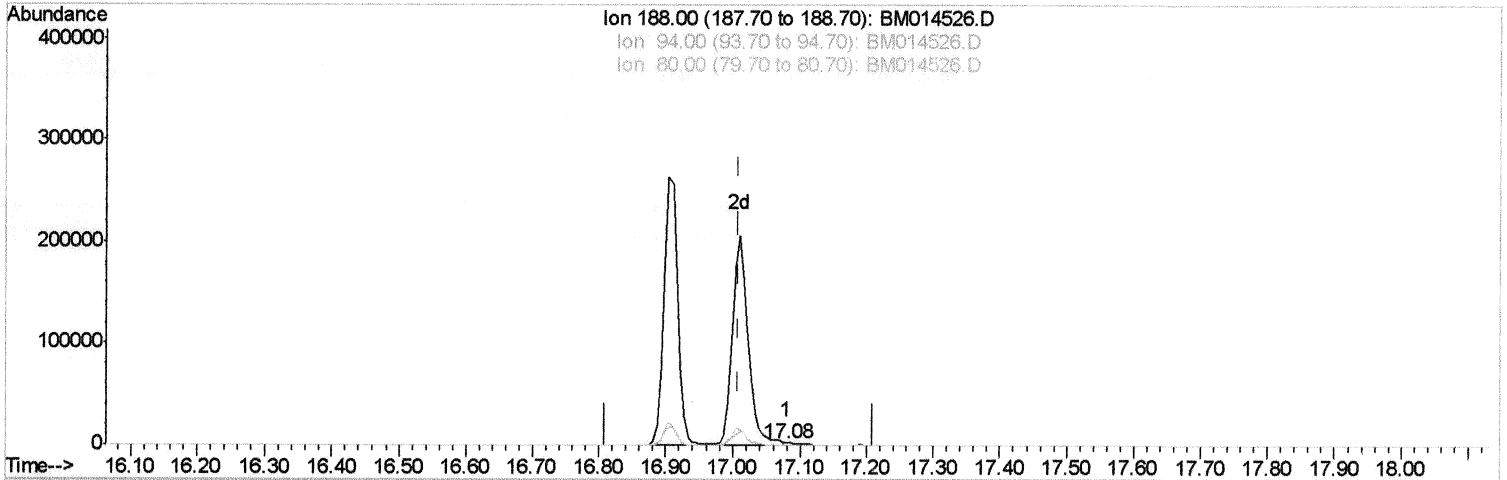
ClientSampleId :

Instrument : BNA_M

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM031218\
 Data File : BM014526.D
 Acq On : 12 Mar 2018 20:22
 Operator : SJ/JU
 Sample : J1813-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 13 04:23:52 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 13 02:49:59 2018
 Response via : Initial Calibration



(70) Anthracene-d10 (S)

17.080min (+0.070) 0.21ng/ul

response 3853

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Manual Integrations

0.008

0.008

0.008

0.008

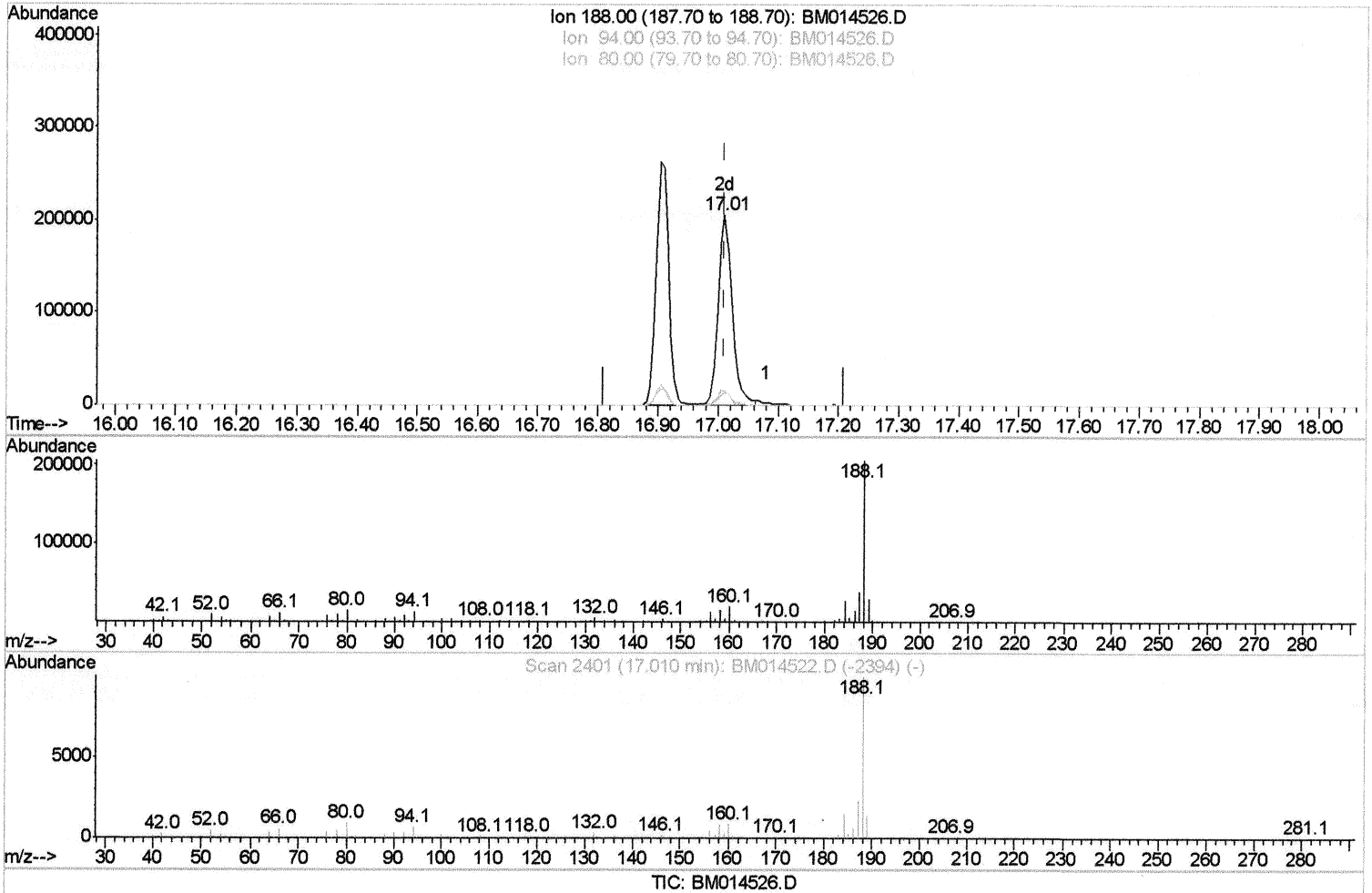
0.008

0.008

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM031218\
 Data File : BM014526.D
 Acq On : 12 Mar 2018 20:22
 Operator : SJ/JU
 Sample : J1813-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 13 04:23:52 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 13 02:49:59 2018
 Response via : Initial Calibration



(70) Anthracene-d10 (S)

17.009min (-0.000) 18.40ng/ul m

response 335544

JU 3/16/18

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Manual Integrations

#09 7.46

00 F6F33

ClientSampled :

BNA_M

Instrument :

(OT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM031218\
Data File : BM014526.D
Acq On : 12 Mar 2018 20:22
Operator : SJ/JU
Sample : J1813-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 13 04:24:46 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 13 02:49:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	55368	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	235287	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.14	164	146006	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.90	188	377975m	20.00	ng/ul	0.00
75) Chrysene-d12	21.13	240	485023	20.00	ng/ul	0.00
83) Perylene-d12	23.29	264	488126	20.00	ng/ul	0.00

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System Monitoring Compounds

3)	1,4-Dioxane-d8	3.05	96	3370m	2.61	ng/uL	0.00
5)	Phenol-d5	6.69	99	73785m	15.77	ng/ul	0.00
7)	Bis-(2-Chloroethyl) ether-d	6.83	67	45338m	16.01	ng/ul	0.00
9)	2-Chlorophenol-d4	7.02	132	56498	15.75	ng/ul	0.00
13)	4-Methylphenol-d8	8.22	113	56168m	13.72	ng/ul	0.00
19)	Nitrobenzene-d5	8.65	128	29800	17.14	ng/ul	0.00
22)	2-Nitrophenol-d4	9.36	143	35104m	19.51	ng/ul	0.00
26)	2,4-Dichlorophenol-d3	9.92	165	57351	15.39	ng/ul	0.02
29)	4-Chloroaniline-d4	10.43	131	68566m	18.67	ng/ul	0.01
43)	Dimethylphthalate-d6	13.57	166	251361	20.85	ng/ul	0.00
46)	Acenaphthylene-d8	13.83	160	278016	18.70	ng/ul	0.00
51)	4-Nitrophenol-d4	14.47	143	26956m	16.19	ng/ul	0.01
57)	Fluorene-d10	15.15	176	198192	18.35	ng/ul	0.00
62)	4,6-Dinitro-2-methylphenol	15.34	200	29838m	13.16	ng/ul	0.02
70)	Anthracene-d10	17.01	188	335544m	18.40	ng/ul	0.00
76)	Pyrene-d10	19.32	212	419840	16.78	ng/ul	0.00
87)	Benzo(a)pyrene-d12	23.16	264	444717	18.72	ng/ul	0.00

2 103/16/18

103/16/18

50 3/16/18

10 3/16/18

50 3/16/8

> 10 3/16/18

Target Compounds

Target Compounds					Ovalue
14) Acetophenone	8.32	105	11689	1.655 nα/ul#	90
44) Dimethylphthalate	13.62	163	48562	4.084 nα/ul#	98

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

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Manual Integrations

F-6F-33

ClientSampleId :

BNA_M

Instrument: