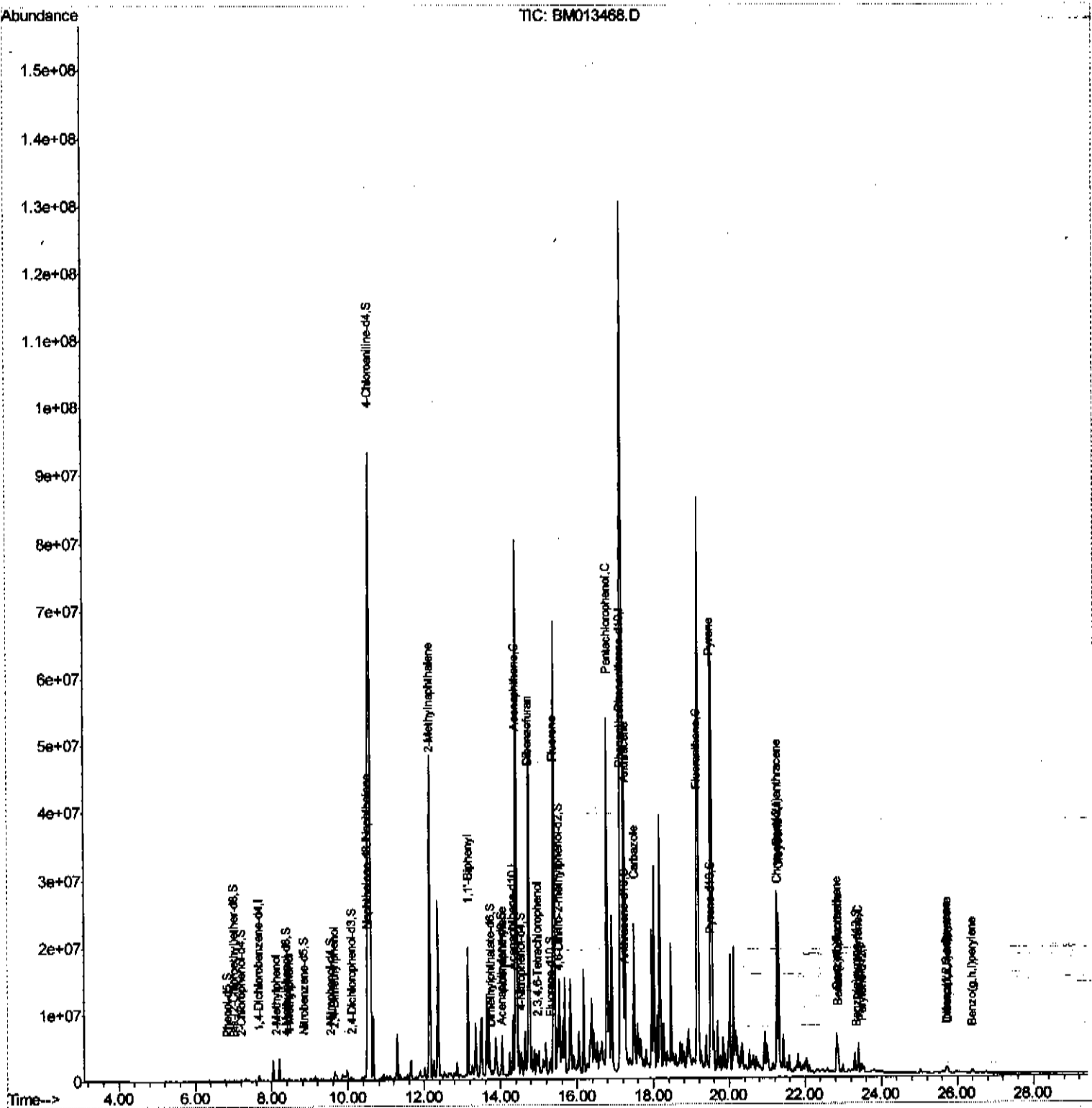


Data Path : Z:\HPCHEM1\BNA_M\Data\BM121517\
Data File : BM013468.D
Acq On : 16 Dec 2017 08:48
Operator : SJ/JU
Sample : I6775-07 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A10

Manual Integrations
APPROVED
Sohil
12/18/2017 2:09:57 PM

Quant Time: Dec 18 10:56:28 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration



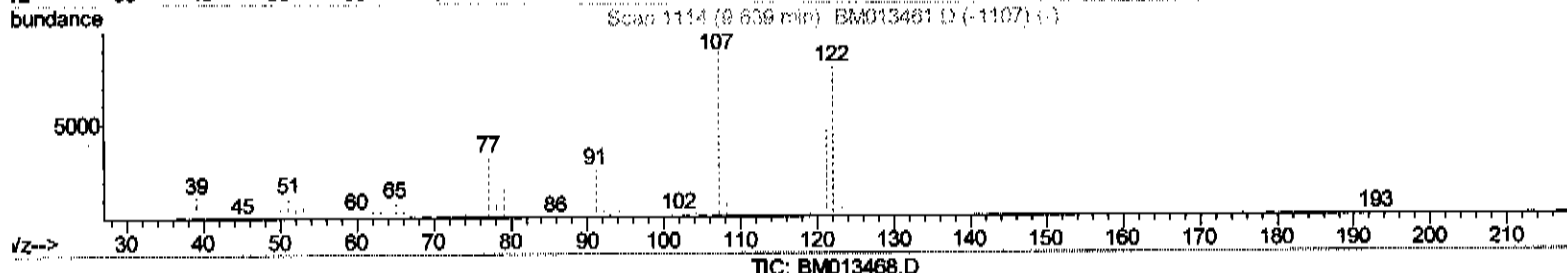
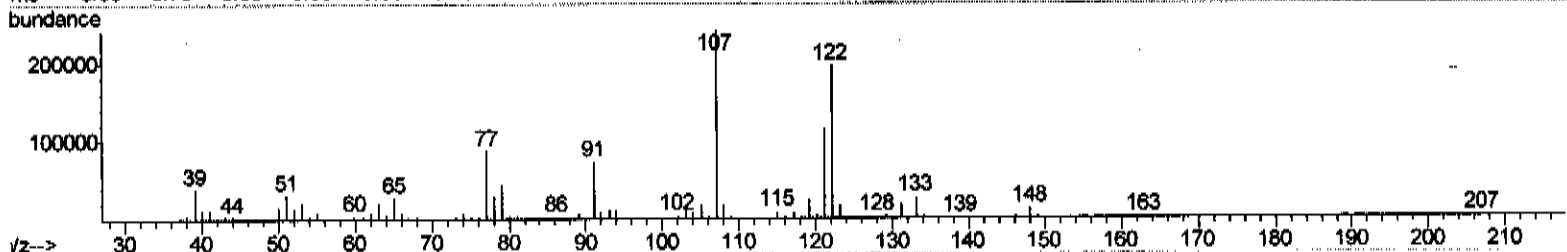
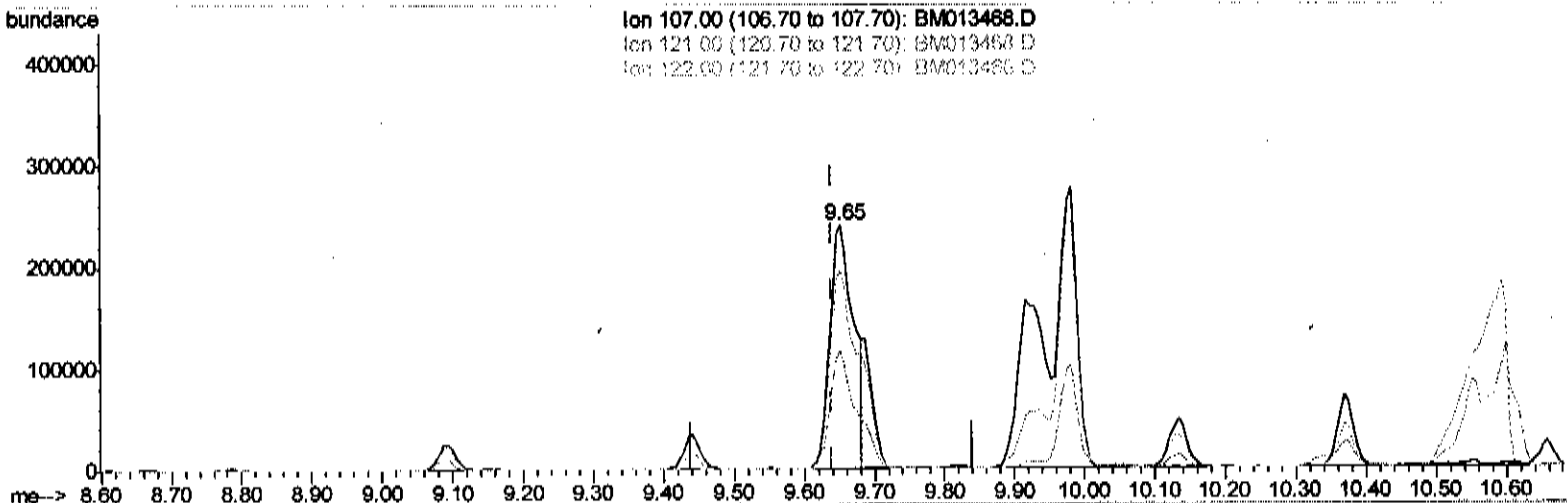
Data File : BM013468.D
Acq On : 16 Dec 2017 08:48
Operator : SJ/JU
Sample : I6775-07 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
F9A10

Manual Integrations
APPROVED

Sohil
12/18/2017 2:09:57 PM

Quant Time: Dec 18 00:28:55 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration



(24) 2,4-Dimethylphenol

9.652min (+0.012) 25.03ng/ul

response 568442

Ion	Exp%	Act%
107.00	100	100
121.00	39.90	48.31#
122.00	72.20	81.38
0.00	0.00	0.00

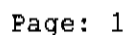
Quantitation Report (Qedit)

ALS Vial : 25 Sample Multiplier: 1

F9A10

Sohil
12/18/2017 2:09:57 PM

Response via : Initial Calibration



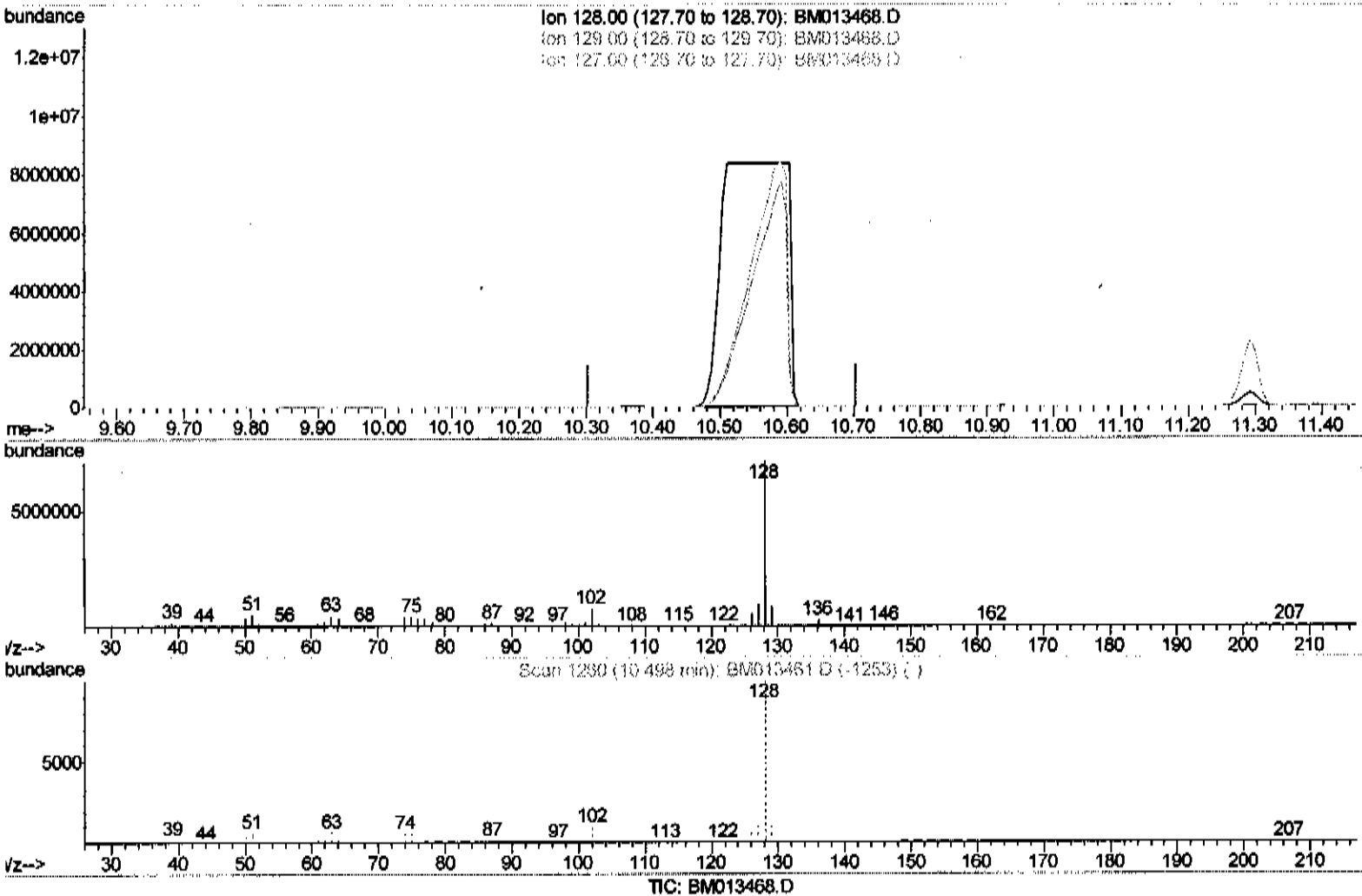
Data File : BM013468.D
 Acq On : 16 Dec 2017 08:48
 Operator : SJ/JU
 Sample : I6775-07 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 F9A10

Manual Integrations
 APPROVED

Sohil
 12/18/2017 2:09:57 PM

Quant Time: Dec 18 00:28:55 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 16 00:23:08 2017
 Response via : Initial Calibration



(28) Naphthalene

10.504min (-10.504) 0.00ng/ul

response 0

Ion	Exp%	Act%
128.00	100	0.00
129.00	11.00	0.00#
127.00	13.30	0.00#
0.00	0.00	0.00

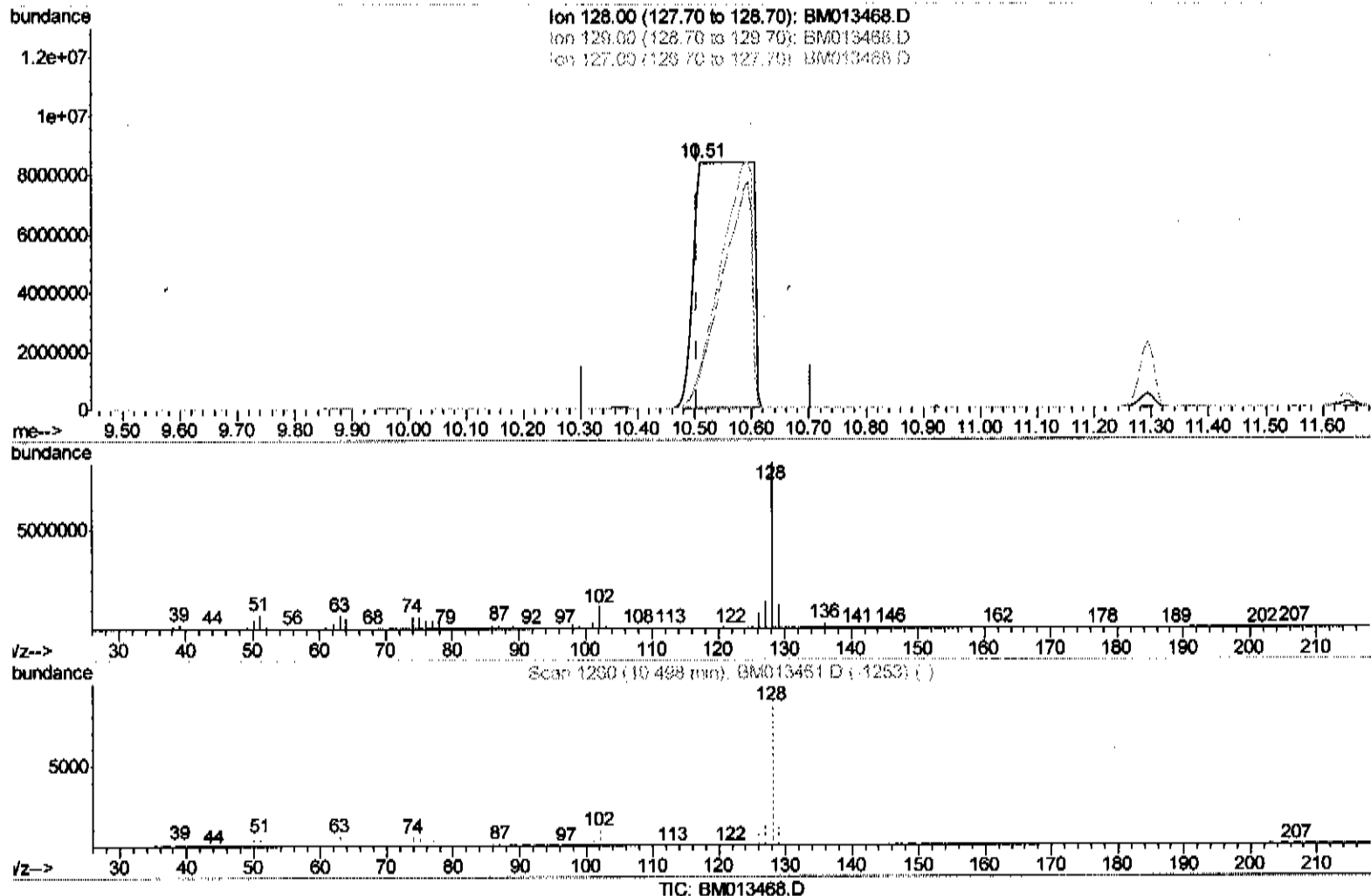
Data File : BM013468.D
Acq On : 16 Dec 2017 08:48
Operator : SJ/JU
Sample : I6775-07 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleID :
F9A10

Manual Integrations
APPROVED

Sohil
12/18/2017 2:09:57 PM

Quant Time: Dec 18 00:28:55 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration



(28) Naphthalene

10.510min (+0.006) 928.13ng/ul m SJ 12/18/17

response 56298487

Ion	Exp%	Act%
128.00	100	100
129.00	11.00	14.28#
127.00	13.30	16.50#
0.00	0.00	0.00

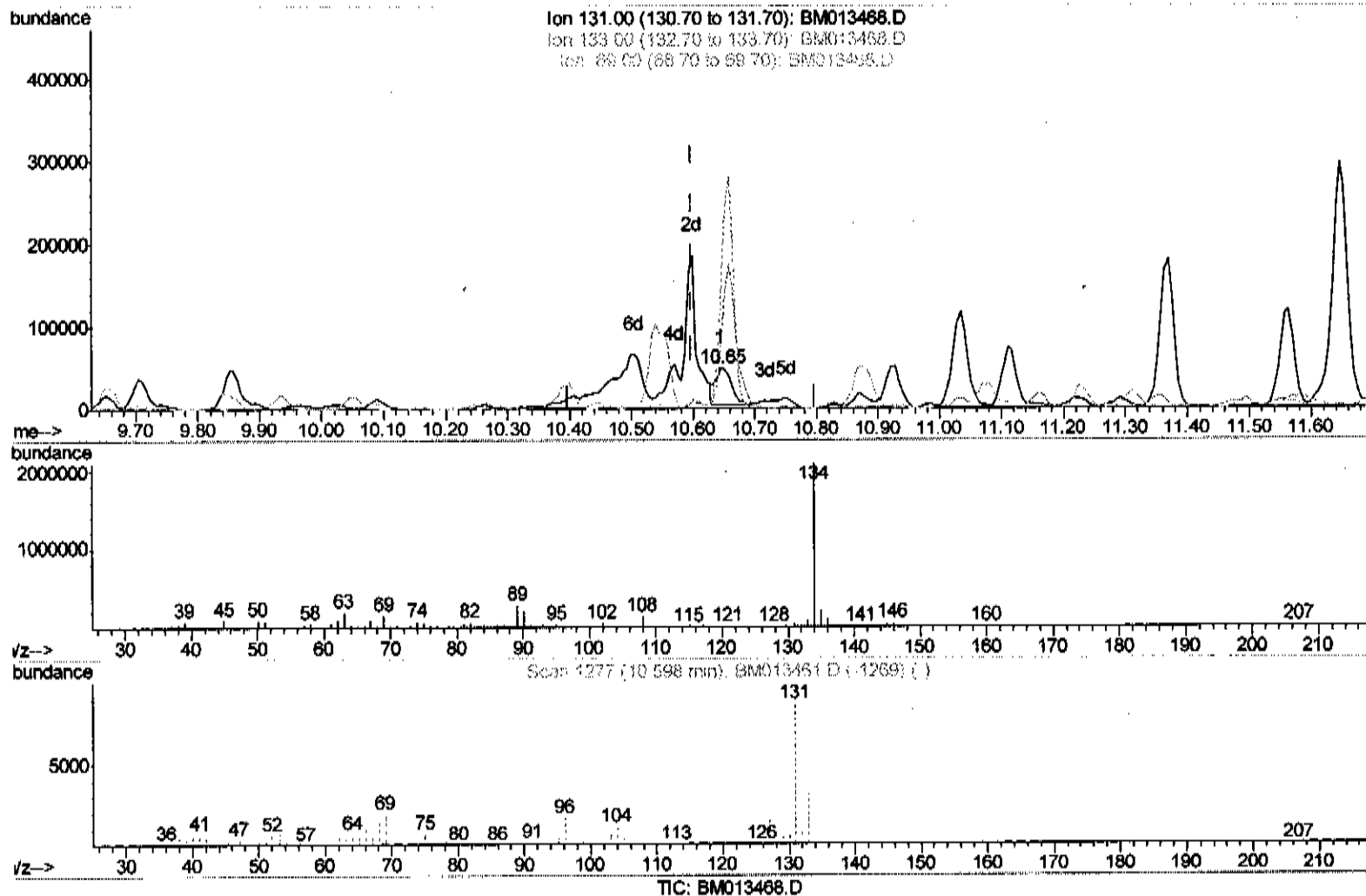
Data File : BM013468.D
Acq On : 16 Dec 2017 08:48
Operator : SJ/JU
Sample : I6775-07 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A10

Manual Integrations
APPROVED

Sohil
12/18/2017 2:09:57 PM

Quant Time: Dec 18 00:28:55 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration



(29) 4-Chloroaniline-d4 (S)

10.646min (+0.047) 4.23ng/ul

response 80170

Ion	Exp%	Act%
131.00	100	100
133.00	31.40	162.72#
69.00	24.30	301.79#
0.00	0.00	0.00

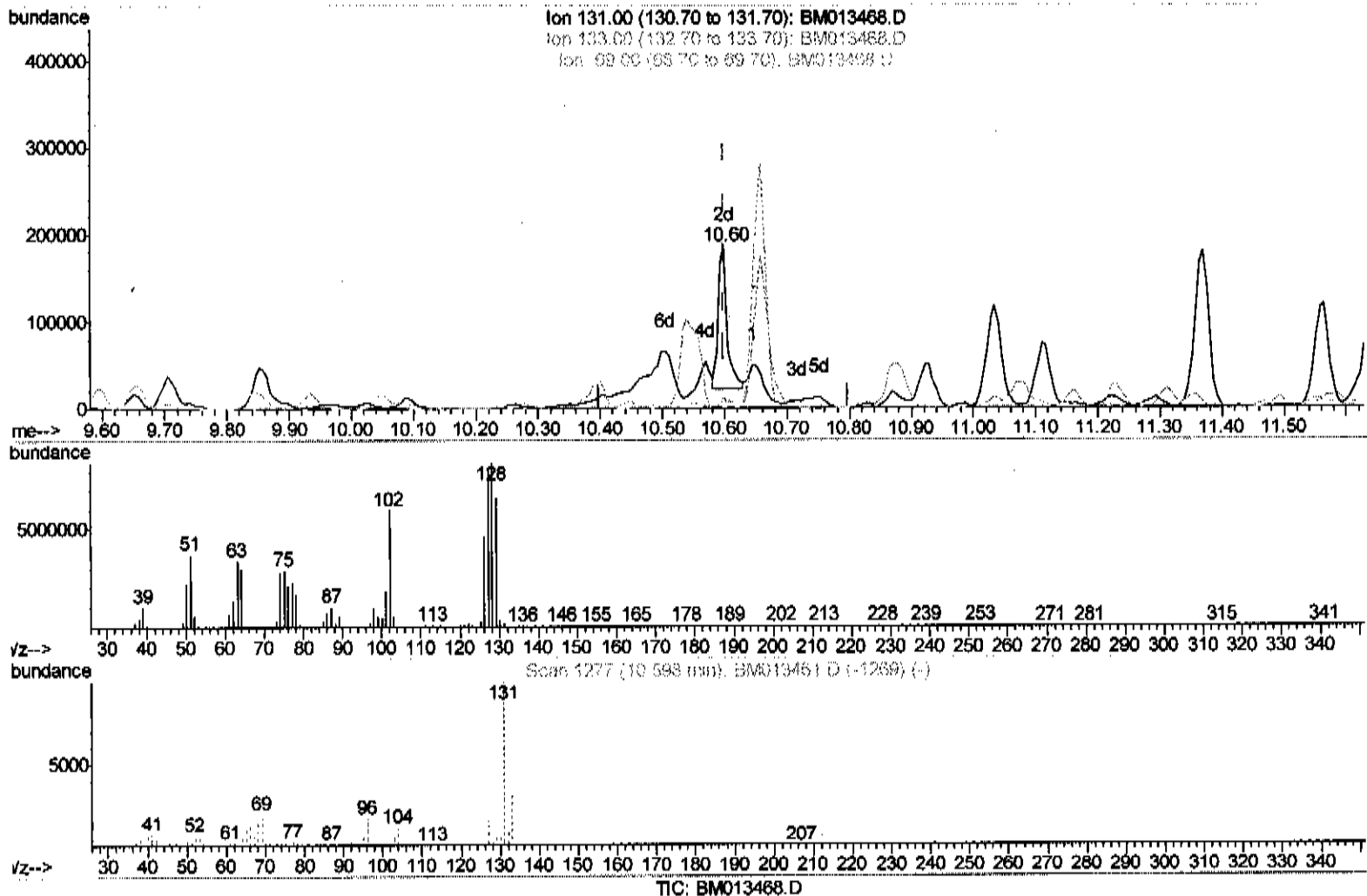
Data File : BM013468.D
Acq On : 16 Dec 2017 08:48
Operator : SJ/JU
Sample : I6775-07 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A10

Manual Integrations
APPROVED

Sohil
12/18/2017 2:09:57 PM

Quant Time: Dec 18 00:28:55 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration



(29) 4-Chloroaniline-d4 (S)

10.599min (+0.000) 8.64ng/ul m

SJ 12/18/17

response 163812

Ion	Exp%	Act%
131.00	100	100
133.00	31.40	5.98#
69.00	24.30	4.50#
0.00	0.00	0.00

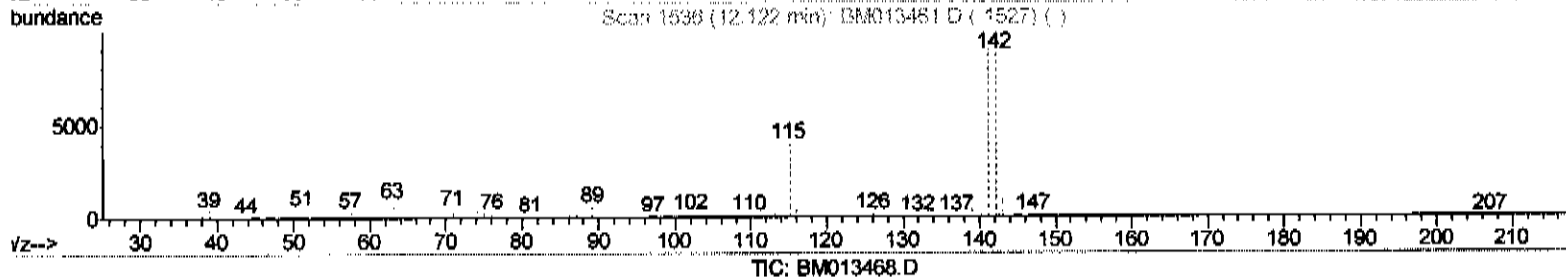
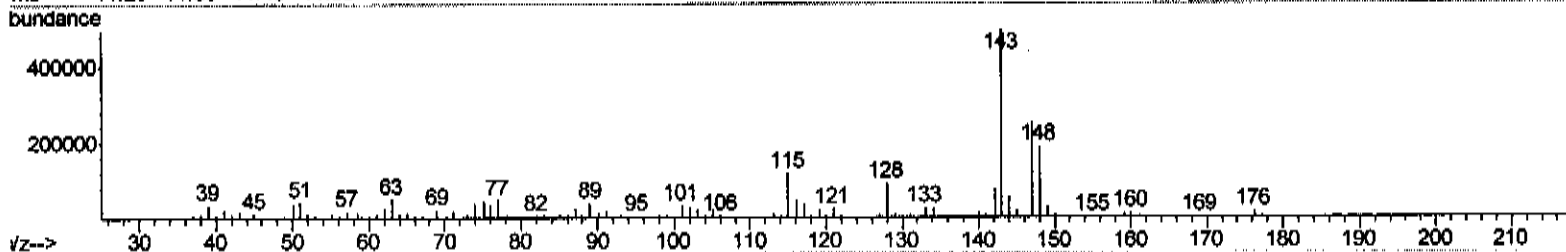
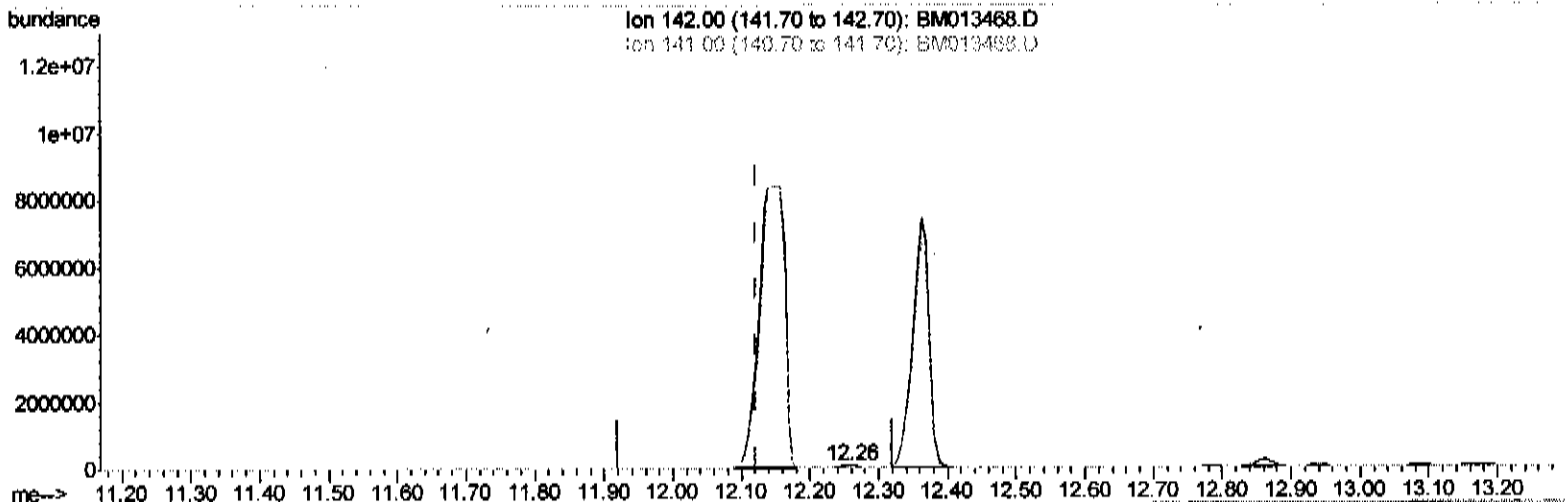
Data File : BM013468.D
Acq On : 16 Dec 2017 08:48
Operator : SJ/JU
Sample : I6775-07 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A10

Manual Integrations
APPROVED

Sohil
12/18/2017 2:09:57 PM

Quant Time: Dec 18 00:28:55 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration



(34) 2-Methylnaphthalene

12.257min (+0.136) 2.63ng/ul

response 119858

Ion	Exp%	Act%
142.00	100	100
141.00	92.60	13.40#
0.00	0.00	0.00
0.00	0.00	0.00

Data File : BM013468.D

Acq On : 16 Dec 2017 08:48

Operator : SJ/JU

Sample : I6775-07 5X

Misc :

ALS Vial : 25 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

F9A10

Manual Integrations
APPROVED

Sohil

12/18/2017 2:09:57 PM

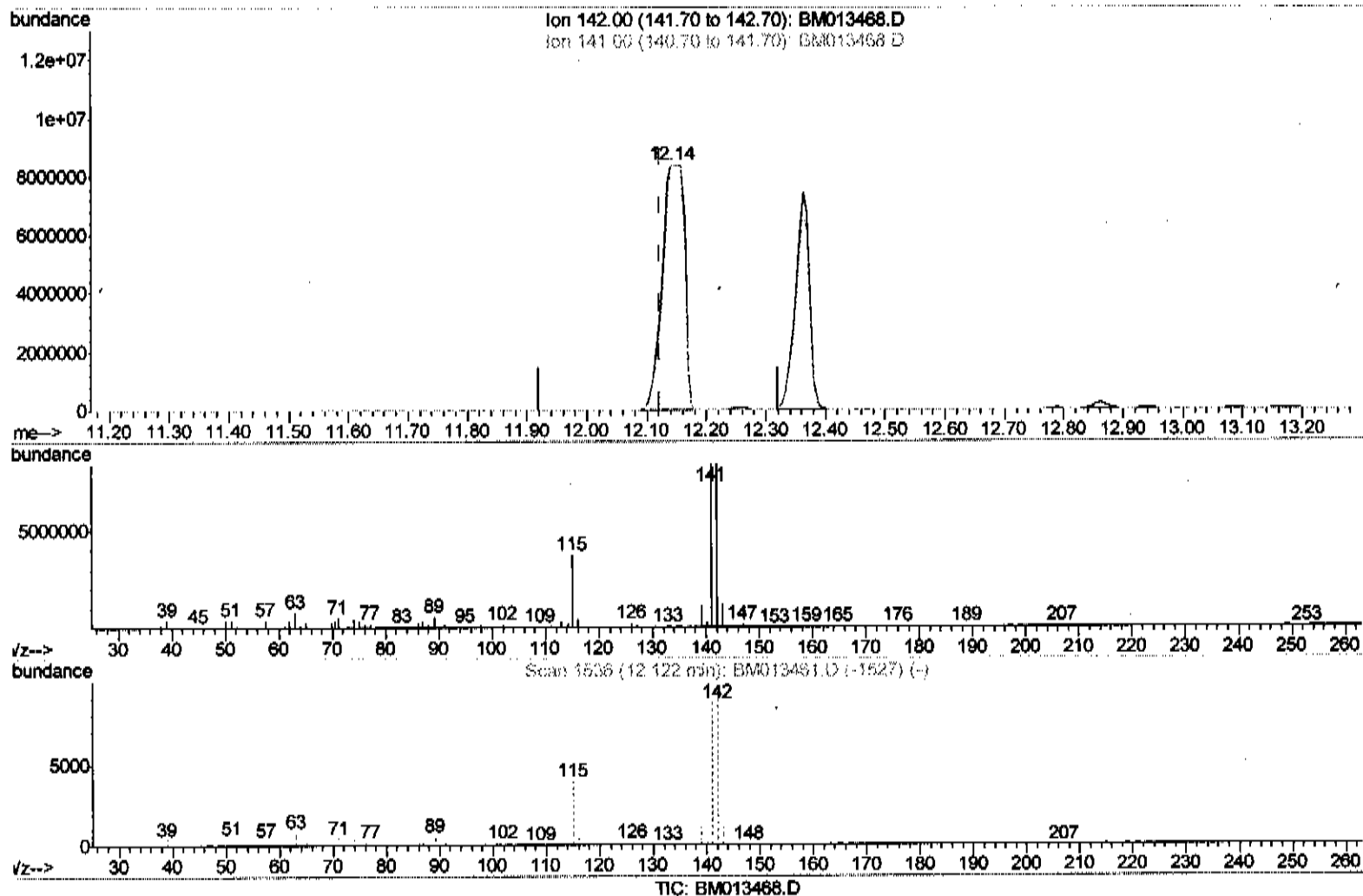
Quant Time: Dec 18 00:28:55 2017

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat Dec 16 00:23:08 2017

Response via : Initial Calibration



(34) 2-Methylnaphthalene

12.140min (+0.018) 477.71ng/ul m

response 21782932

Ion	Exp%	Act%
142.00	100	100
141.00	92.80	100.00
0.00	0.00	0.00
0.00	0.00	0.00

SJ 12/18/17

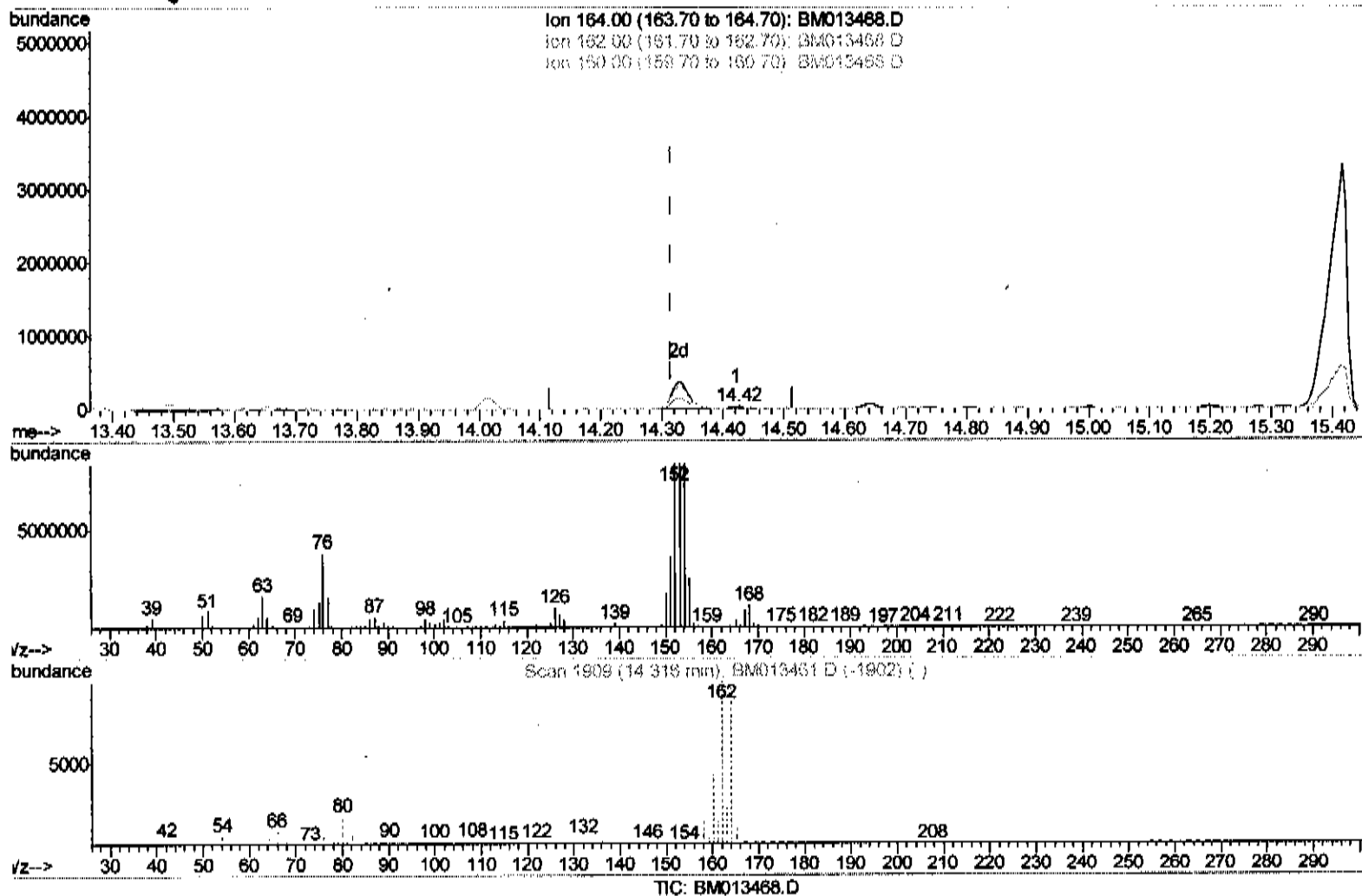
Data File : BM013468.D
Acq On : 16 Dec 2017 08:48
Operator : SJ/JU
Sample : I6775-07 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A10

Manual Integrations
APPROVED

Sohil
12/18/2017 2:09:57 PM

Quant Time: Dec 18 00:28:55 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration



(35) Acenaphthene-d10 (I)

14.422min (+0.106) 20.00ng/ul

response 44952

Ion	Exp%	Act%
164.00	100	100
162.00	101.60	33.33#
160.00	46.70	9.12#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\

Quantitation Report (Qedit)

Data File : BM013468.D

Acq On : 16 Dec 2017 08:48

Operator : SJ/JU

Sample : I6775-07 5X

Misc :

ALS Vial : 25 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

F9A10

Manual Integrations
APPROVED

Sohil

12/18/2017 2:09:57 PM

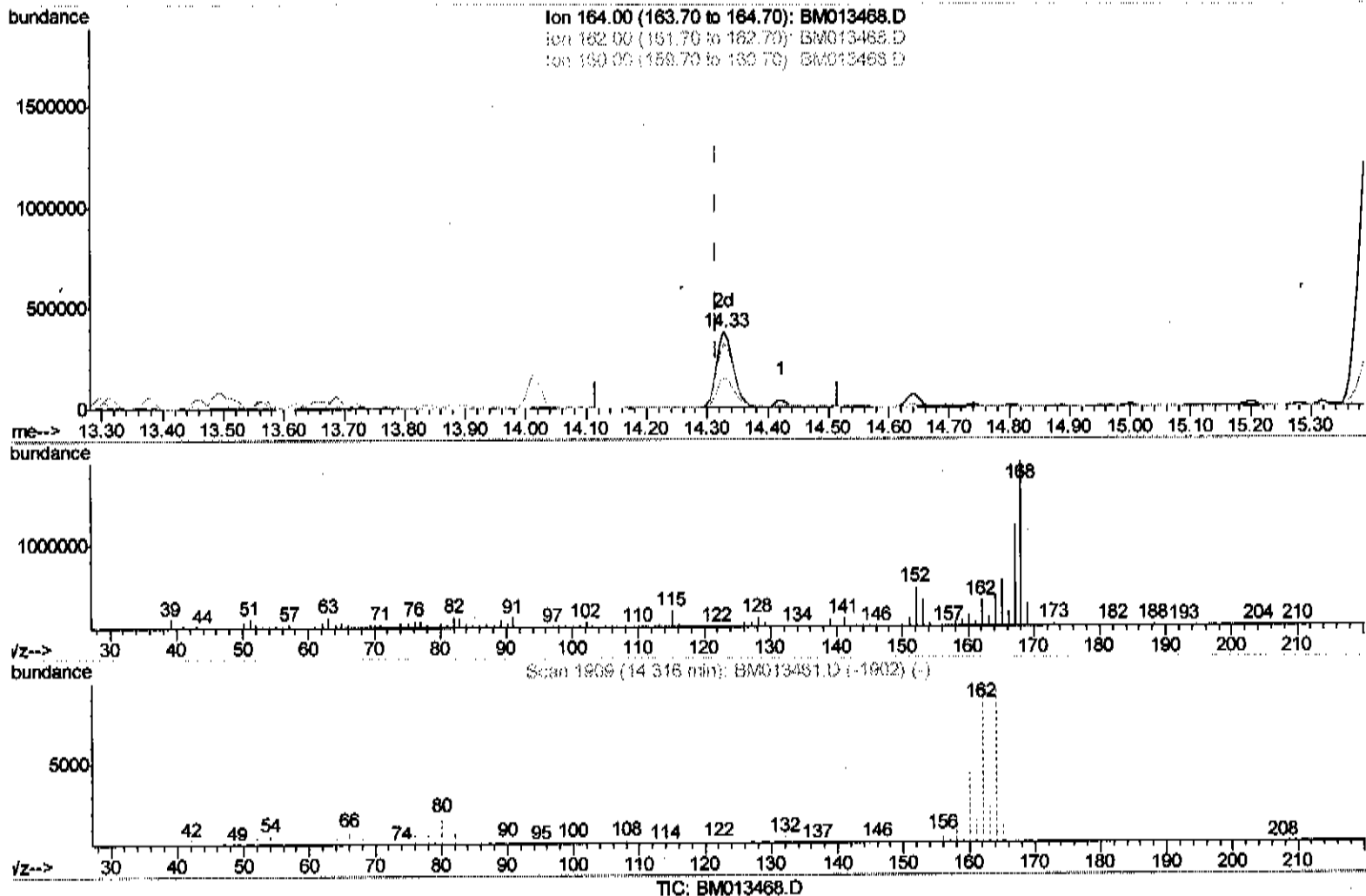
Quant Time: Dec 18 00:28:55 2017

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat Dec 16 00:23:08 2017

Response via : Initial Calibration



(35) Acenaphthene-d10 (I)

14.328min (+0.012) 20.00ng/ul m

SJ 12/18/17

response 718888

Ion	Exp%	Act%
164.00	100	100
162.00	101.60	84.12
160.00	46.70	37.31#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\
Quantitation Report (Qedit)

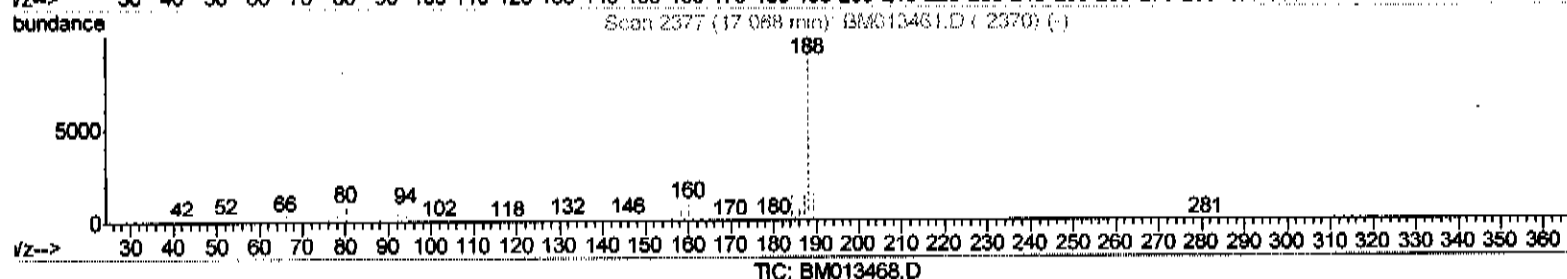
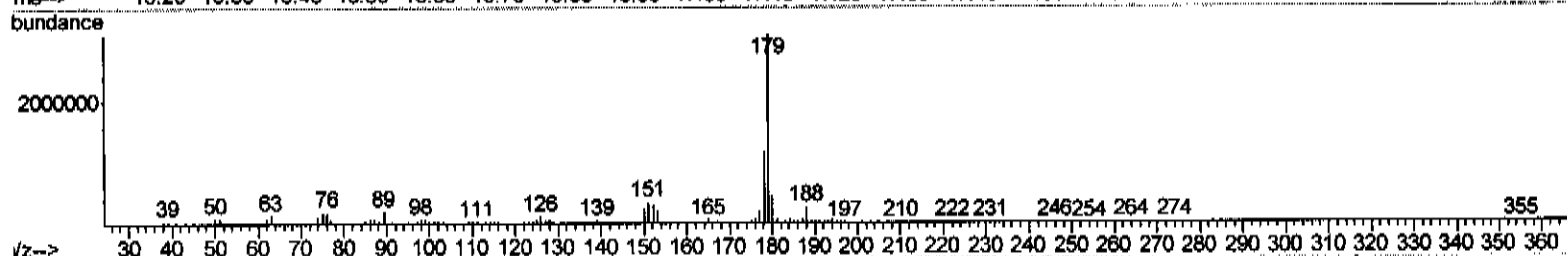
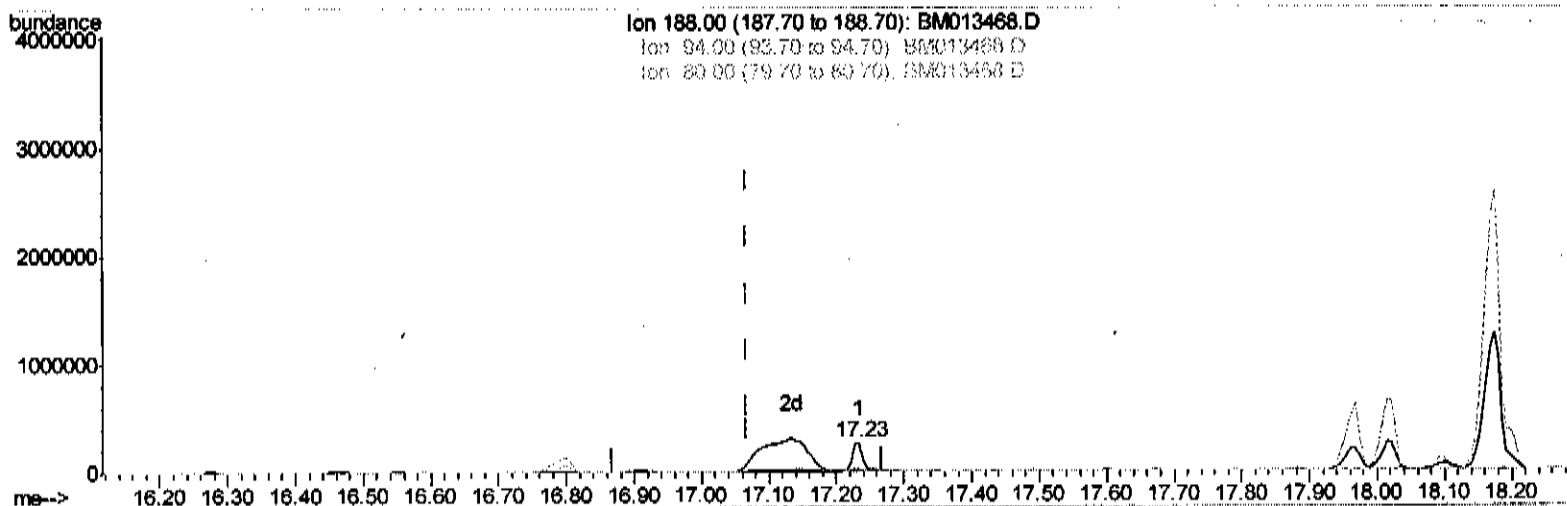
Data File : BM013468.D
Acq On : 16 Dec 2017 08:48
Operator : SJ/JU
Sample : I6775-07 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
F9A10

Manual Integrations
APPROVED

Sohil
12/18/2017 2:09:57 PM

Quant Time: Dec 18 00:28:55 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration



TIC: BM013468.D

(61) Phenanthrene-d10 (I)

17.233min (+0.165) 20.00ng/ul

response 265935

Ion	Exp%	Act%
188.00	100	100
94.00	5.50	9.18#
80.00	6.60	9.05#
0.00	0.00	0.00

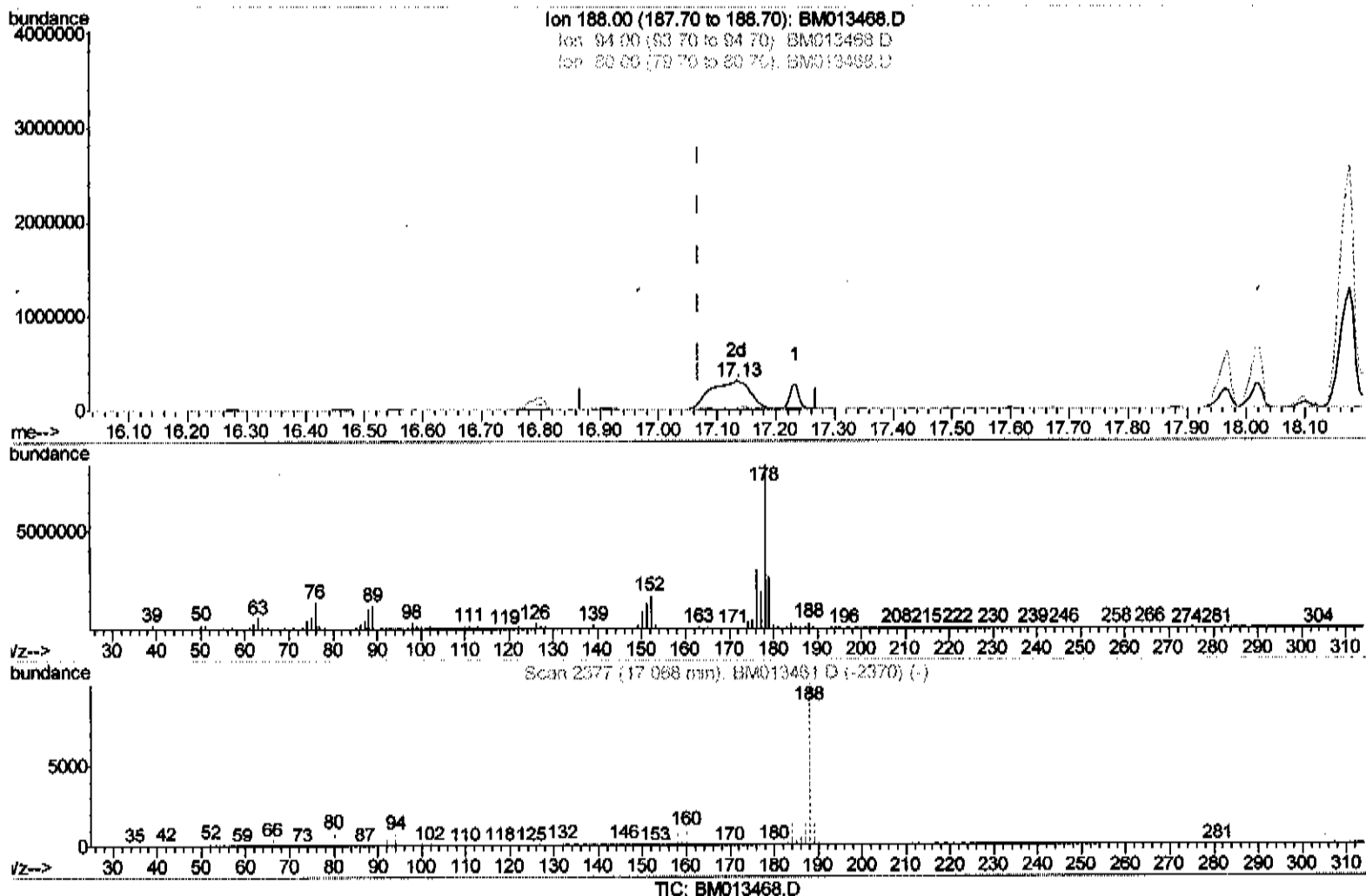
Data File : BM013468.D
Acq On : 16 Dec 2017 08:48
Operator : SJ/JU
Sample : I6775-07 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A10

Manual Integrations
APPROVED

Sohil
12/18/2017 2:09:57 PM

Quant Time: Dec 18 00:28:55 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration



(61) Phenanthrene-d10 (I)

17.134min (+0.065) 20.00ng/ul m

response 1420673

Ion	Exp%	Act%
188.00	100	100
94.00	5.50	8.80#
80.00	6.60	9.51#
0.00	0.00	0.00

SJ 12/18/17

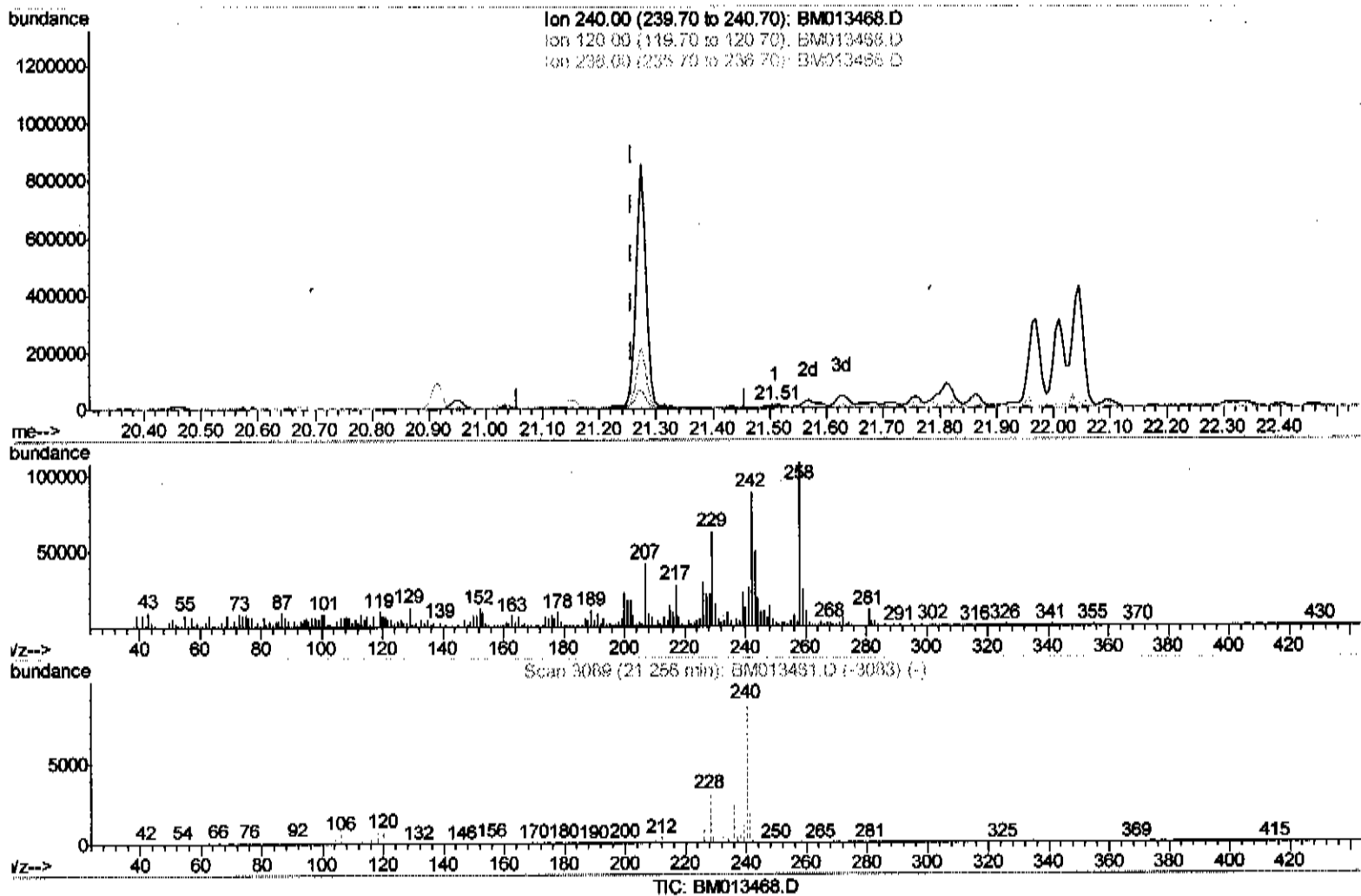
Data File : BM013468.D
Acq On : 16 Dec 2017 08:48
Operator : SJ/JU
Sample : I6775-07 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
F9A10

Manual Integrations
APPROVED

Sohil
12/18/2017 2:09:57 PM

Quant Time: Dec 18 00:28:55 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration



(75) Chrysene-d12 (I)

21.510min (+0.253) 20.00ng/ul

response 13024

Ion	Exp%	Act%
240.00	100	100
120.00	4.60	121.86#
236.00	24.80	10.15#
0.00	0.00	0.00

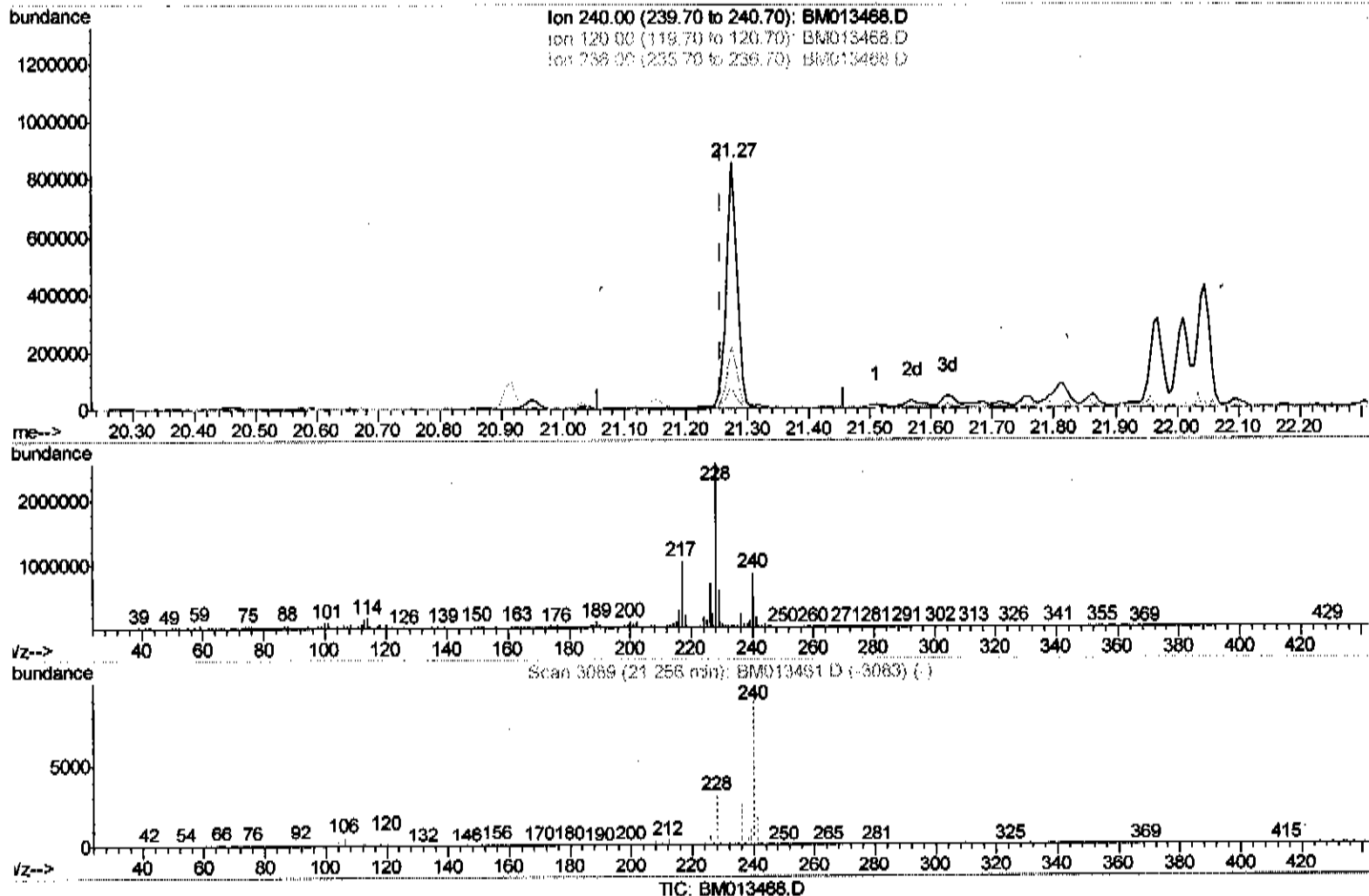
Data File : BM013468.D
Acq On : 16 Dec 2017 08:48
Operator : SJ/JU
Sample : I6775-07 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
F9A10

Manual Integrations
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Sohil
12/18/2017 2:09:57 PM

Quant Time: Dec 18 00:28:55 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration



(75) Chrysene-d12 (I)

21.274min (+0.018) 20.00ng/ul m

SJ 12/18/17

response 1052448

Ion	Exp%	Act%
240.00	100	100
120.00	4.60	7.78#
236.00	24.80	25.07
0.00	0.00	0.00

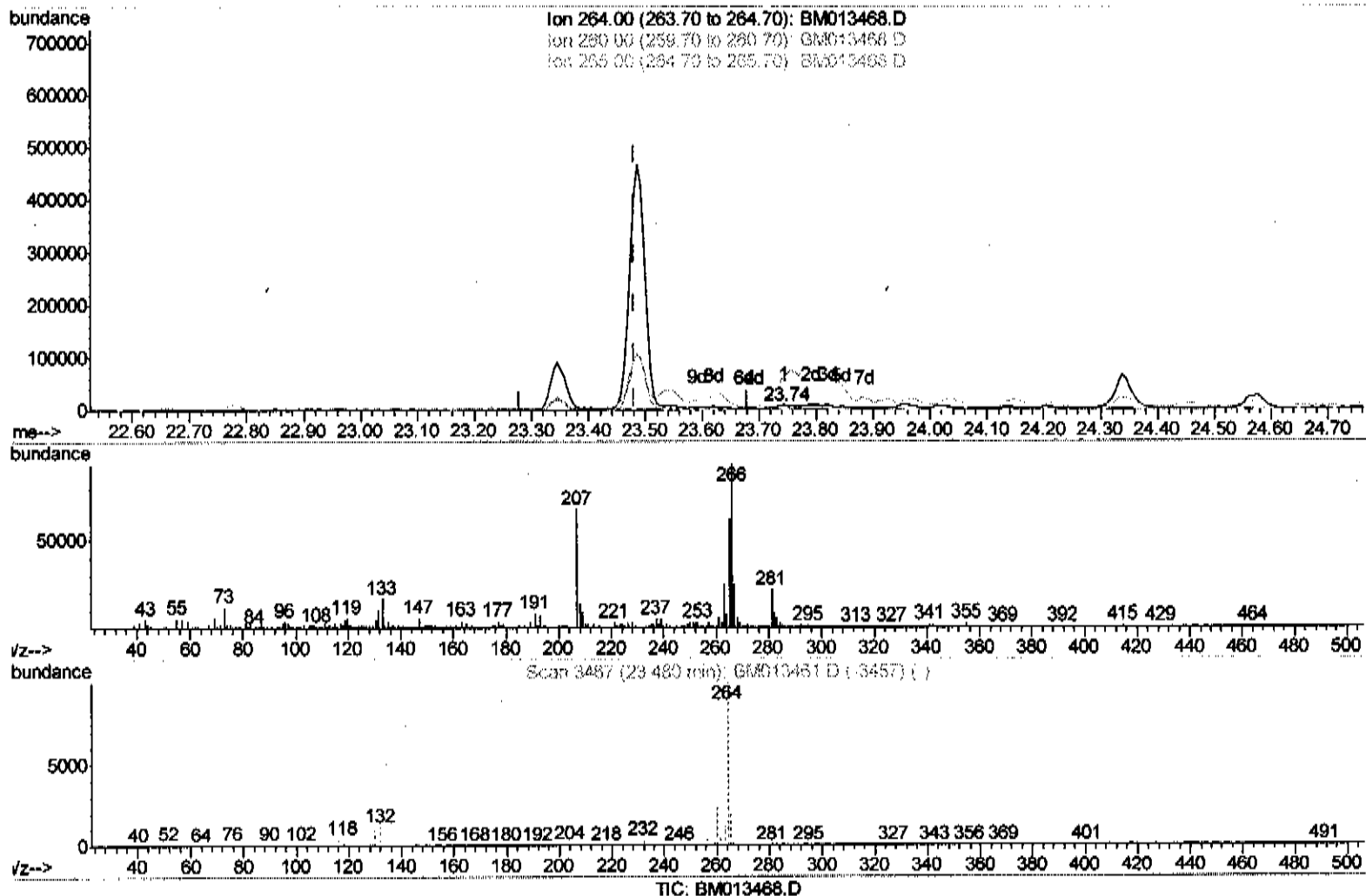
Data File : BM013468.D
Acq On : 16 Dec 2017 08:48
Operator : SJ/JU
Sample : I6775-07 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A10

Manual Integrations
APPROVED

Sohil
12/18/2017 2:09:57 PM

Quant Time: Dec 18 00:28:55 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration



(83) Perylene-d12 (I)

23.745min (+0.265) 20.00ng/ul

response 16831

Ion	Exp%	Act%
264.00	100	100
260.00	24.20	13.15#
265.00	22.50	746.22#
0.00	0.00	0.00

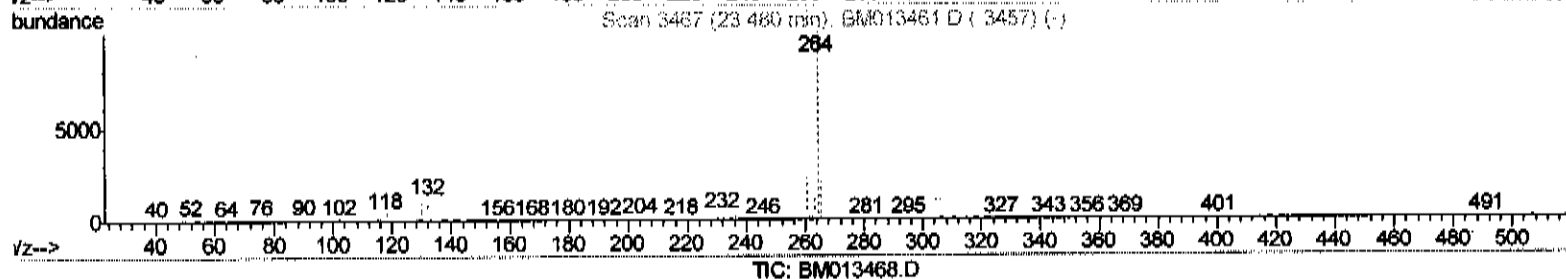
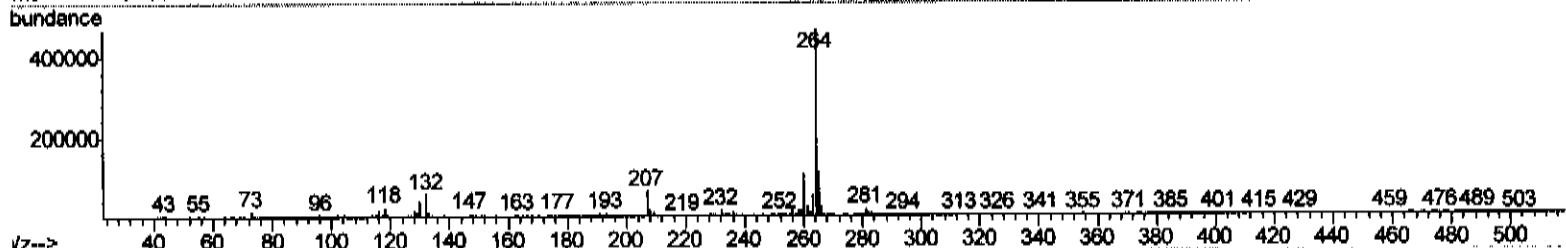
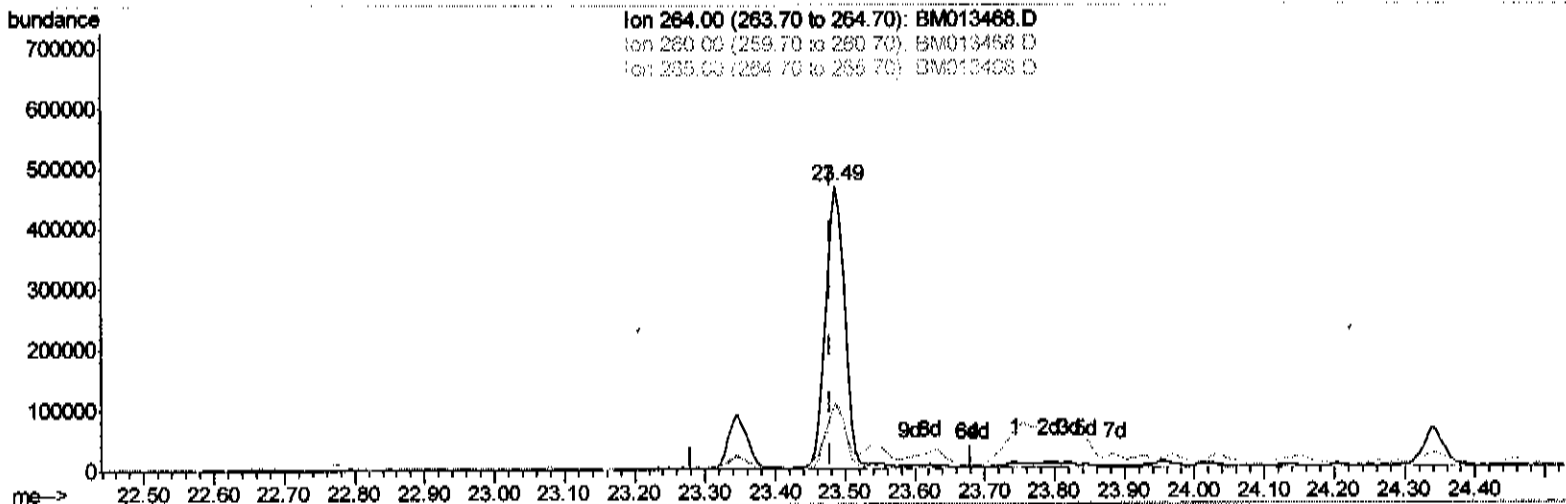
Data File : BM013468.D
Acq On : 16 Dec 2017 08:48
Operator : SJ/JU
Sample : I6775-07 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A10

Manual Integrations
APPROVED

Sohil
12/18/2017 2:09:57 PM

Quant Time: Dec 18 00:28:55 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration



(83) Perylene-d12 (I)

23.486min (+0.006) 20.00ng/ul m

SJ 12/18/17

response 882032

Ion	Exp%	Act%
264.00	100	100
260.00	24.20	22.74
265.00	22.50	23.29
0.00	0.00	0.00

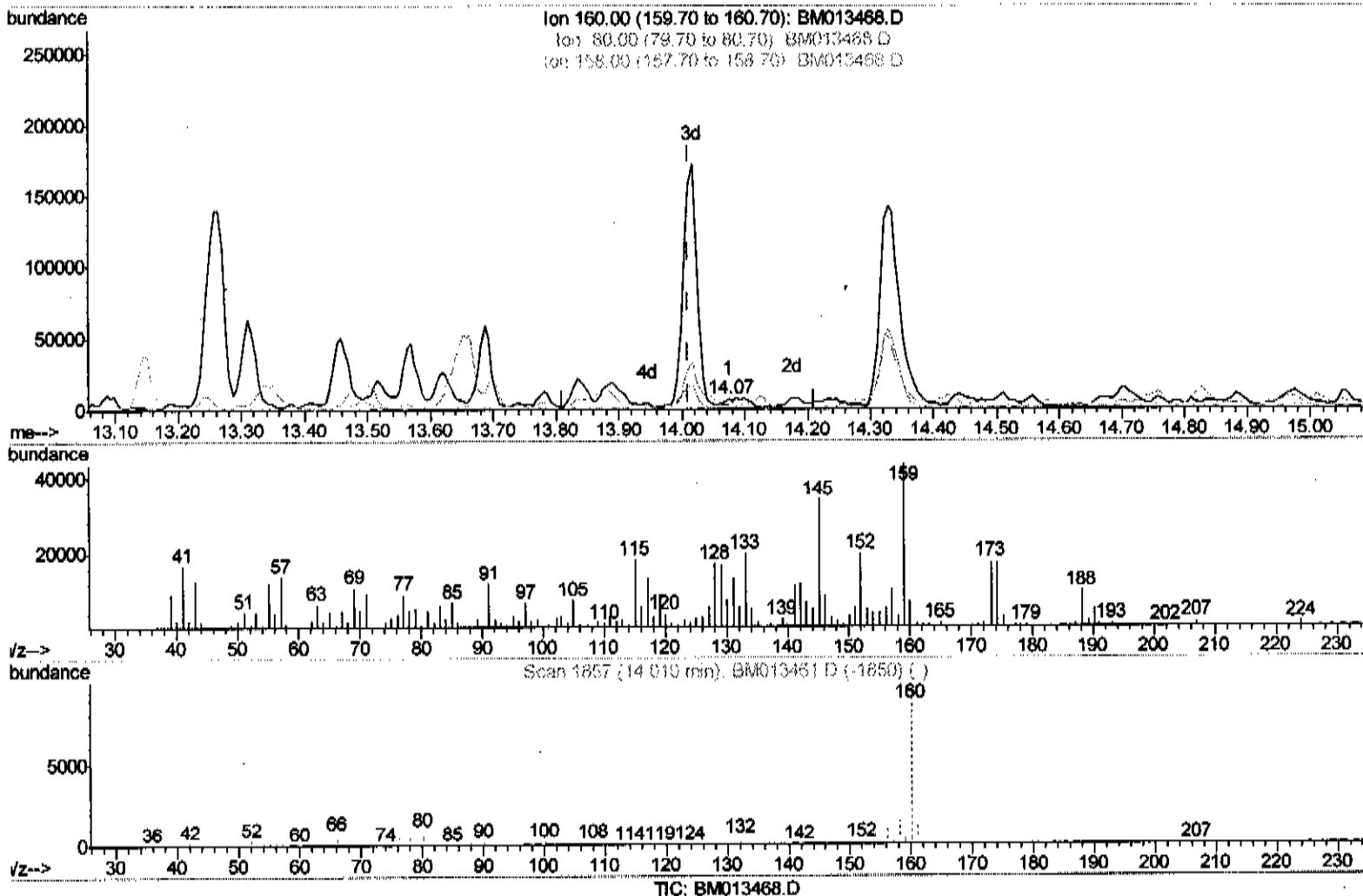
Data File : BM013468.D
Acq On : 16 Dec 2017 08:48
Operator : SJ/JU
Sample : I6775-07 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A10

Manual Integrations
APPROVED

Sohil
12/18/2017 2:09:57 PM

Quant Time: Dec 18 01:25:12 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration



(48) Acenaphthylene-d8 (S)

14.075min (+0.065) 0.05ng/ul

response 3998

Ion	Exp%	Act%
160.00	100	100
80.00	8.10	12.17#
158.00	15.10	44.27#
0.00	0.00	0.00

Data File : BM013468.D

Acq On : 16 Dec 2017 08:48

Operator : SJ/JU

Sample : I6775-07 5X

Misc :

ALS Vial : 25 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampled :

F9A10

Manual Integrations
APPROVED

Sohil

12/18/2017 2:09:57 PM

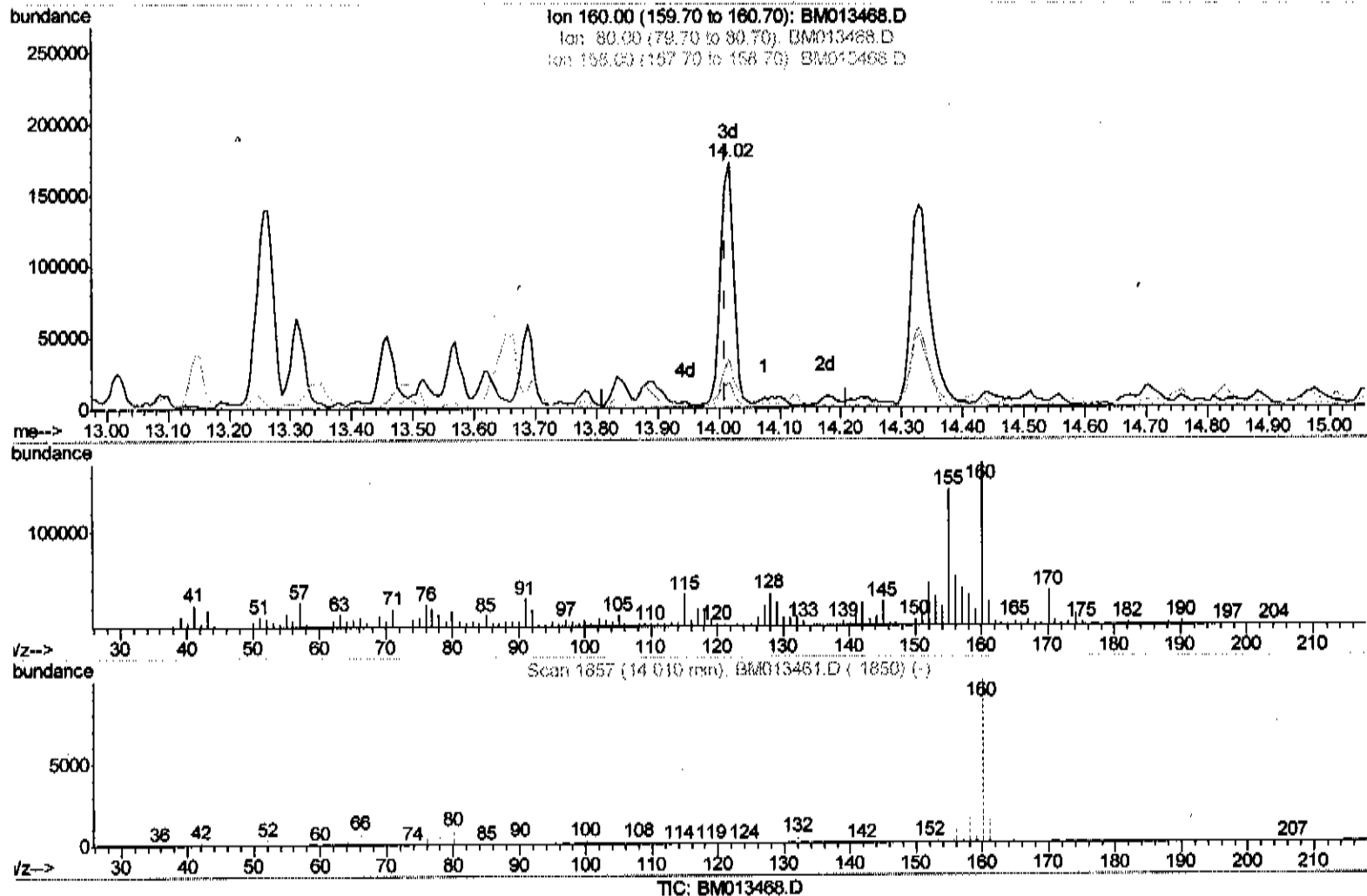
Quant Time: Dec 18 01:25:12 2017

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat Dec 16 00:23:08 2017

Response via : Initial Calibration



(46) Acenaphthylene-d8 (S)

14.016min (+0.008) 3.36ng/ul m

response 265502

Ion	Exp%	Act%
160.00	100	100
80.00	8.10	10.06#
158.00	15.10	19.69#
0.00	0.00	0.00

SJ 12/18/17

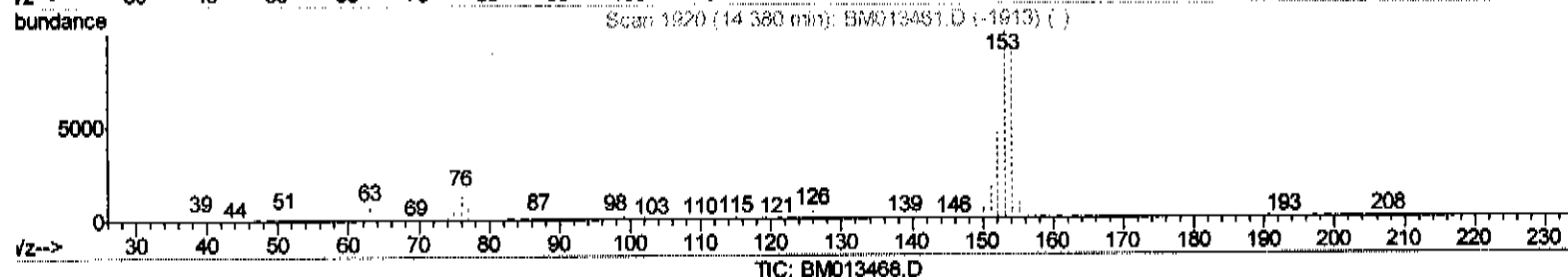
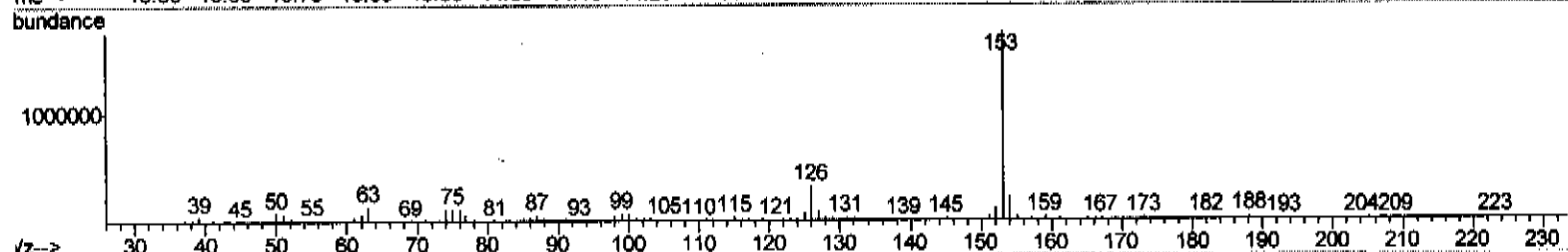
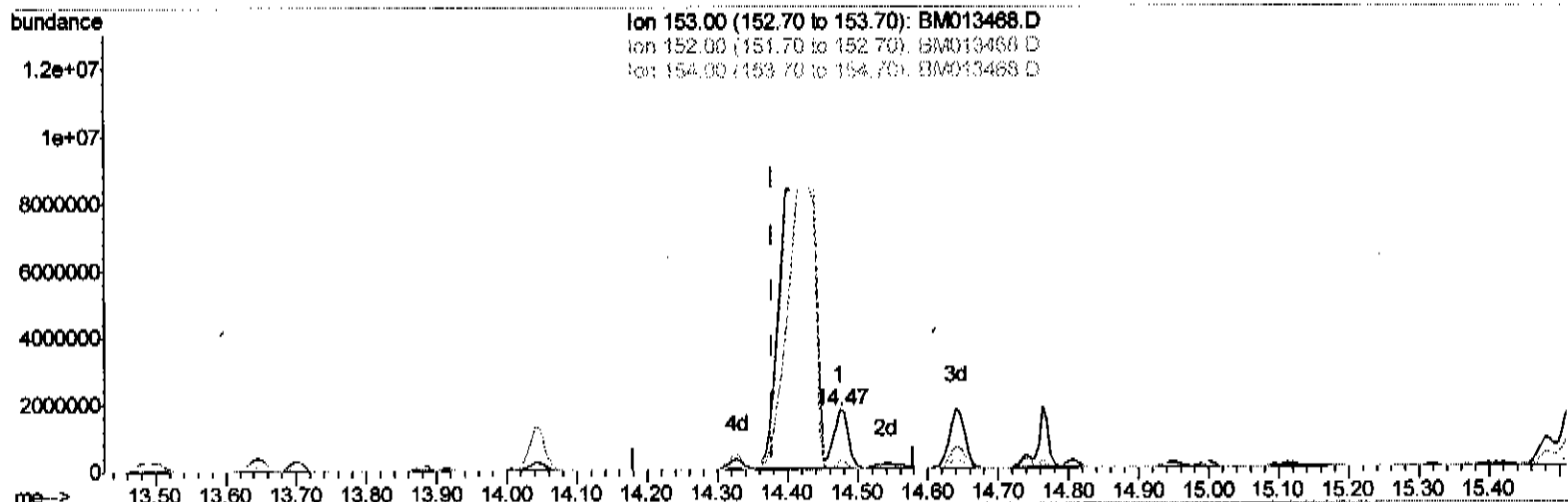
Data File : BM013468.D
Acq On : 16 Dec 2017 08:48
Operator : SJ/JU
Sample : I6775-07 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
F9A10

Manual Integrations
APPROVED

Sohil
12/18/2017 2:09:57 PM

Quant Time: Dec 18 01:25:12 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration



(48) Acenaphthene (C)

14.475min (+0.094) 51.06ng/ul

response 2540914

Ion	Exp%	Act%
153.00	100	100
152.00	47.00	6.41#
154.00	88.00	12.34#
0.00	0.00	0.00

Data File : BM013468.D

Acq On : 16 Dec 2017 08:48

Operator : SJ/JU

Sample : I6775-07 5X

Misc :

ALS Vial : 25 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampled :

F9A10

Manual Integrations
APPROVED

Sohil

12/18/2017 2:09:57 PM

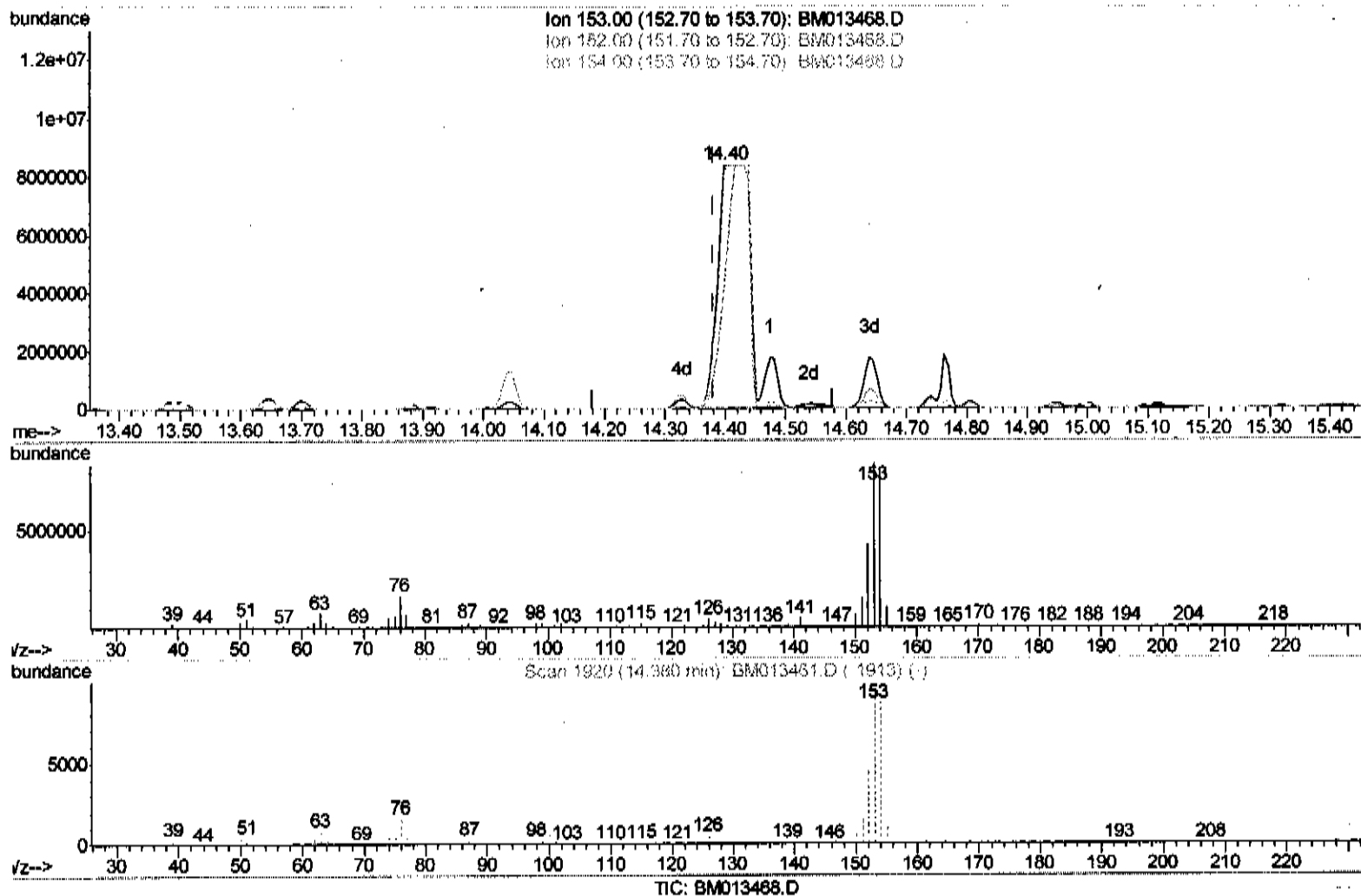
Quant Time: Dec 18 01:25:12 2017

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat Dec 16 00:23:08 2017

Response via : Initial Calibration



(49) Acenaphthene (C)

14.398min (+0.018) 602.43ng/ul m

response 29980667

Ion	Exp%	Act%
153.00	100	100
152.00	47.00	50.87
154.00	88.00	97.18
0.00	0.00	0.00

SJ 12/18/17

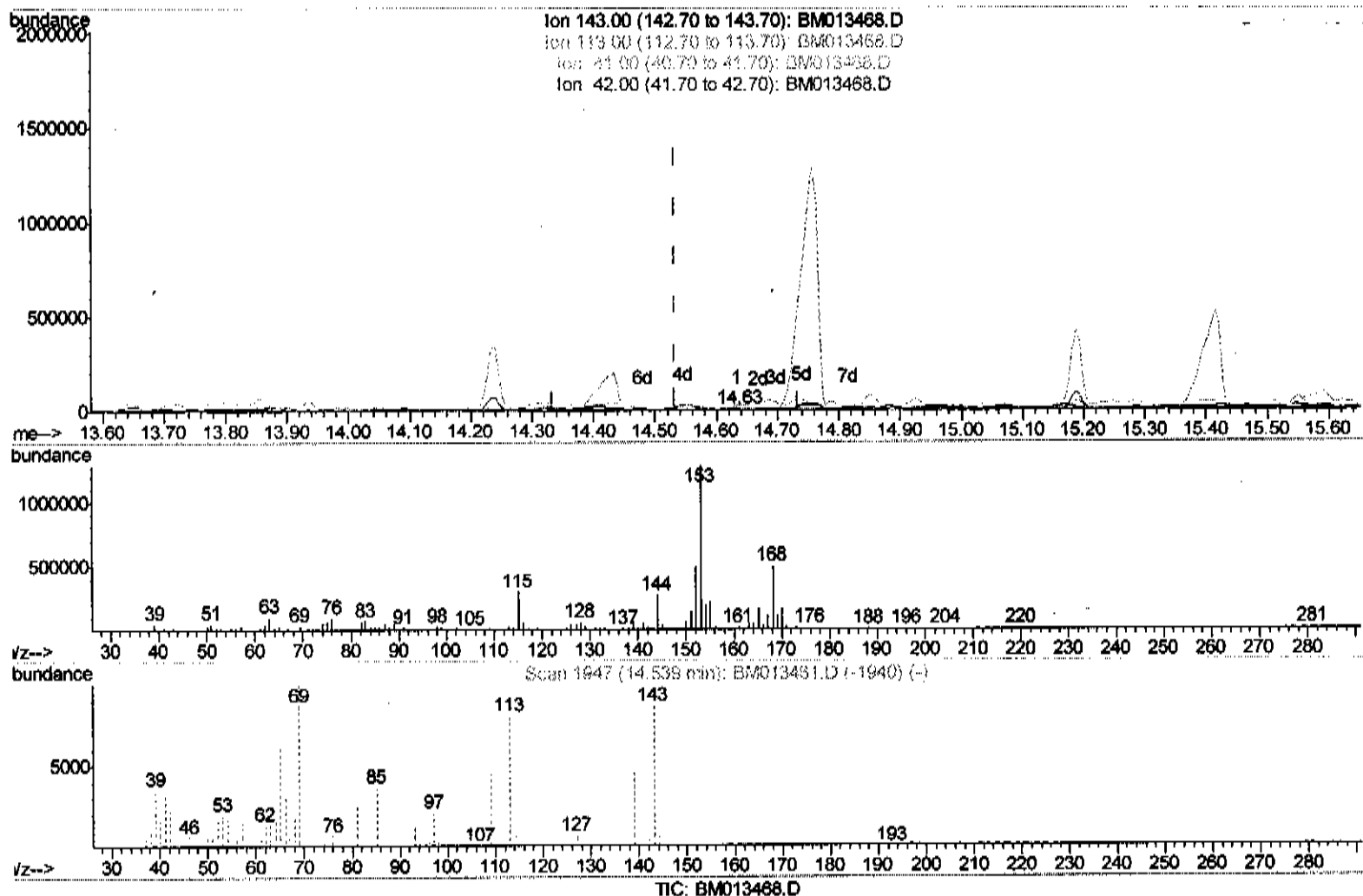
Data File : BM013468.D
Acq On : 16 Dec 2017 08:48
Operator : SJ/JU
Sample : I6775-07 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A10

Manual Integrations
APPROVED

Sohil
12/18/2017 2:09:57 PM

Quant Time: Dec 18 01:25:12 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration



(51) 4-Nitrophenol-d4 (S)

14.634min (+0.100) 0.63ng/ul

response 7012

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	305.25#
41.00	34.80	210.46#
42.00	20.50	30.34#

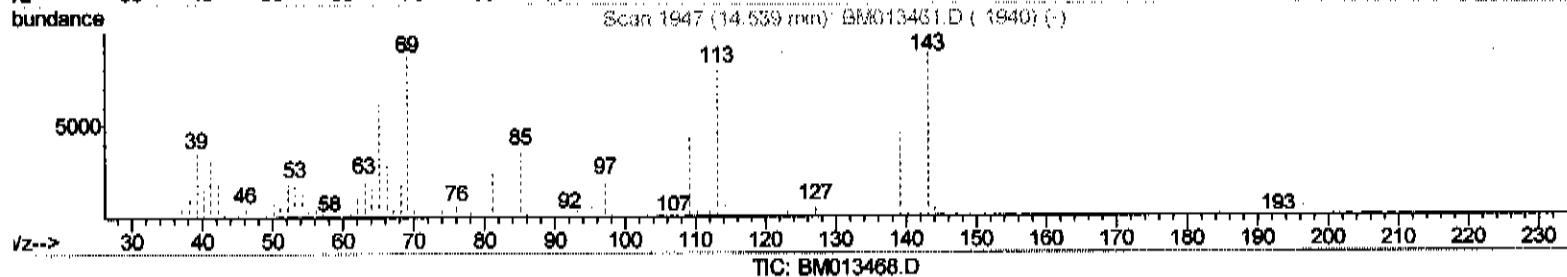
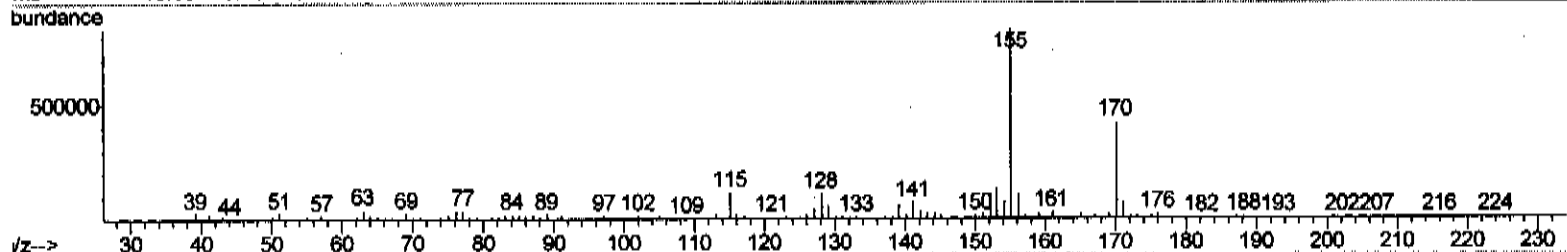
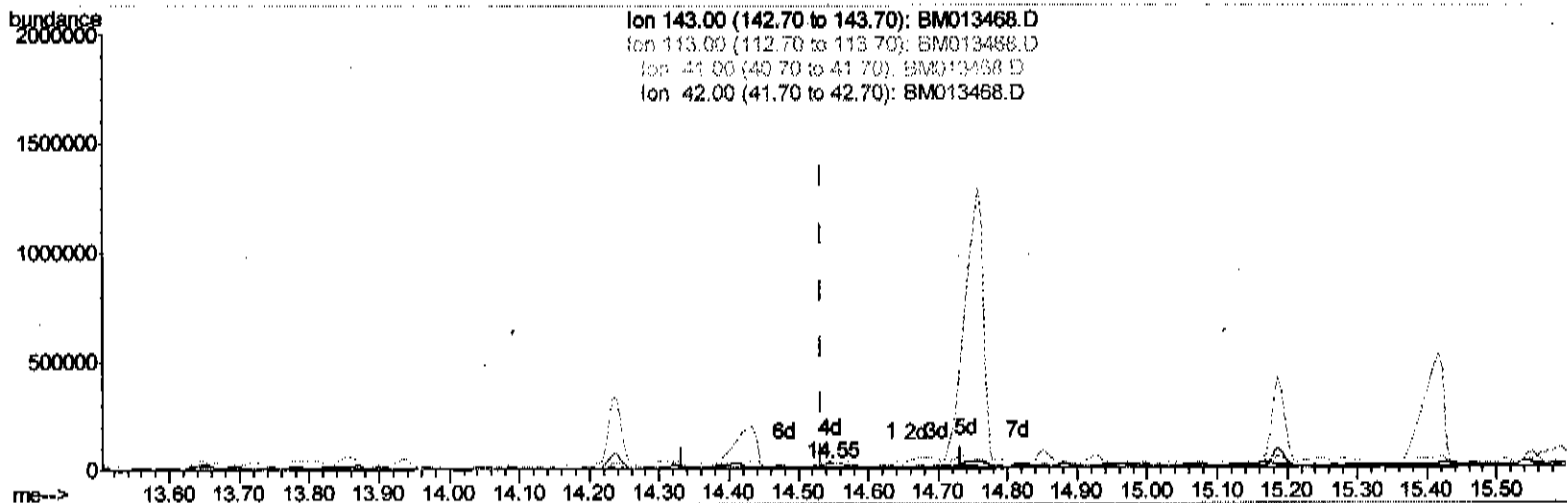
Data File : BM013468.D
Acq On : 16 Dec 2017 08:48
Operator : SJ/JU
Sample : I6775-07 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
F9A10

Manual Integrations
APPROVED

Sohil
12/18/2017 2:09:57 PM

Quant Time: Dec 18 01:25:12 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration



(51) 4-Nitrophenol-d4 (S)

14.545min (+0.012) 6.25ng/ul m

SJ 12/18/17

response 69453

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	77.00#
41.00	34.80	76.23#
42.00	20.50	21.06

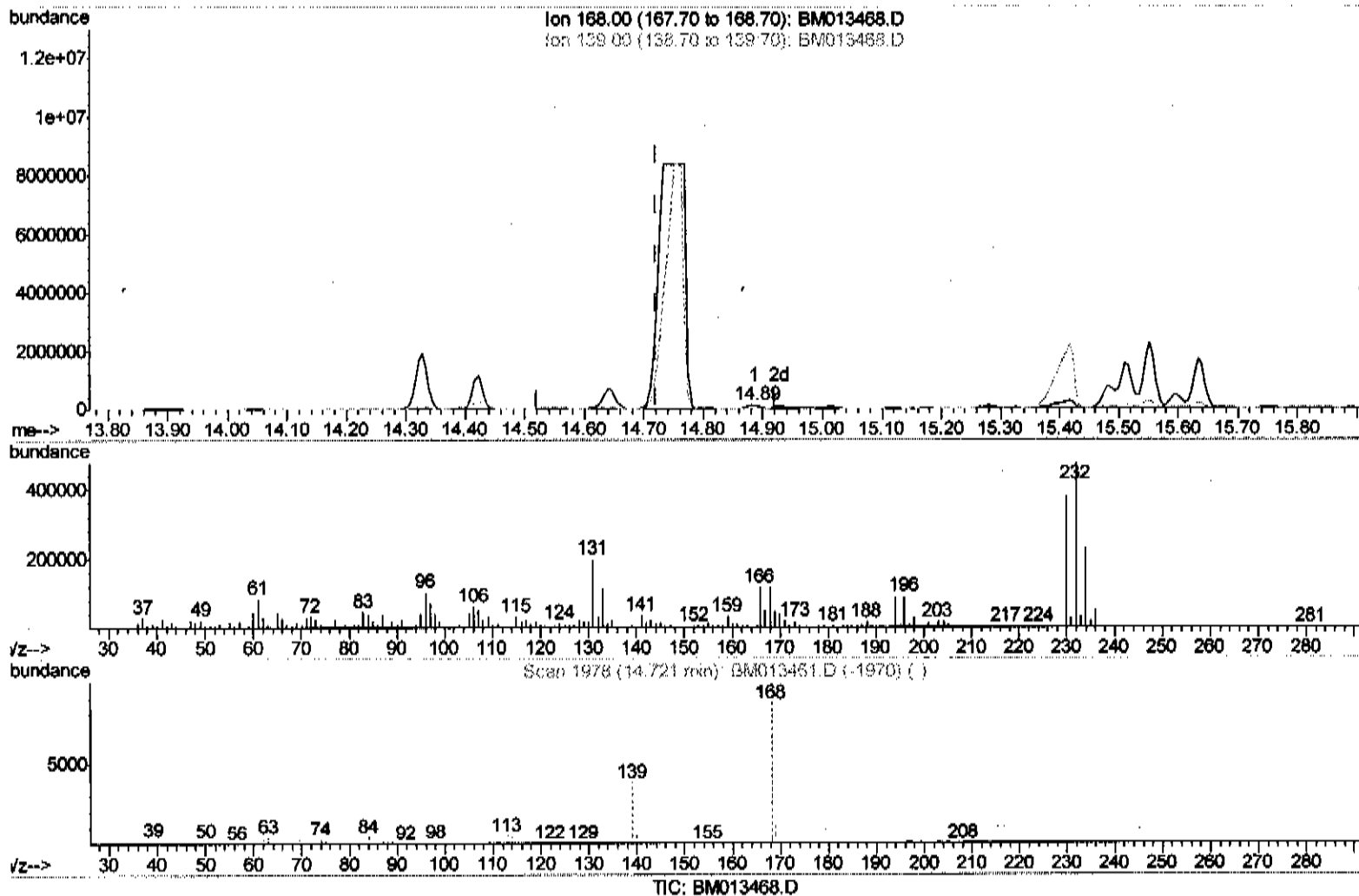
Data File : BM013468.D
Acq On : 16 Dec 2017 08:48
Operator : SJ/JU
Sample : I6775-07 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A10

Manual Integrations
APPROVED

Sohil
12/18/2017 2:09:57 PM

Quant Time: Dec 18 01:25:12 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration



(53) Dibenzofuran

14.887min (+0.165) 2.11ng/ul

response 154702

Ion	Exp%	Act%
168.00	100	100
139.00	38.50	4.90#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\

Quantitation Report (Qedit)

Data File : BM013468.D

Acq On : 16 Dec 2017 08:48

Operator : SJ/JU

Sample : I6775-07 5X

Misc :

ALS Vial : 25 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

F9A10

Manual Integrations
APPROVED

Sohil

12/18/2017 2:09:57 PM

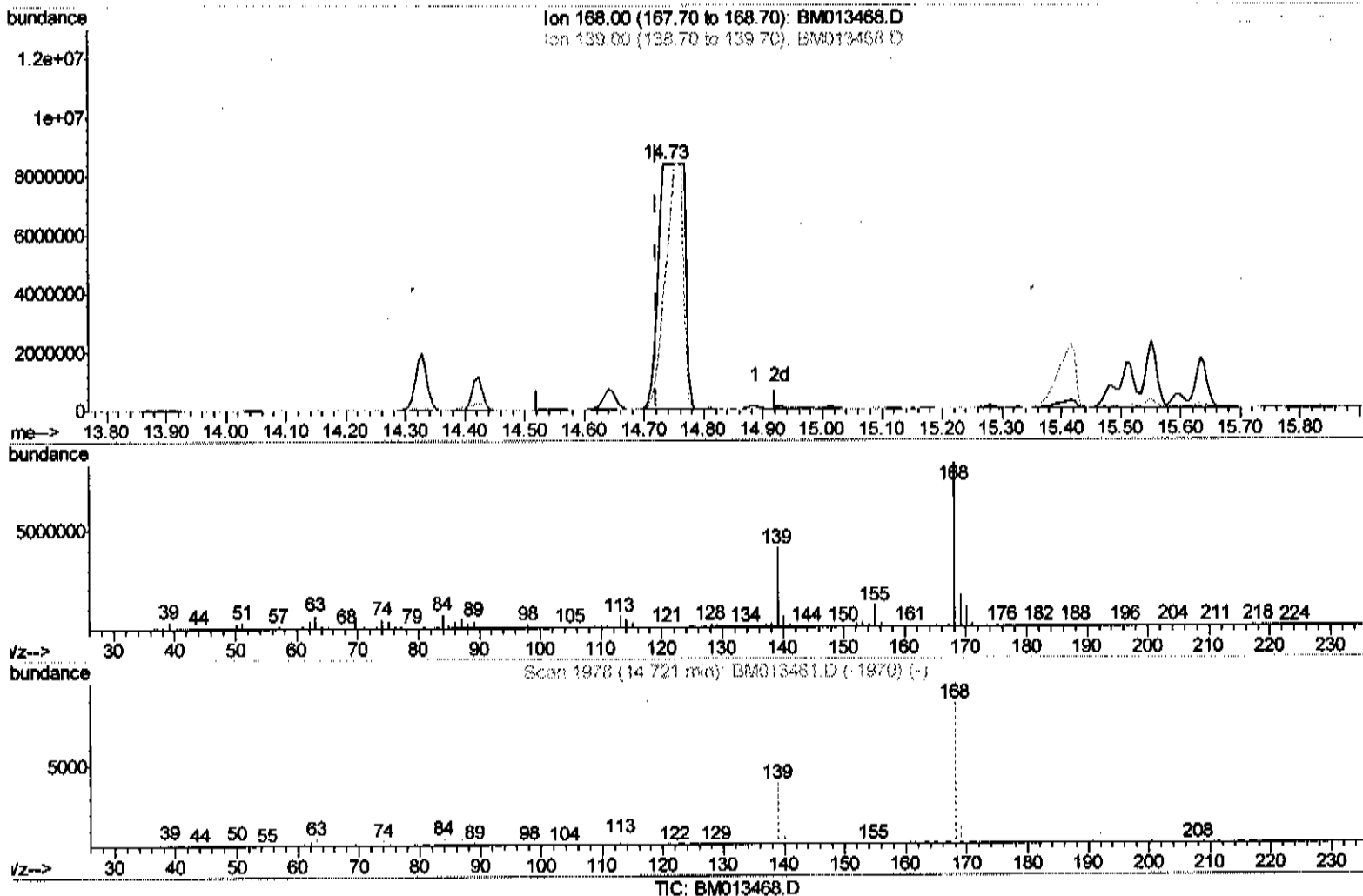
Quant Time: Dec 18 01:25:12 2017

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat Dec 16 00:23:08 2017

Response via : Initial Calibration



(53) Dibenzofuran

14.734min (+0.012) 350.45ng/ul m

SJ 12/18/17

response 25747077

Ion	Exp%	Act%
168.00	100	100
139.00	38.50	47.89#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Instrument :
BNA_M
ClientSampleId :
F9A10

Sohil
12/18/2017 2:09:57 PM

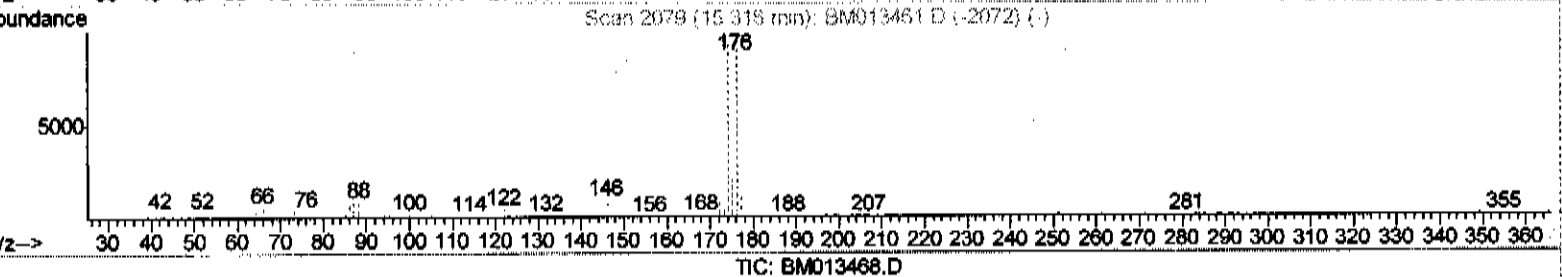
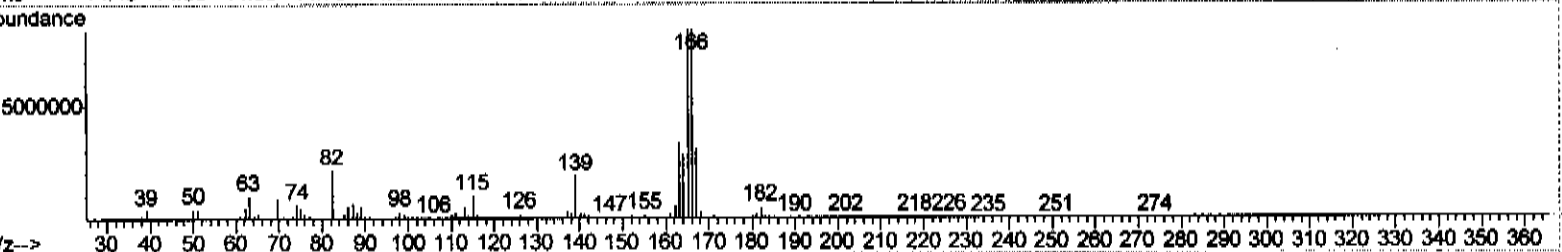
Ion 176.00 (175.70 to 176.70): BM013468.D
Ion 174.00 (173.70 to 174.70): BM013468.D
Ion 87.00 (85.70 to 87.70): BM013468.D
Ion 86.00 (85.70 to 86.70): BM013468.D

abundance

m/z

6d 4d 1 2d 3d 5d

15.42



response 14765

Ion	Exp%	Act%
176.00	100	100
174.00	95.20	78.93
87.00	6.30	5609.07#
86.00	5.90	4366.99#

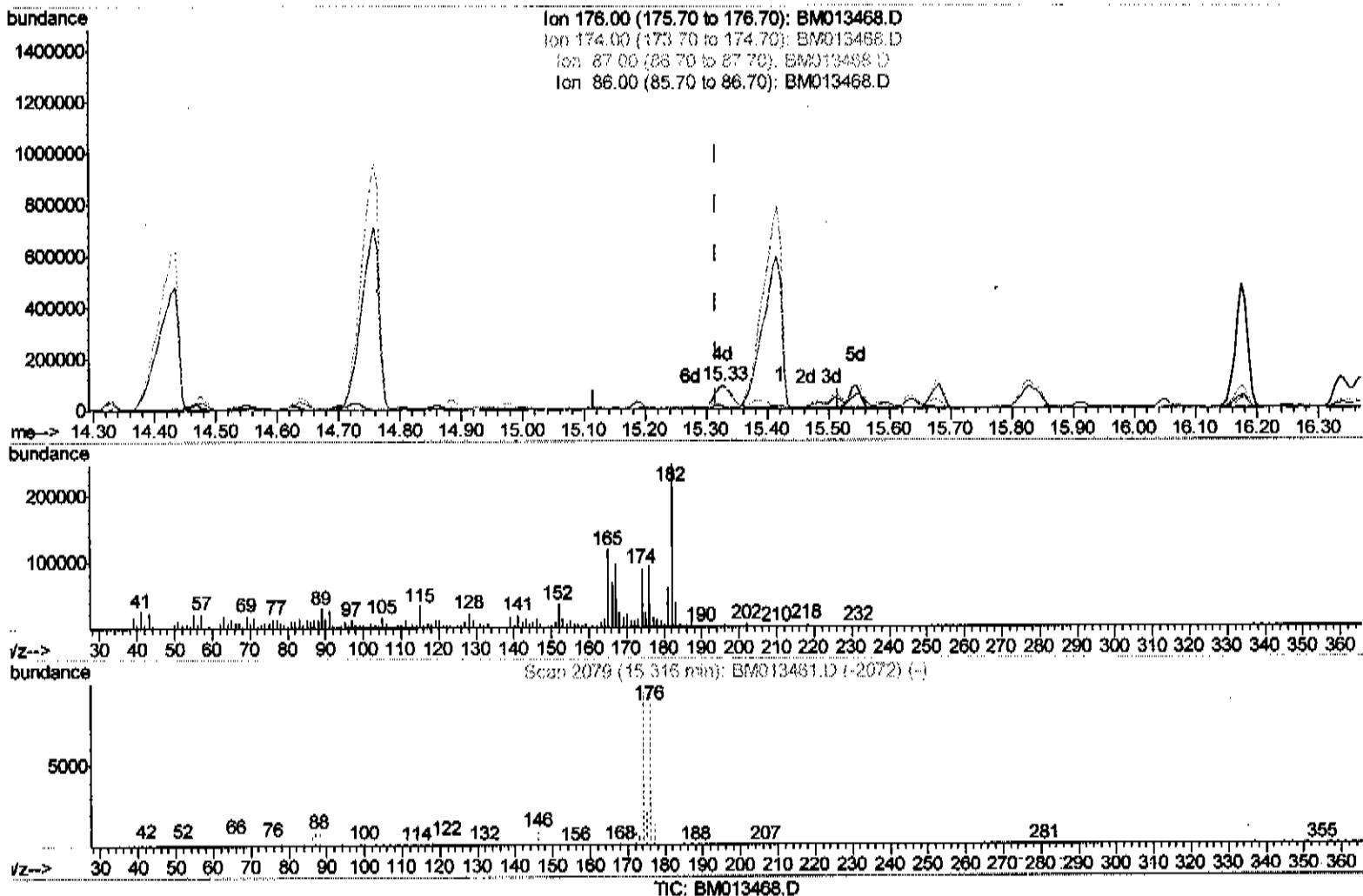
Data File : BM013468.D
Acq On : 16 Dec 2017 08:48
Operator : SJ/JU
Sample : I6775-07 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
F9A10

Manual Integrations
APPROVED

Sohil
12/18/2017 2:09:57 PM

Quant Time: Dec 18 01:25:12 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration



(57) Fluorene-d10 (S)

15.328min (+0.012) 3.43ng/ul m

response 188515

Ion	Exp%	Act%
176.00	100	100
174.00	95.20	95.50
87.00	6.30	13.84#
86.00	5.90	10.64#

SJ 12/18/17

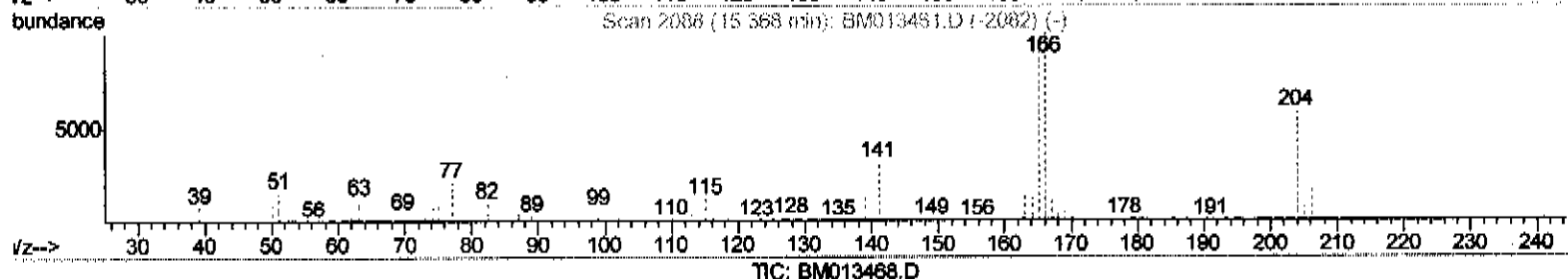
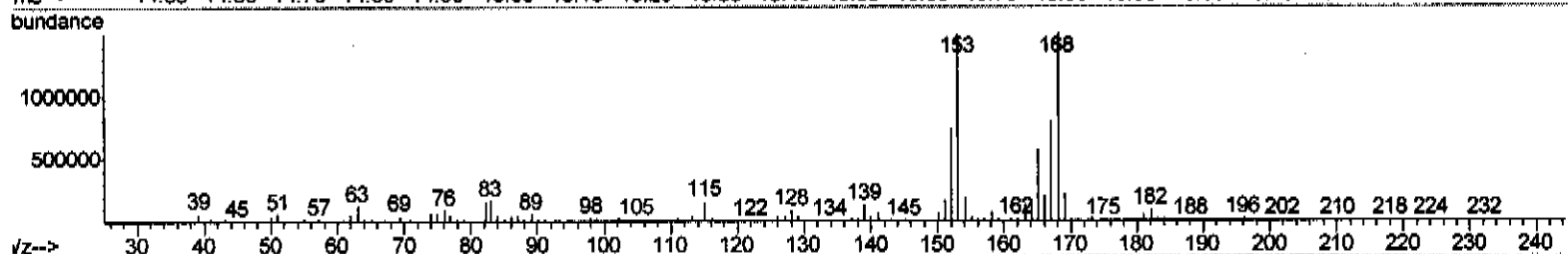
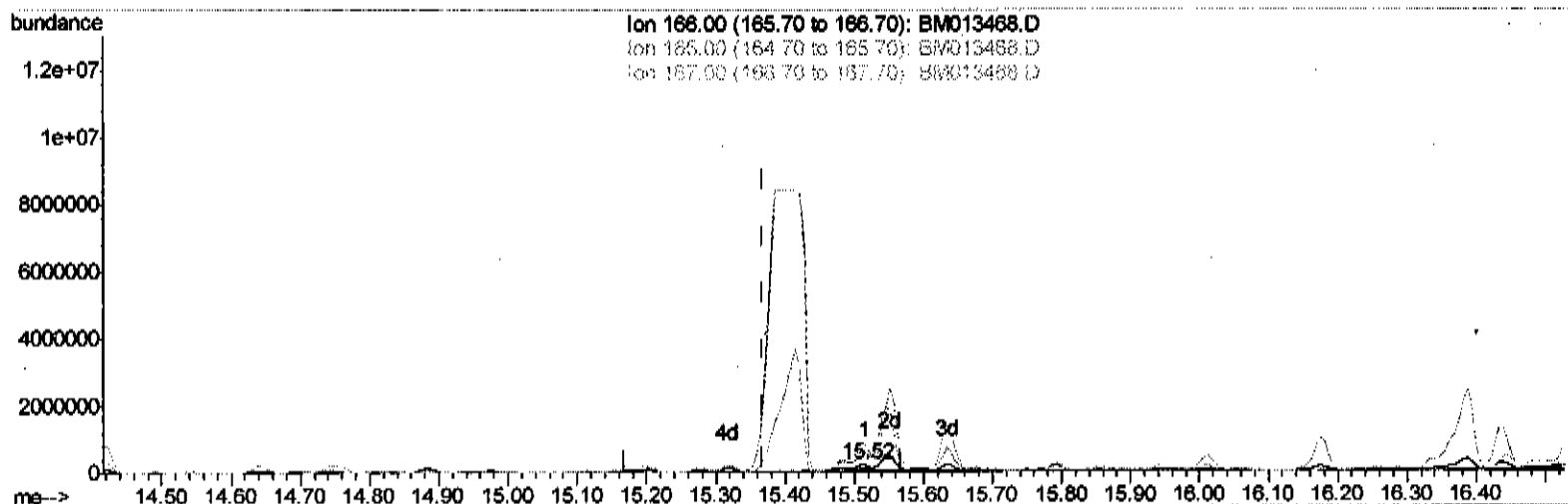
Data File : BM013468.D
Acq On : 16 Dec 2017 08:48
Operator : SJ/JU
Sample : I6775-07 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A10

Manual Integrations
APPROVED

Sohil
12/18/2017 2:09:57 PM

Quant Time: Dec 18 01:25:12 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration



(58) Fluorene

15.516min (+0.147) 2.31ng/ul

response 140321

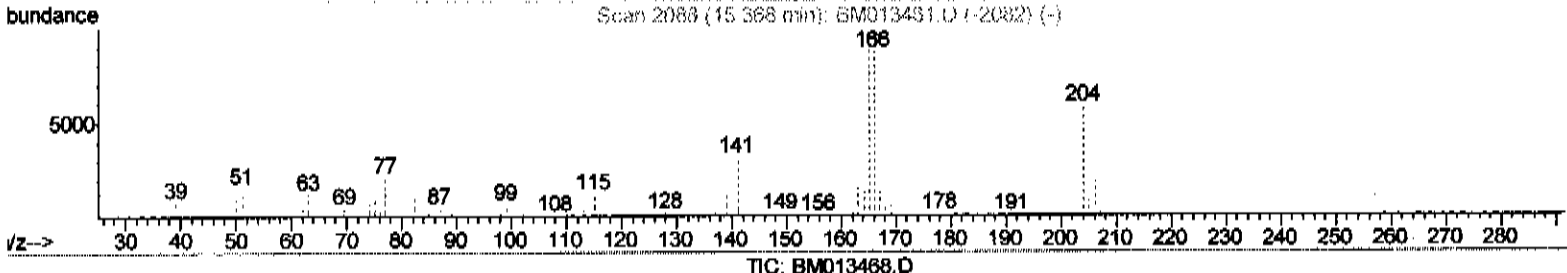
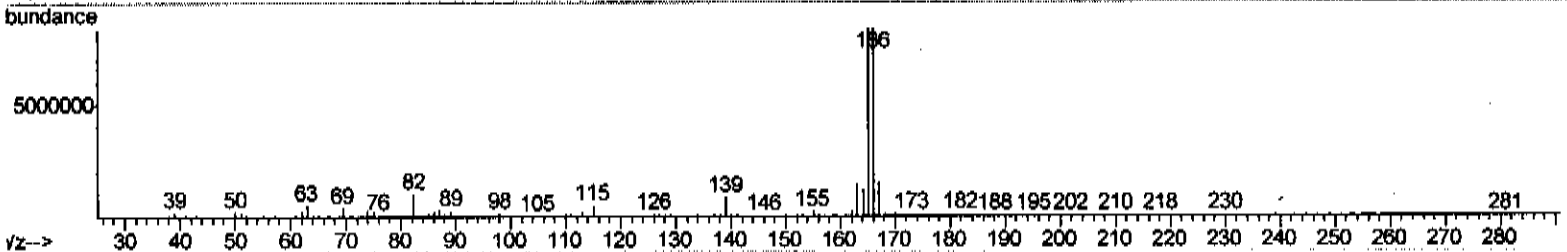
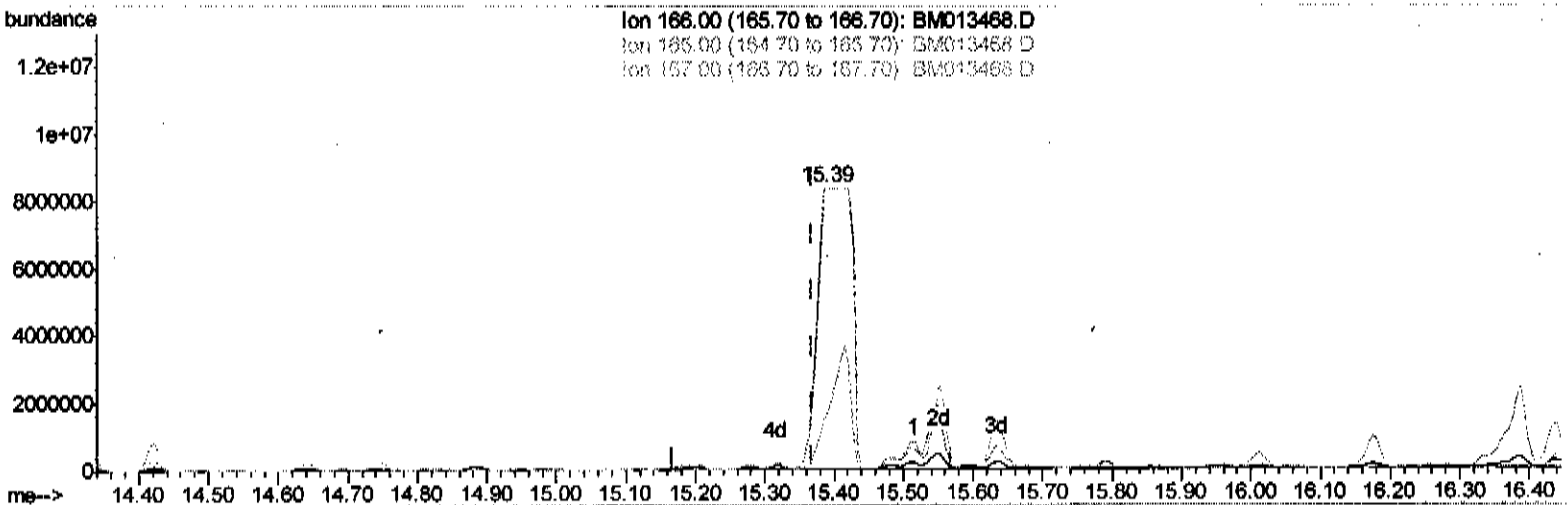
Ion	Exp%	Act%
166.00	100	100
165.00	97.40	302.53#
167.00	13.30	409.83#
0.00	0.00	0.00

Data File : BM013468.D
Acq On : 16 Dec 2017 08:48
Operator : SJ/JU
Sample : I6775-07 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
F9A10

Manual Integrations
APPROVED
Sohil
12/18/2017 2:09:57 PM

Quant Time: Dec 18 01:25:12 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration



(58) Fluorene
15.387min (+0.018) 464.54ng/ul m
response 28233764

SJ 12/18/17

Ion	Exp%	Act%
166.00	100	100
165.00	97.40	100.00
167.00	13.30	17.59#
0.00	0.00	0.00

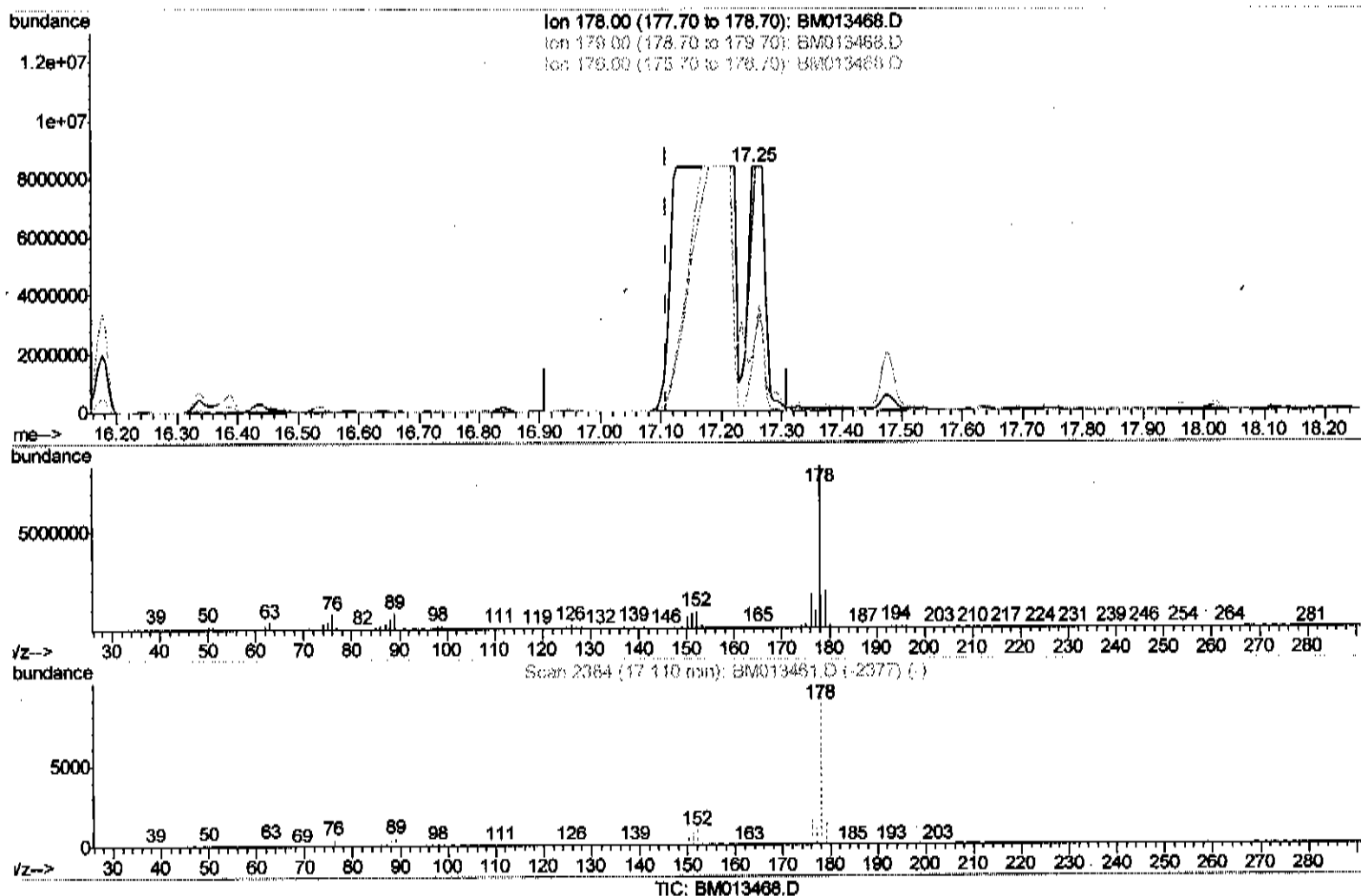
Data File : BM013468.D
Acq On : 16 Dec 2017 08:48
Operator : SJ/JU
Sample : I6775-07 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
F9A10

Manual Integrations
APPROVED

Sohil
12/18/2017 2:09:57 PM

Quant Time: Dec 18 01:25:12 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration



(68) Phenanthrene

17.251min (+0.141) 29.62ng/ul

response 2390882

Ion	Exp%	Act%
178.00	100	100
179.00	15.80	22.94#
176.00	18.60	20.41
0.00	0.00	0.00

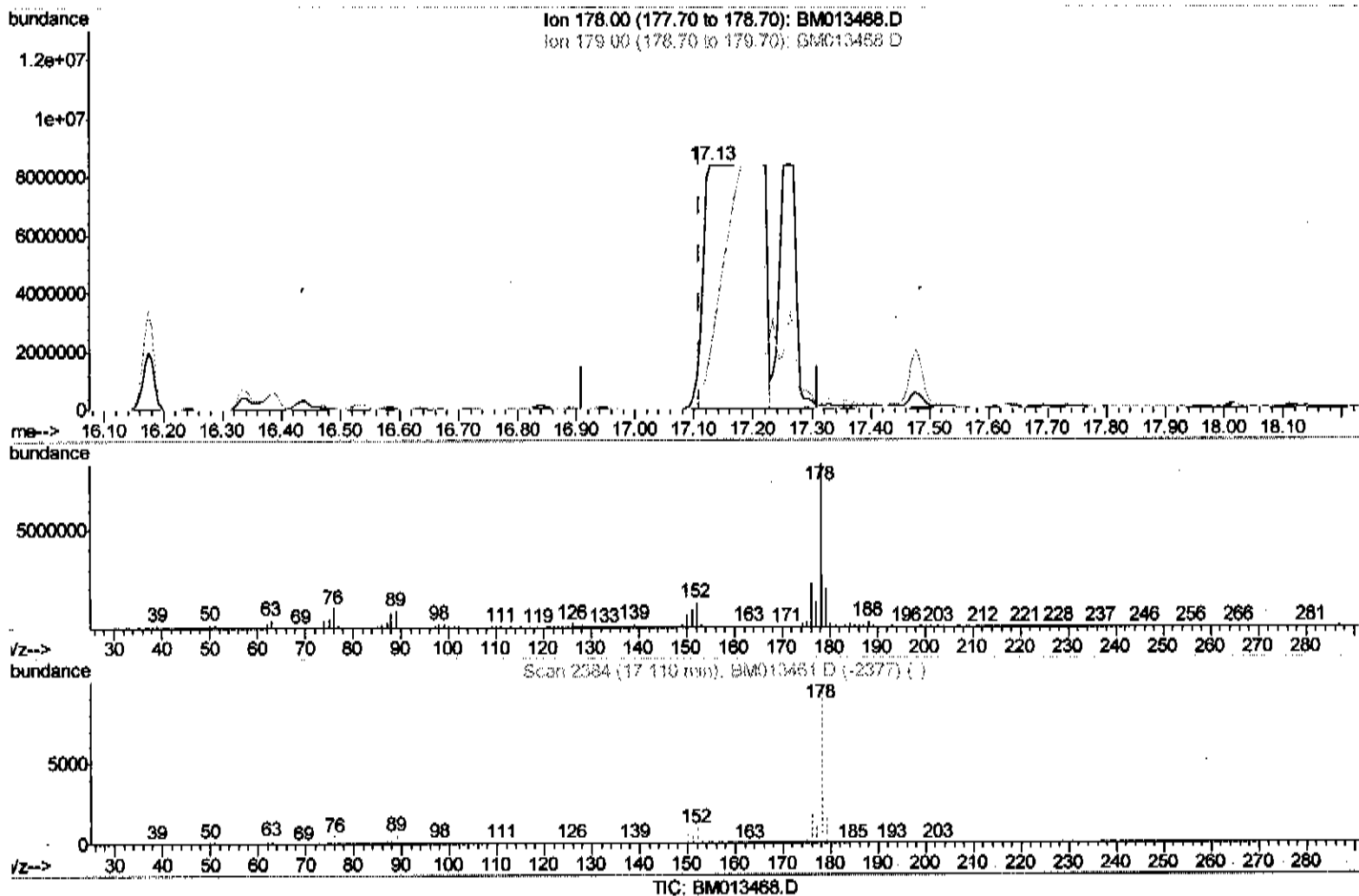
Data File : BM013468.D
Acq On : 16 Dec 2017 08:48
Operator : SJ/JU
Sample : I6775-07 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
F9A10

Manual Integrations
APPROVED

Sohil
12/18/2017 2:09:57 PM

Quant Time: Dec 18 01:25:12 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration



(69) Phenanthrene

17.128min (+0.018) 701.87ng/ul

response 56648939

Ion	Exp%	Act%
178.00	100	100
179.00	15.80	23.13%
176.00	18.60	26.62%
0.00	0.00	0.00

SJ 12/18/17

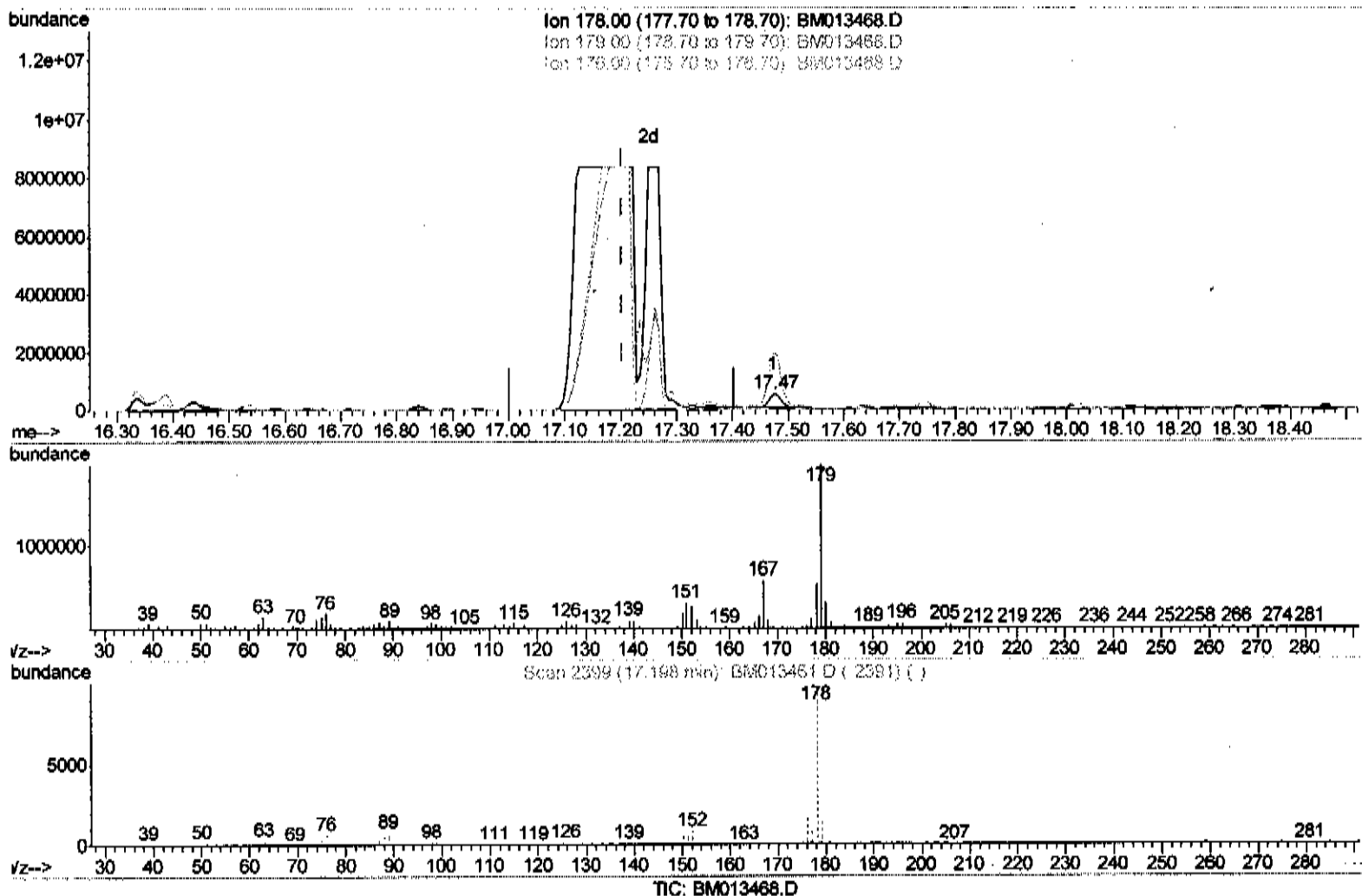
Data File : BM013468.D
Acq On : 16 Dec 2017 08:48
Operator : SJ/JU
Sample : I6775-07 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
F9A10

Manual Integrations
APPROVED

Sohil
12/18/2017 2:09:57 PM

Quant Time: Dec 18 01:25:12 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration



(71) Anthracene

17.475min (+0.271) 8.84ng/ul

response 712959

Ion	Exp%	Act%
178.00	100	100
179.00	14.60	363.65#
176.00	18.20	5.54#
0.00	0.00	0.00

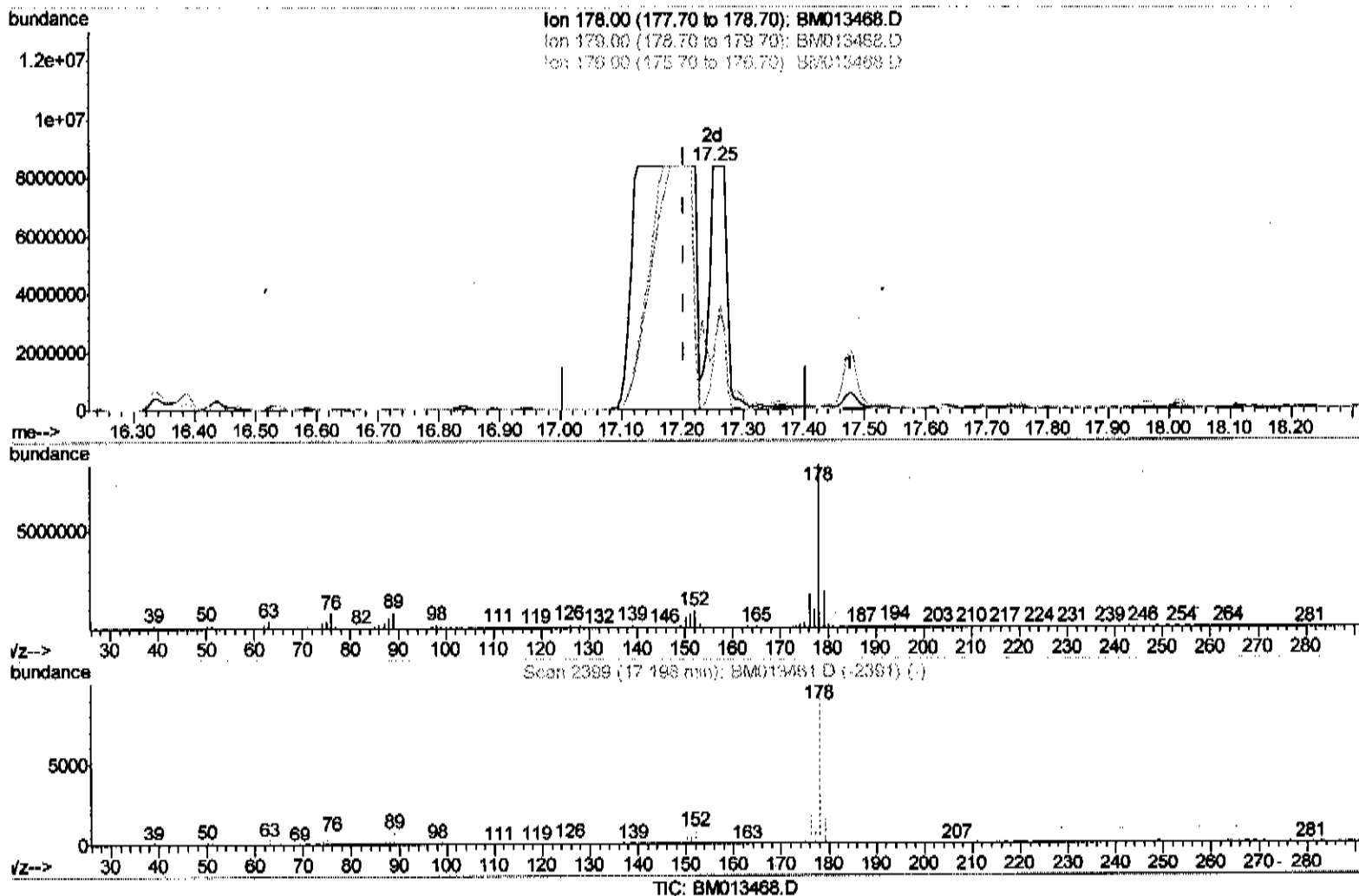
Data File : BM013468.D
Acq On : 16 Dec 2017 08:48
Operator : SJ/JU
Sample : I6775-07 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
F9A10

Manual Integrations
APPROVED

Sohil
12/18/2017 2:09:57 PM

Quant Time: Dec 18 01:25:12 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration



(71) Anthracene

17.251min (+0.047) 199.30ng/ul m

response 16442584

Ion	Exp%	Act%
178.00	100	100
179.00	14.60	22.94#
176.00	18.20	20.41
0.00	0.00	0.00

SJ 12/18/17

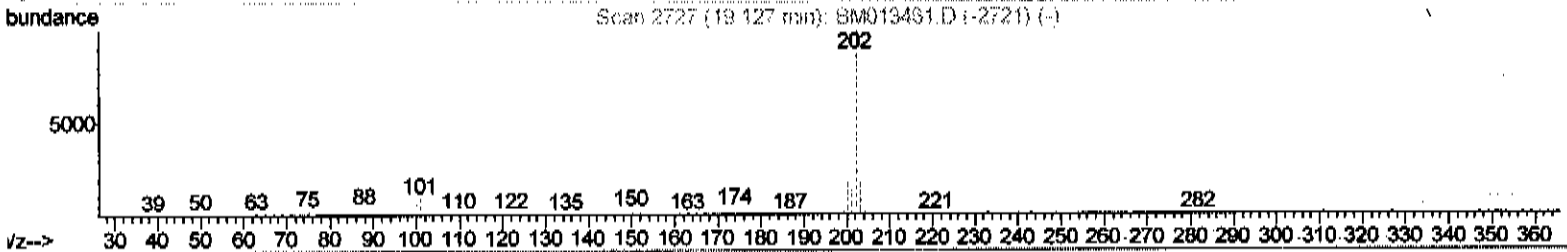
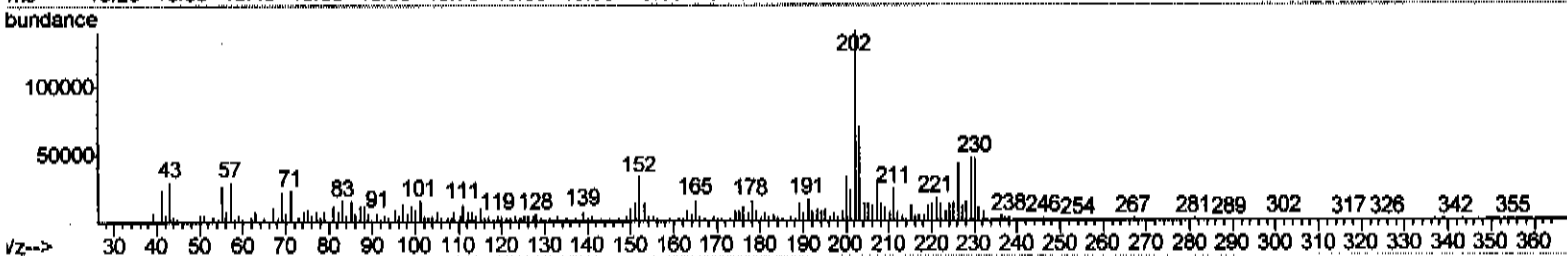
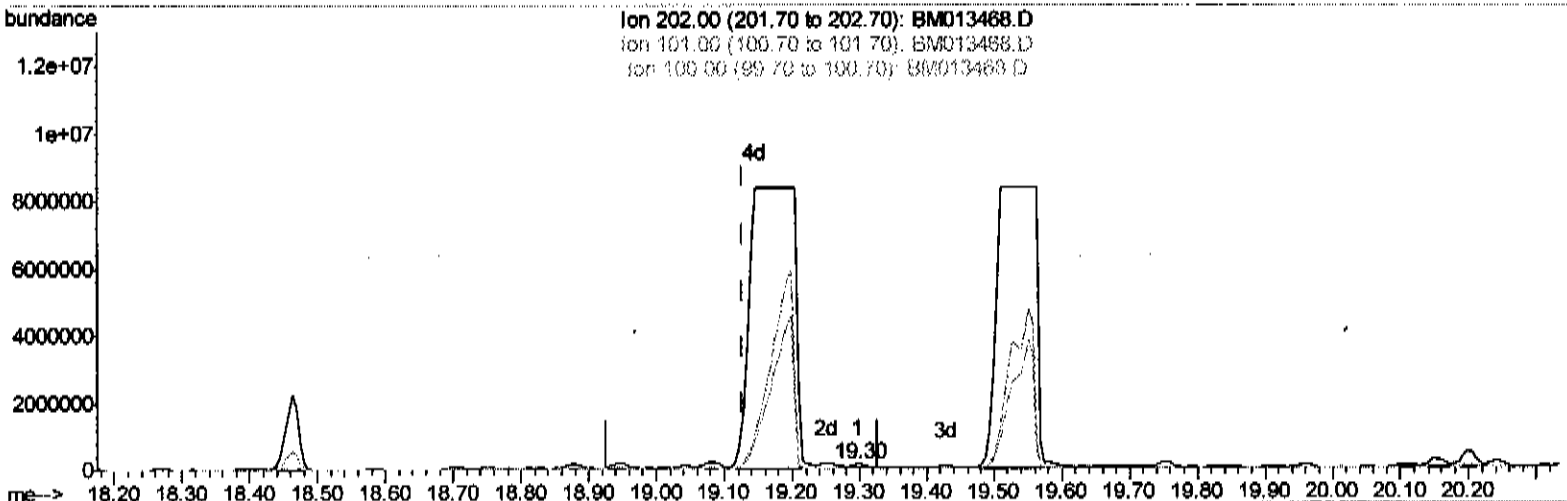
Data File : BM013468.D
Acq On : 16 Dec 2017 08:48
Operator : SJ/JU
Sample : I6775-07 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A10

Manual Integrations
APPROVED

Sohil
12/18/2017 2:09:57 PM

Quant Time: Dec 18 01:25:12 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration



TIC: BM013468.D

(74) Fluoranthene (C)

19.298min (+0.171) 1.68ng/ul

response 166616

Ion	Exp%	Act%
202.00	100	100
101.00	5.80	10.86#
100.00	4.30	7.08#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\
Quantitation Report (Qedit)

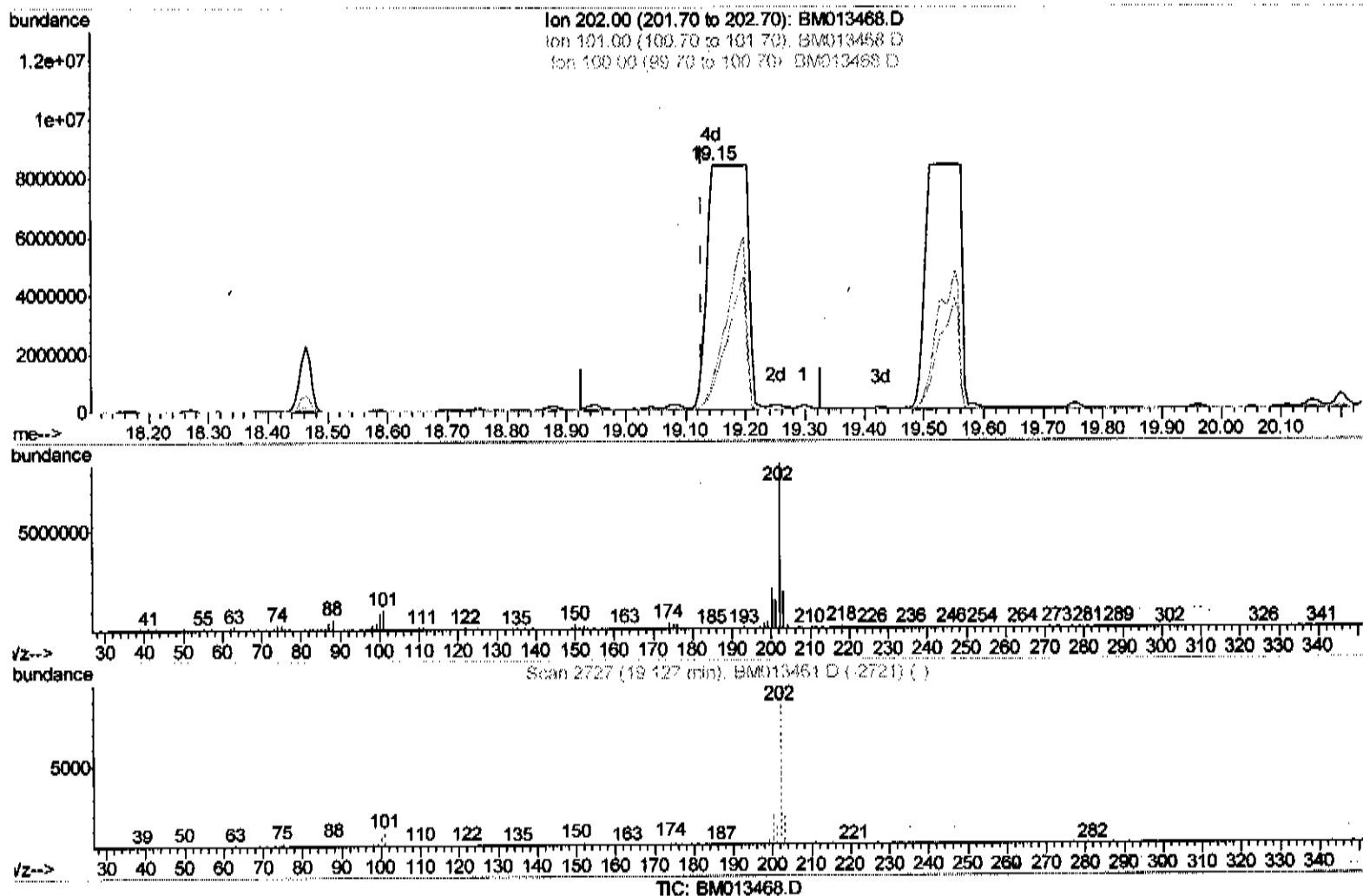
Data File : BM013468.D
Acq On : 16 Dec 2017 08:48
Operator : SJ/JU
Sample : I6775-07 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
F9A10

Manual Integrations
APPROVED

Sohil
12/18/2017 2:09:57 PM

Quant Time: Dec 18 01:25:12 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration



(74) Fluoranthene (C)

19.145min (+0.018) 385.41ng/ul m

SJ 12/18/17

response 38120896

Ion	Exp%	Act%
202.00	100	100
101.00	5.80	12.27#
100.00	4.30	9.61#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\
Quantitation Report (Qedit)

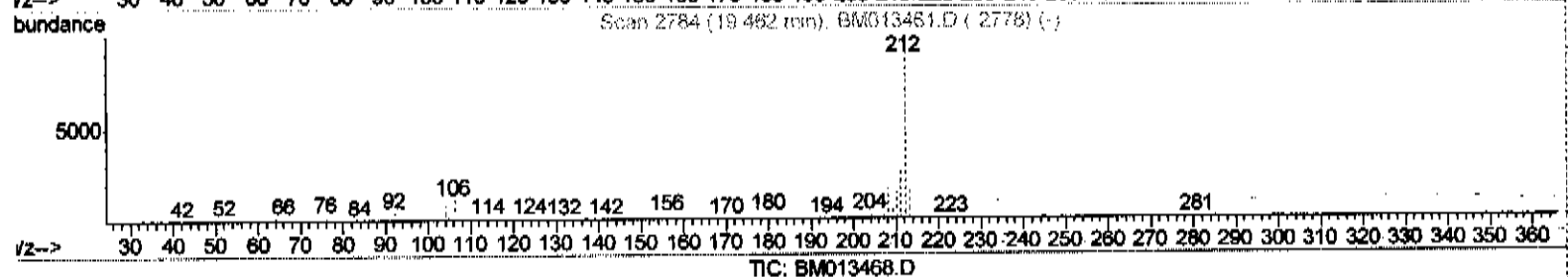
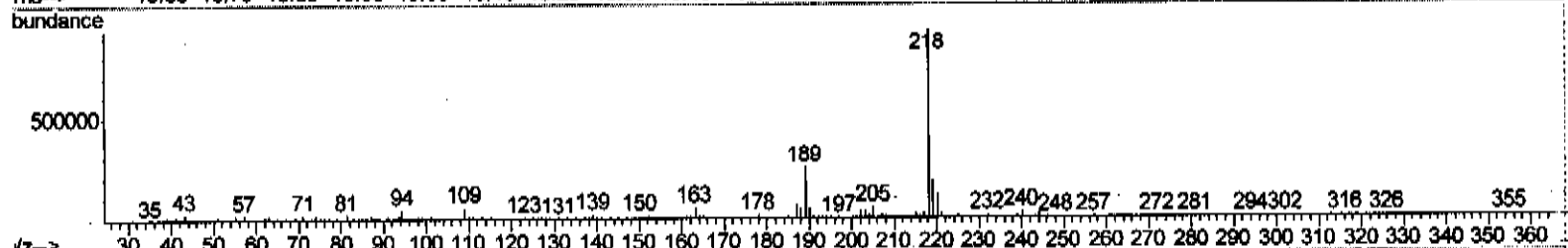
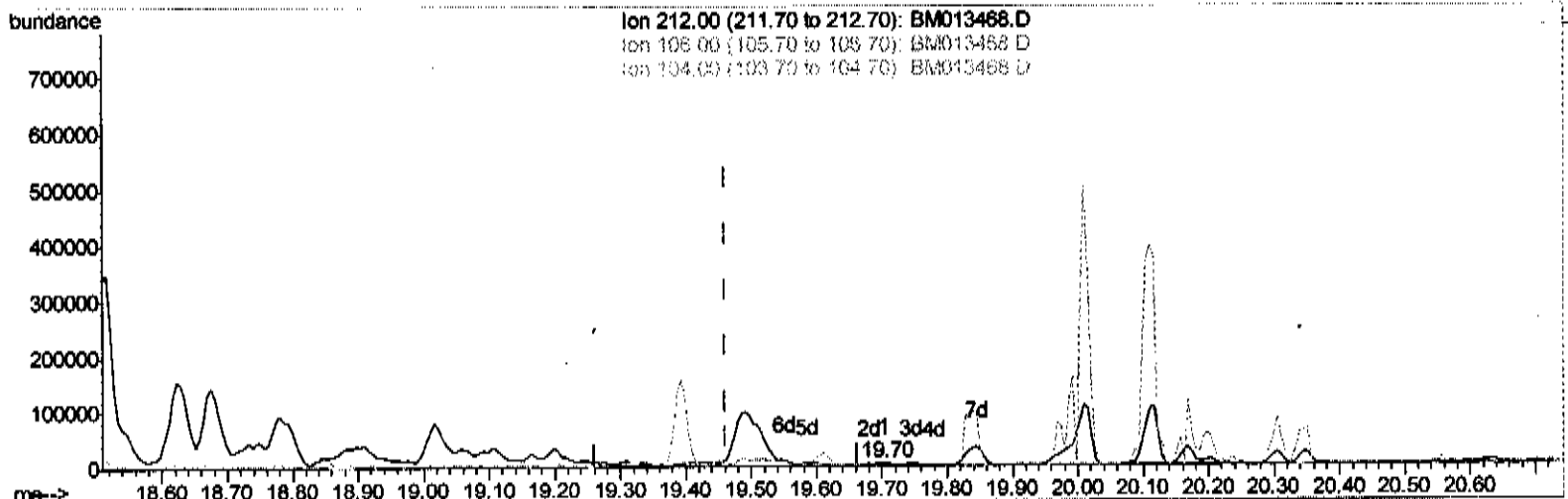
Data File : BM013468.D
Acq On : 16 Dec 2017 08:48
Operator : SJ/JU
Sample : I6775-07 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
F9A10

Manual Integrations
APPROVED

Sohil
12/18/2017 2:09:57 PM

Quant Time: Dec 18 01:25:12 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration



(76) Pyrene-d10 (S)

19.704min (+0.241) 0.10ng/ul

response 5245

Ion	Exp%	Act%
212.00	100	100
106.00	7.60	49.83#
104.00	5.10	46.25#
0.00	0.00	0.00

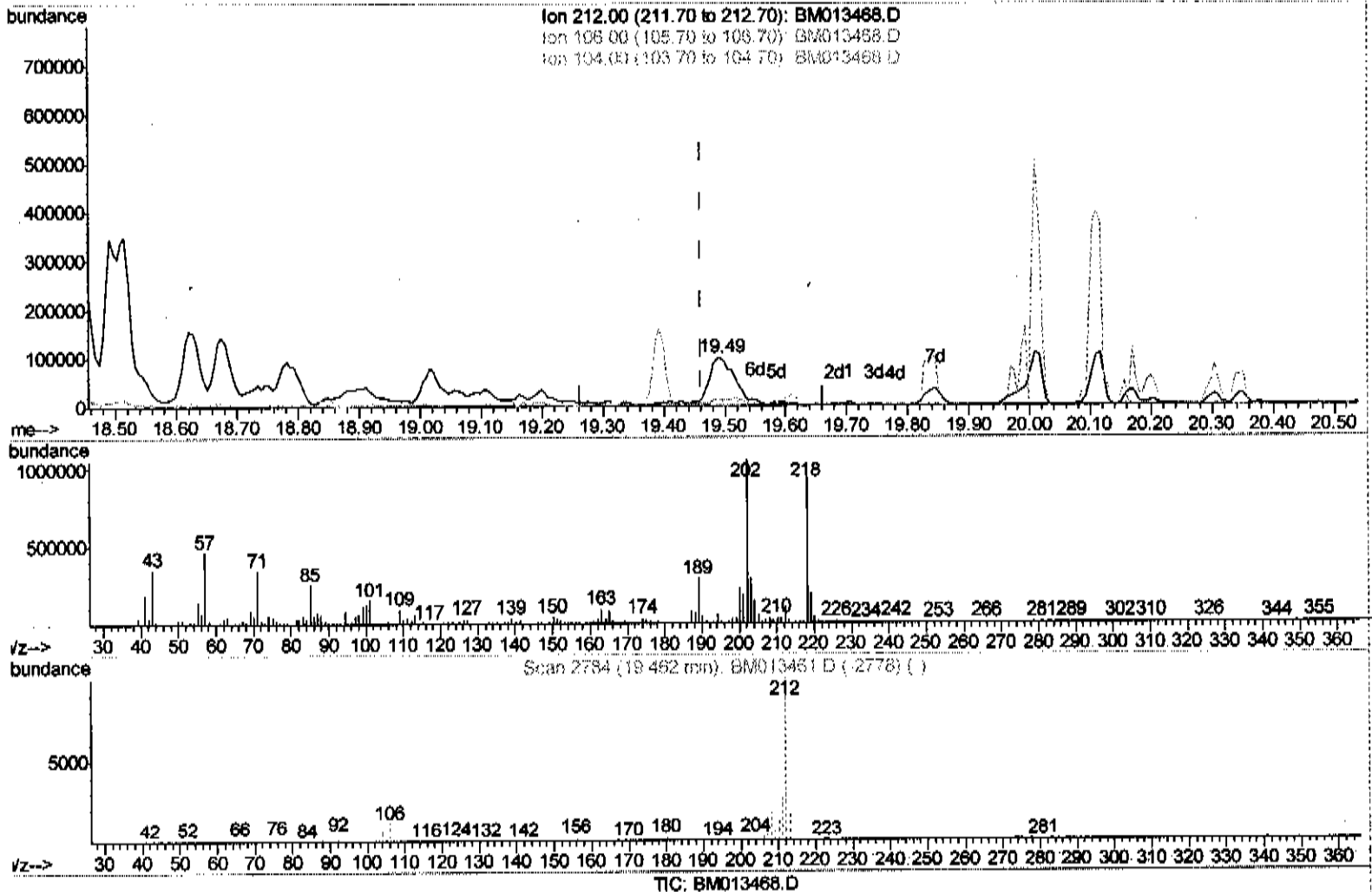
Data File : BM013468.D
Acq On : 16 Dec 2017 08:48
Operator : SJ/JU
Sample : I6775-07 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A10

Manual Integrations
APPROVED

Sohil
12/18/2017 2:09:57 PM

Quant Time: Dec 18 01:25:12 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration



(76) Pyrene-d10 (S)

19.492min (+0.030) 5.36ng/ul m

SJ 12/18/17

response 280796

Ion	Exp%	Act%
212.00	100	100
106.00	7.60	13.48#
104.00	5.10	9.81#
0.00	0.00	0.00

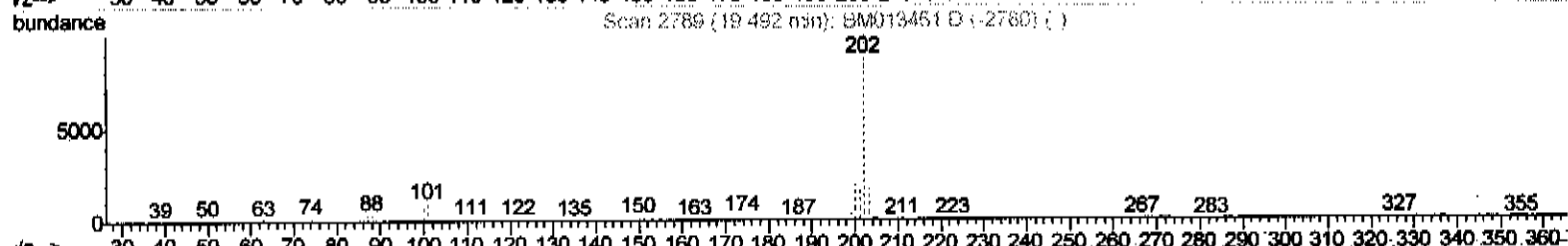
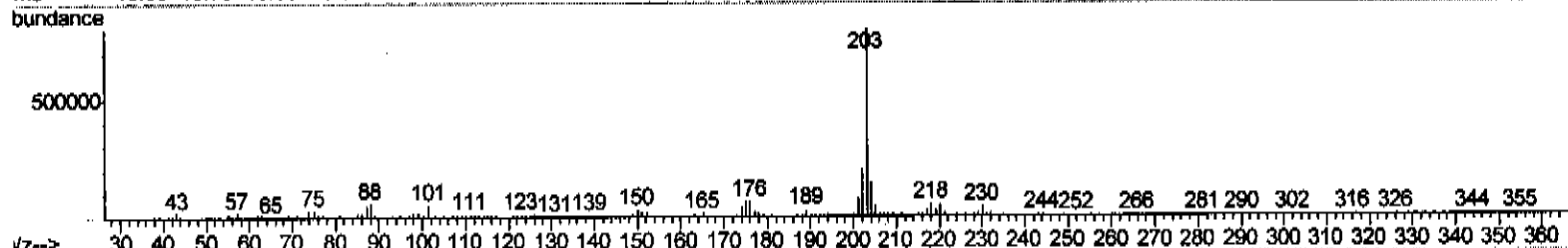
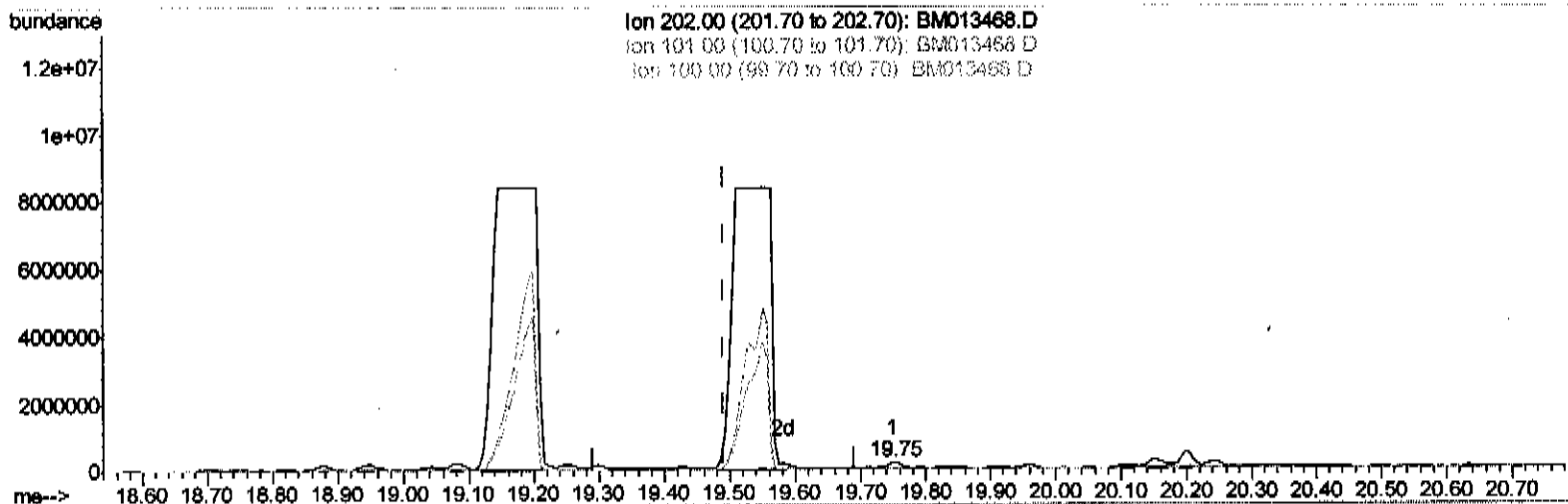
Data File : BM013468.D
Acq On : 16 Dec 2017 08:48
Operator : SJ/JU
Sample : I6775-07 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleID :
F9A10

Manual Integrations
APPROVED

Sohil
12/18/2017 2:09:57 PM

Quant Time: Dec 18 01:25:12 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration



TIC: BM013468.D

(77) Pyrene

19.751min (+0.259) 3.82ng/ul

response 244453

Ion	Exp%	Act%
202.00	100	100
101.00	6.40	28.96#
100.00	6.10	5.99
0.00	0.00	0.00

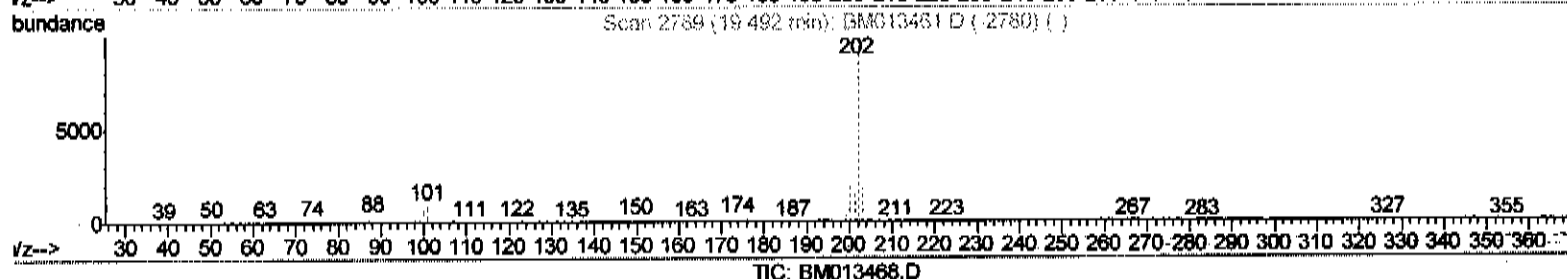
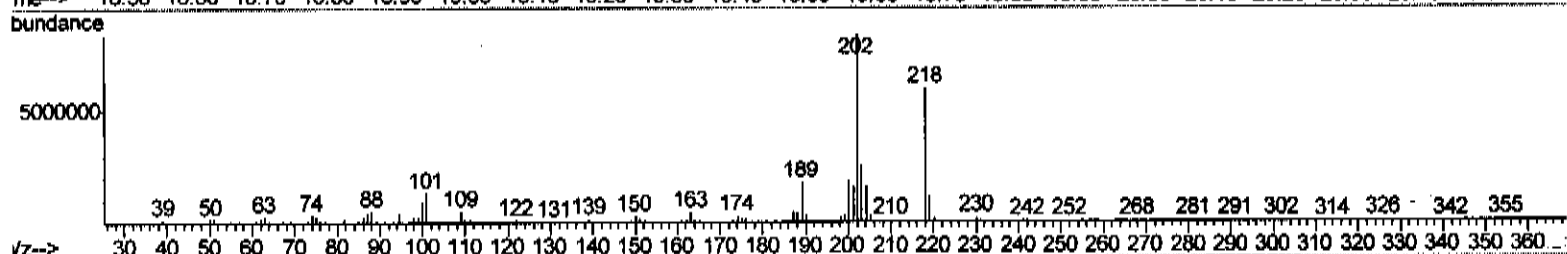
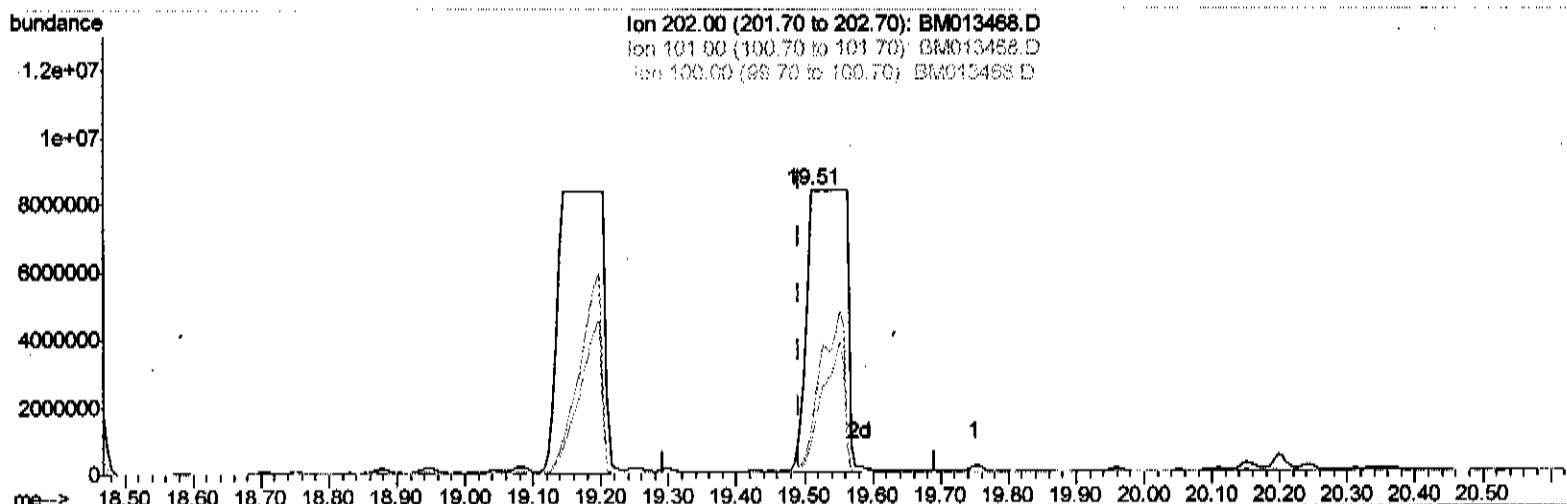
Data File : BM013468.D
Acq On : 16 Dec 2017 08:48
Operator : SJ/JU
Sample : I6775-07 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A10

Manual Integrations
APPROVED

Sohil
12/18/2017 2:09:57 PM

Quant Time: Dec 18 01:25:12 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration



(77) Pyrene

19.510min (+0.018) 523.96ng/ul m

SJ 12/18/17

response 33501709

Ion	Exp%	Act%
202.00	100	100
101.00	6.40	15.59#
100.00	6.10	10.91#
0.00	0.00	0.00

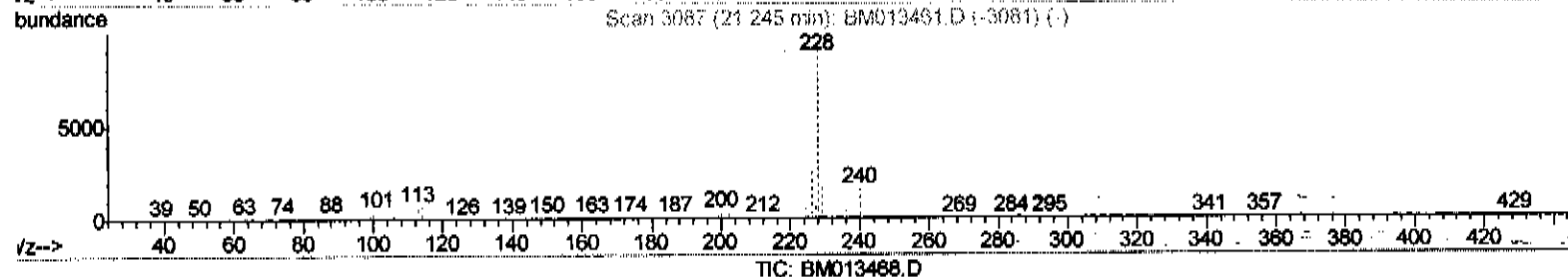
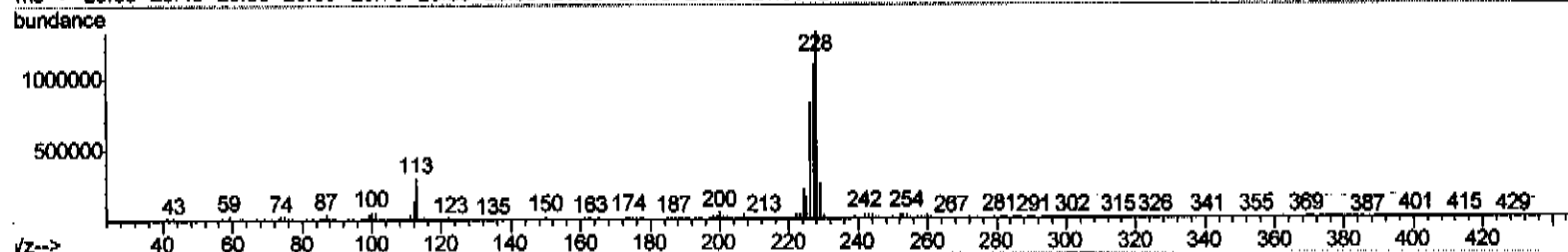
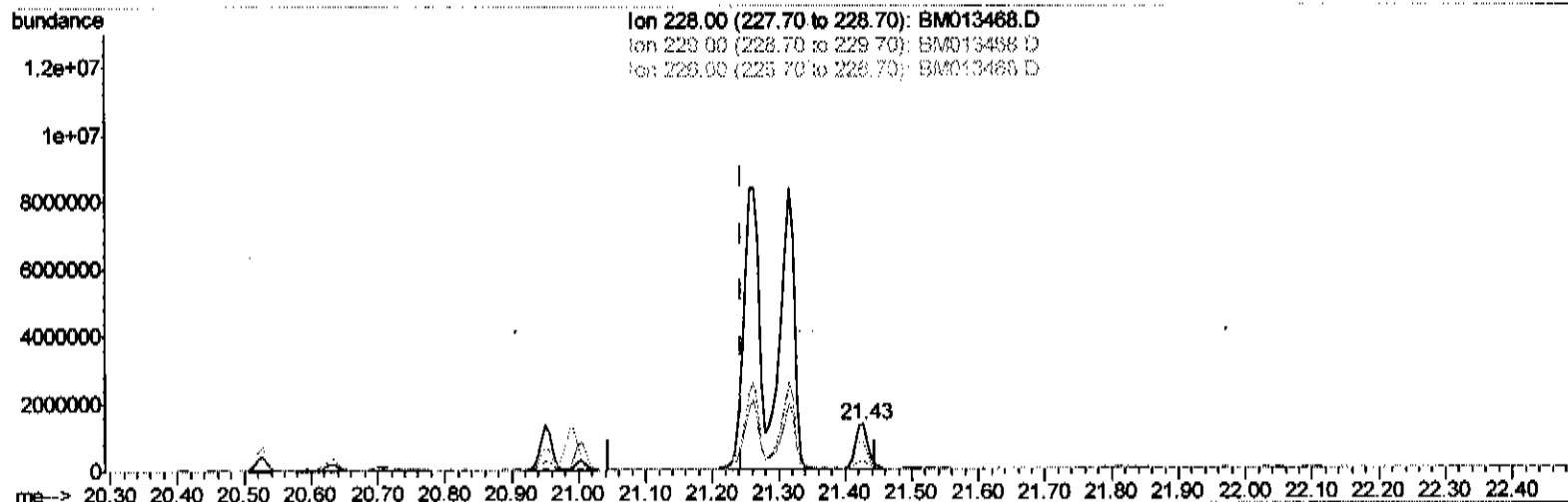
Data File : BM013468.D
Acq On : 16 Dec 2017 08:48
Operator : SJ/JU
Sample : I6775-07 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
F9A10

Manual Integrations
APPROVED

Sohil
12/18/2017 2:09:57 PM

Quant Time: Dec 18 01:25:12 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration



(80) Benzo(a)anthracene

21.427min (+0.183) 26.87ng/ul

response 1794117

Ion	Exp%	Act%
228.00	100	100
229.00	19.20	18.88
226.00	26.70	61.79#
0.00	0.00	0.00

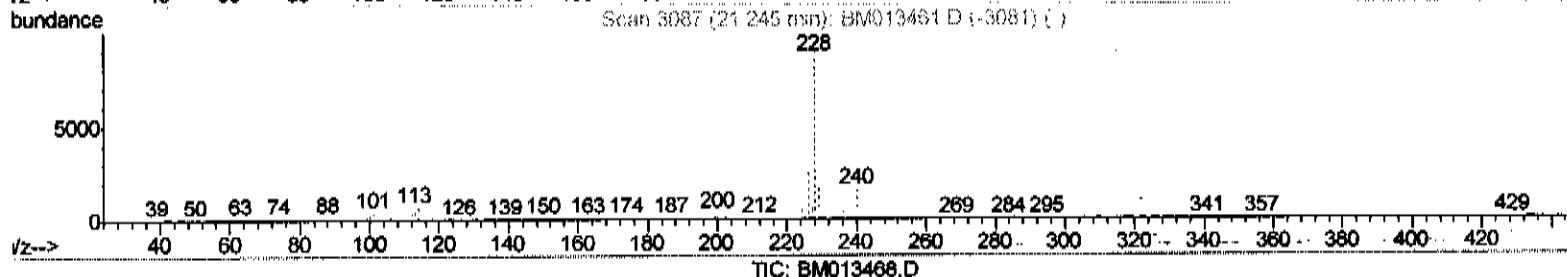
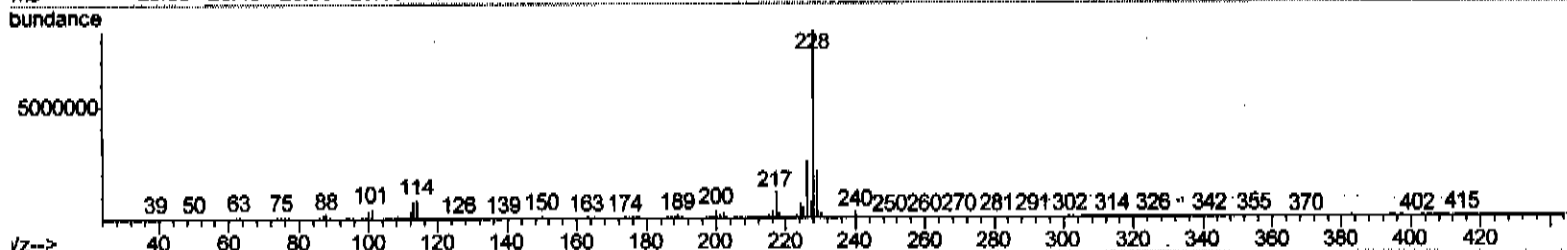
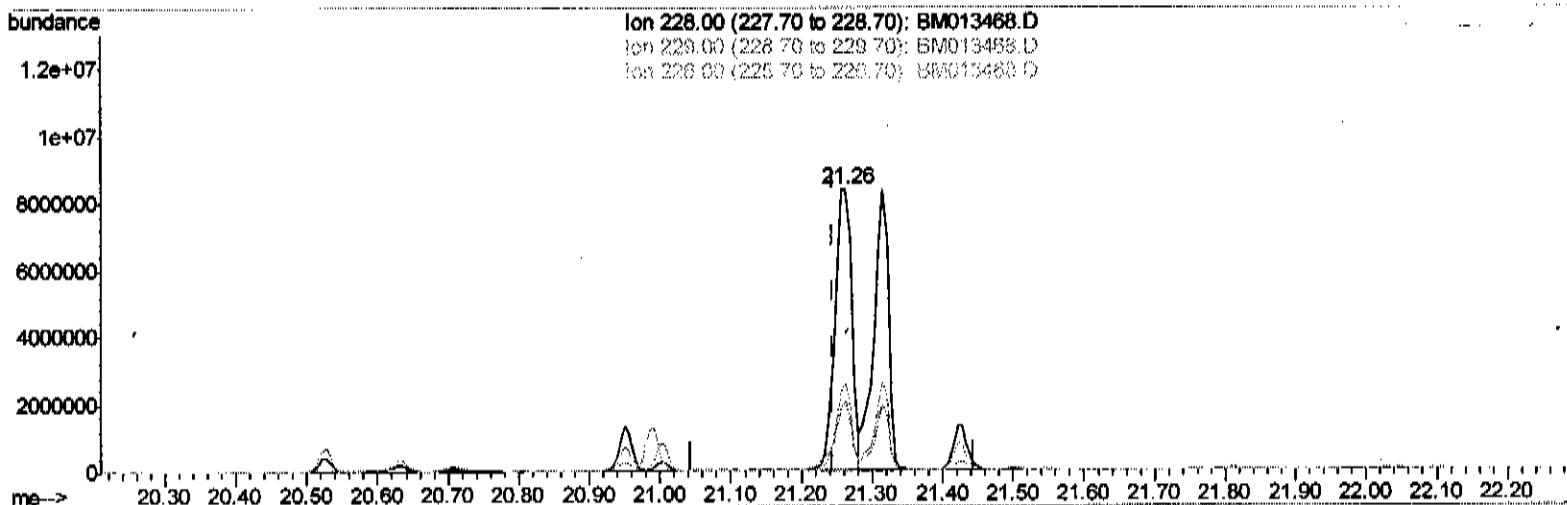
Data File : BM013468.D
Acq On : 16 Dec 2017 08:48
Operator : SJ/JU
Sample : I6775-07 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A10

Manual Integrations
APPROVED

Sohil
12/18/2017 2:09:57 PM

Quant Time: Dec 18 01:25:12 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration



(80) Benzo(a)anthracene

21.263min (+0.018) 206.94ng/ul m

SJ 12/18/17

response 13818785

Ion	Exp%	Act%
228.00	100	100
229.00	19.20	24.44#
226.00	26.70	31.13
0.00	0.00	0.00

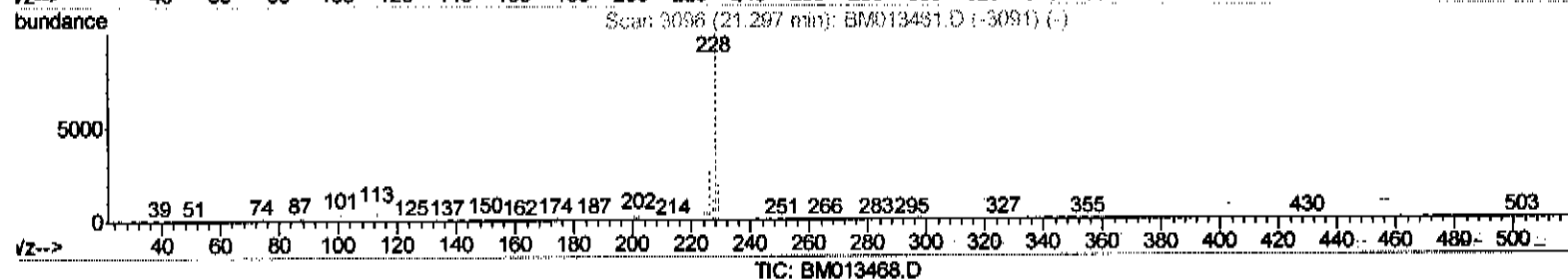
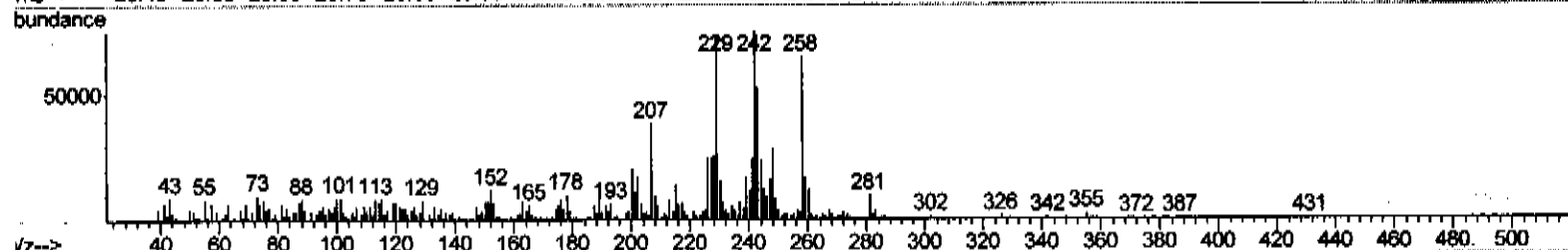
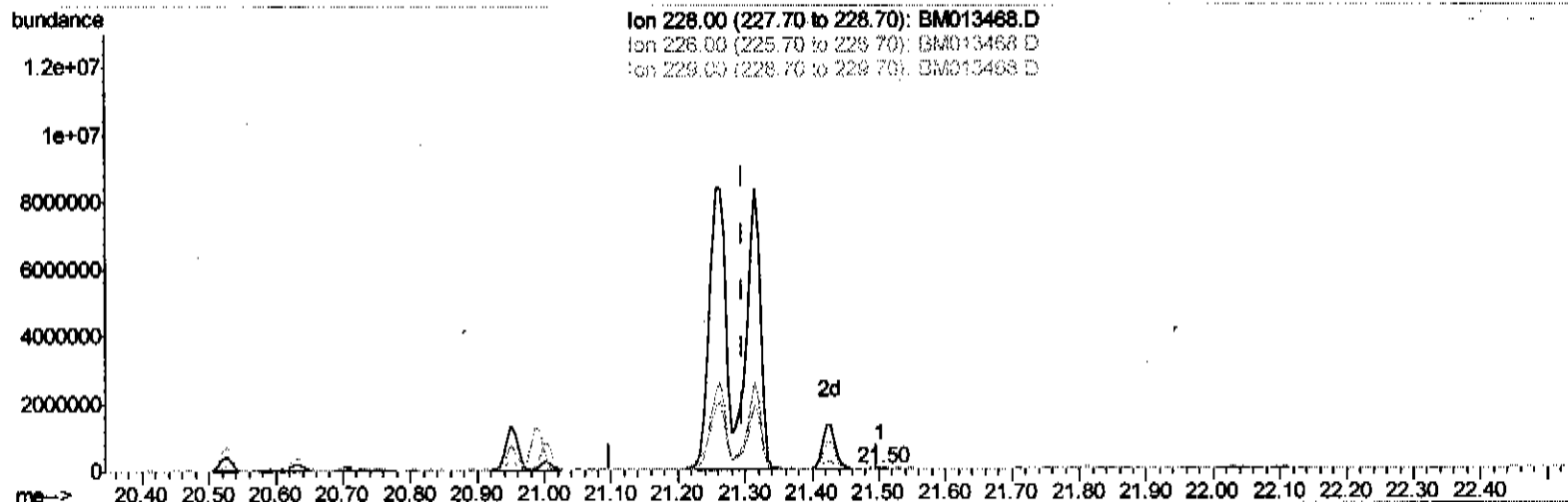
Data File : BM013468.D
Acq On : 16 Dec 2017 08:48
Operator : SJ/JU
Sample : I6775-07 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
F9A10

Manual Integrations
APPROVED

Sohil
12/18/2017 2:09:57 PM

Quant Time: Dec 18 01:25:12 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration



(82) Chrysene

21.504min (+0.206) 0.31ng/ul

response 19058

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	97.17#
229.00	19.40	282.59#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\
Quantitation Report (Qedit)

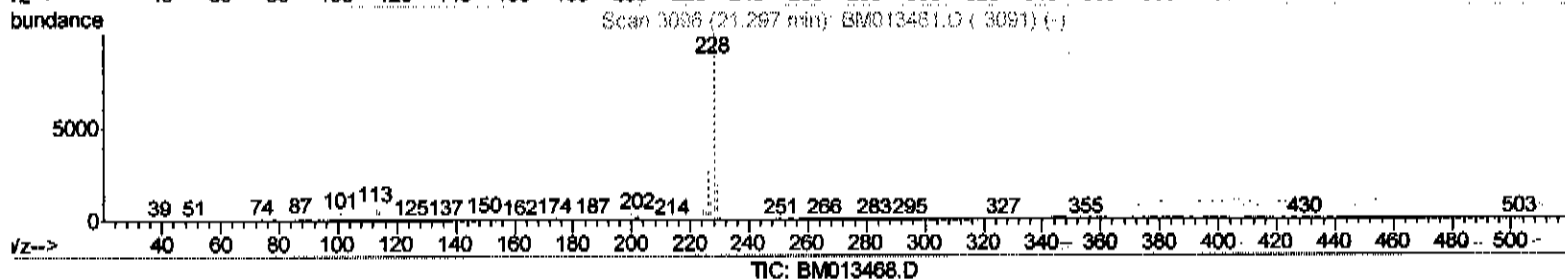
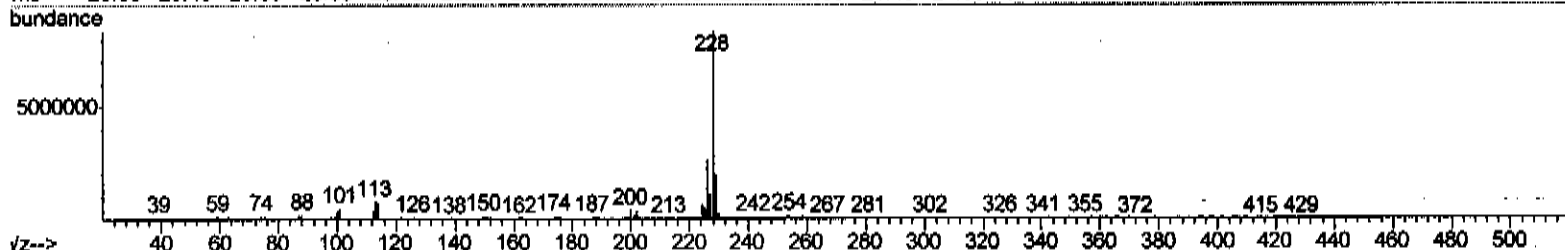
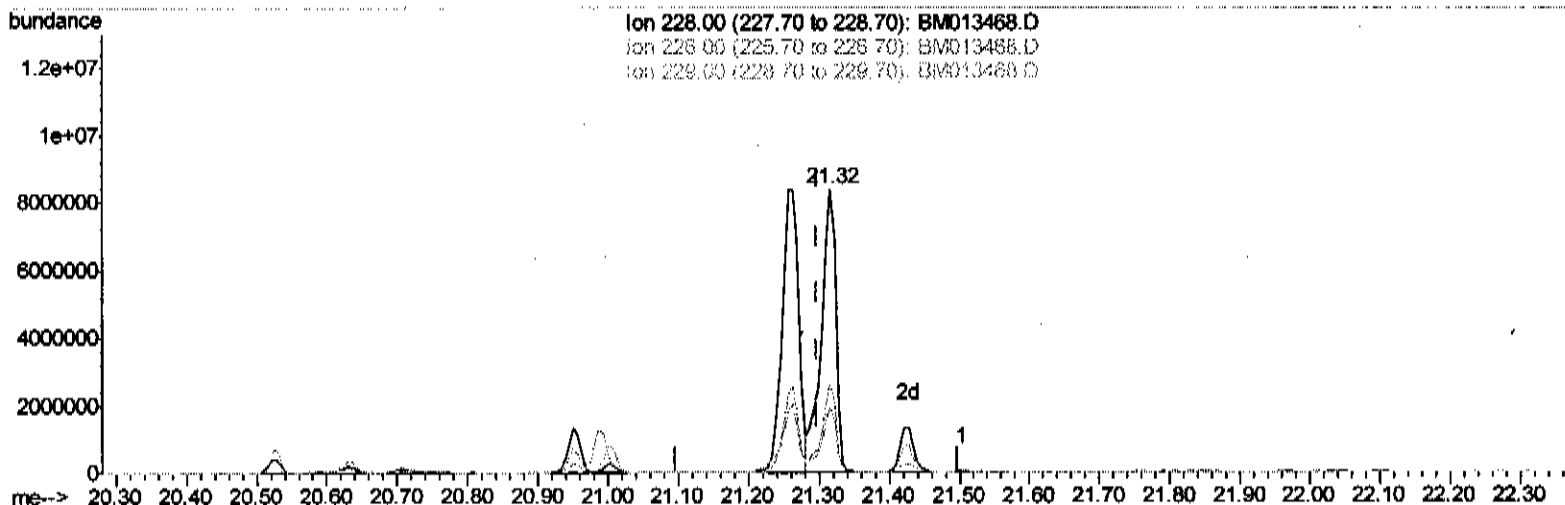
Data File : BM013468.D
Acq On : 16 Dec 2017 08:48
Operator : SJ/JU
Sample : I6775-07 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A10

Manual Integrations
APPROVED

Sohil
12/18/2017 2:09:57 PM

Quant Time: Dec 18 01:25:12 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration



(82) Chrysene

21.316min (+0.018) 193.98ng/ul m

response 12018938

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	30.95
229.00	19.40	23.41#
0.00	0.00	0.00

SJ 12/18/17

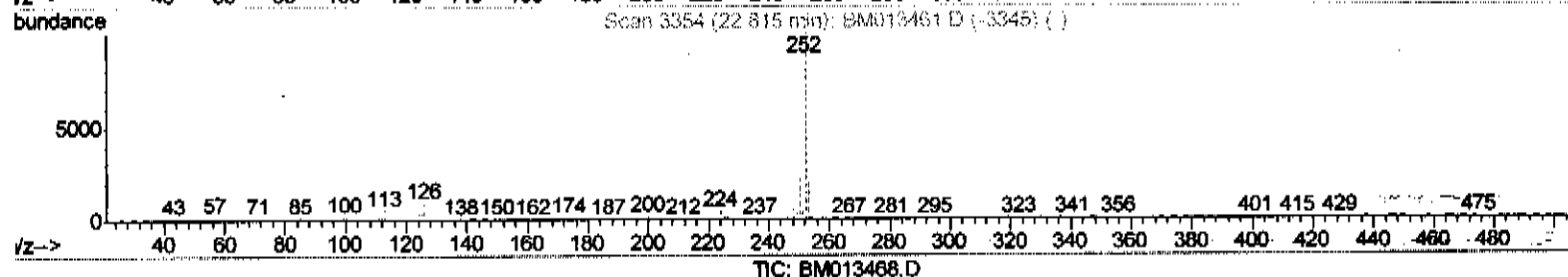
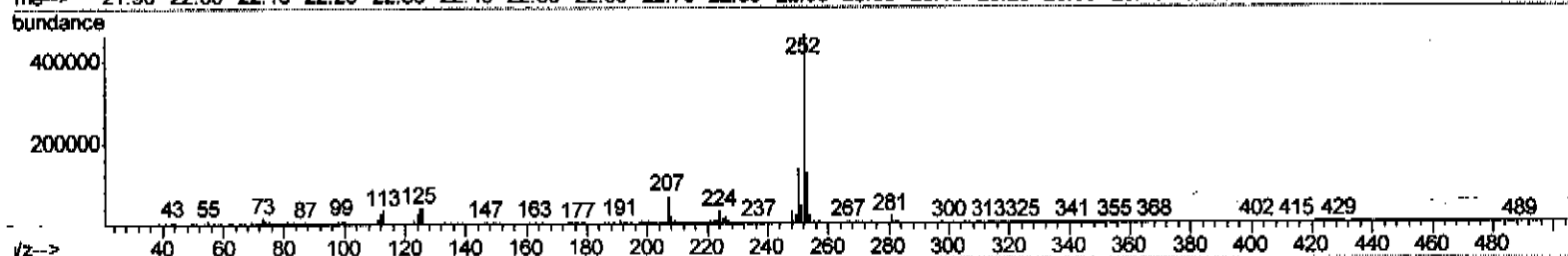
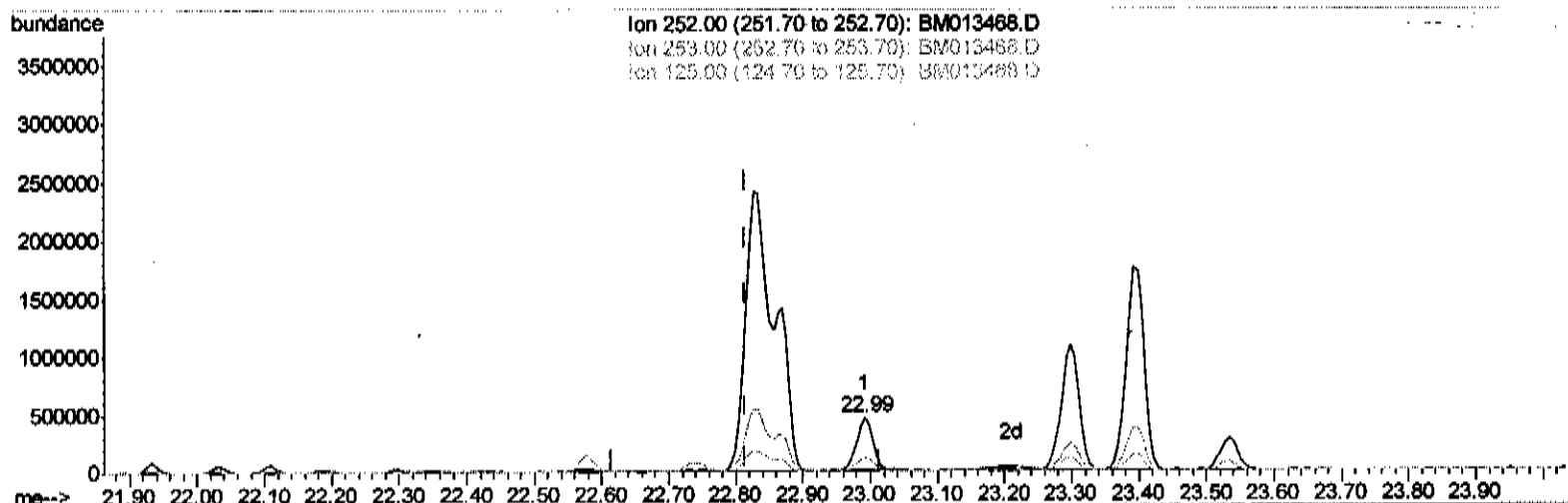
Data File : BM013468.D
Acq On : 16 Dec 2017 08:48
Operator : SJ/JU
Sample : I6775-07 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
F9A10

Manual Integrations
APPROVED

Sohil
12/18/2017 2:09:57 PM

Quant Time: Dec 18 01:25:12 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration



TIC: BM013468.D

(85) Benzo(b)fluoranthene

22.992min (+0.177) 12.53ng/ul

response 745095

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	26.55
125.00	4.50	8.86#
0.00	0.00	0.00

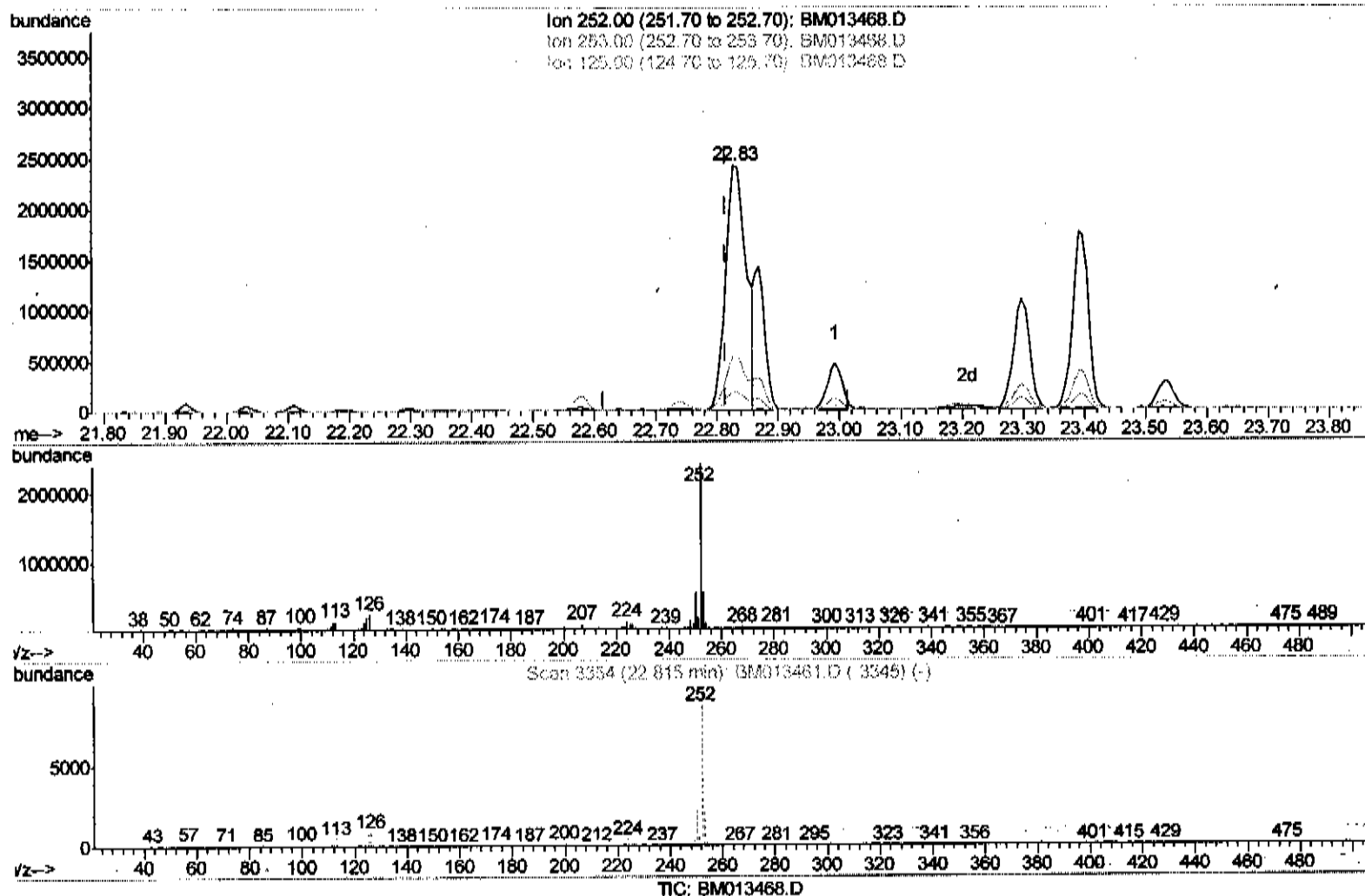
Data File : BM013468.D
Acq On : 16 Dec 2017 08:48
Operator : SJ/JU
Sample : I6775-07 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
F9A10

Manual Integrations
APPROVED

Sohil
12/18/2017 2:09:57 PM

Quant Time: Dec 18 01:25:12 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration



(85) Benzo(b)fluoranthene

22.827min (+0.012) 94.93ng/ul m

response 5644642

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	22.08
125.00	4.50	7.40#
0.00	0.00	0.00

SJ 12/18/17

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\
Quantitation Report (Qedit)

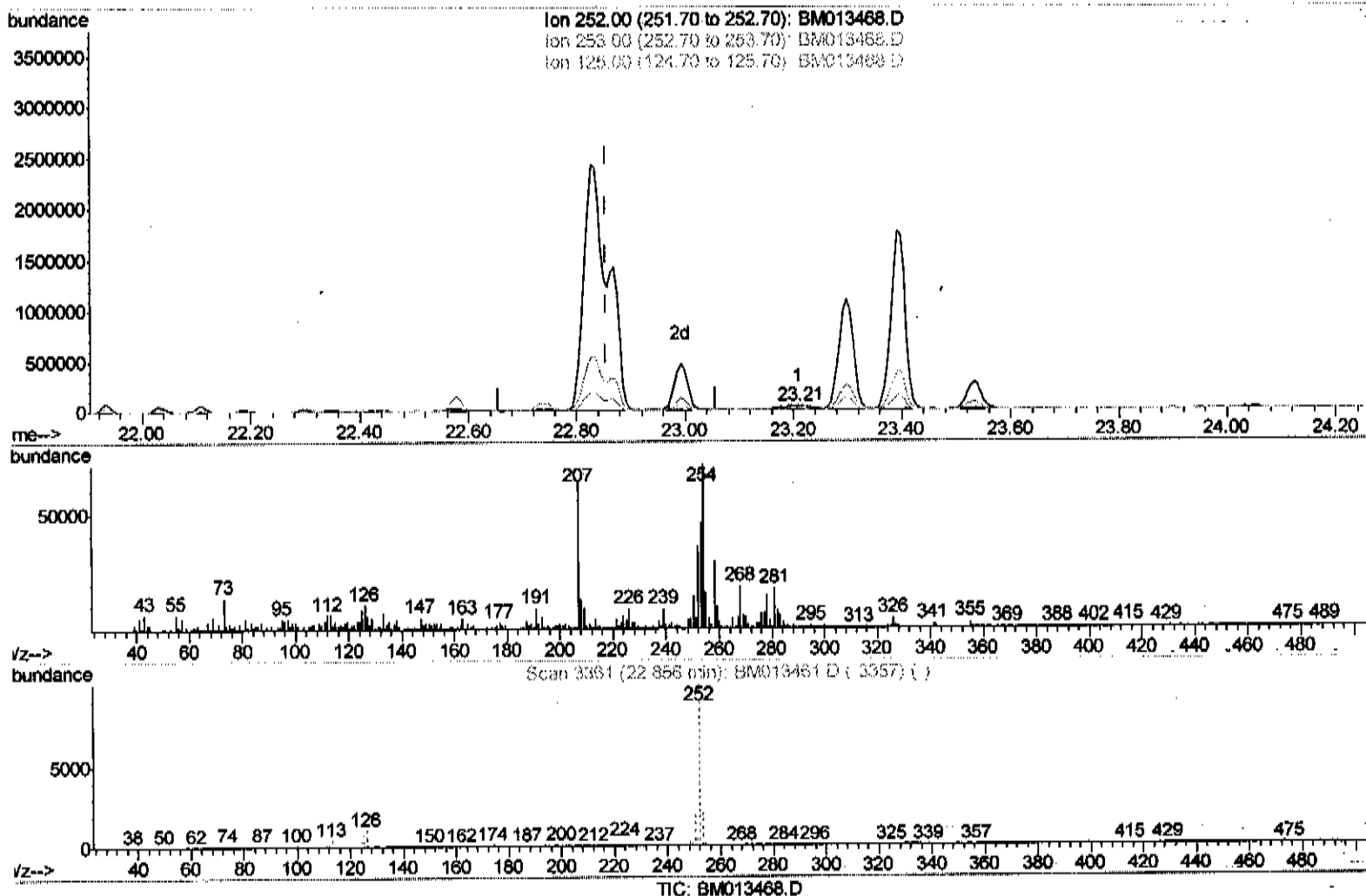
Data File : BM013468.D
Acq On : 16 Dec 2017 08:48
Operator : SJ/JU
Sample : I6775-07 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A10

Manual Integrations
APPROVED

Sohil
12/18/2017 2:09:57 PM

Quant Time: Dec 18 01:25:12 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration



(86) Benzo(k)fluoranthene

23.210min (+0.353) 1.83ng/ul

response 102581

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	129.59#
125.00	4.30	24.80#
0.00	0.00	0.00

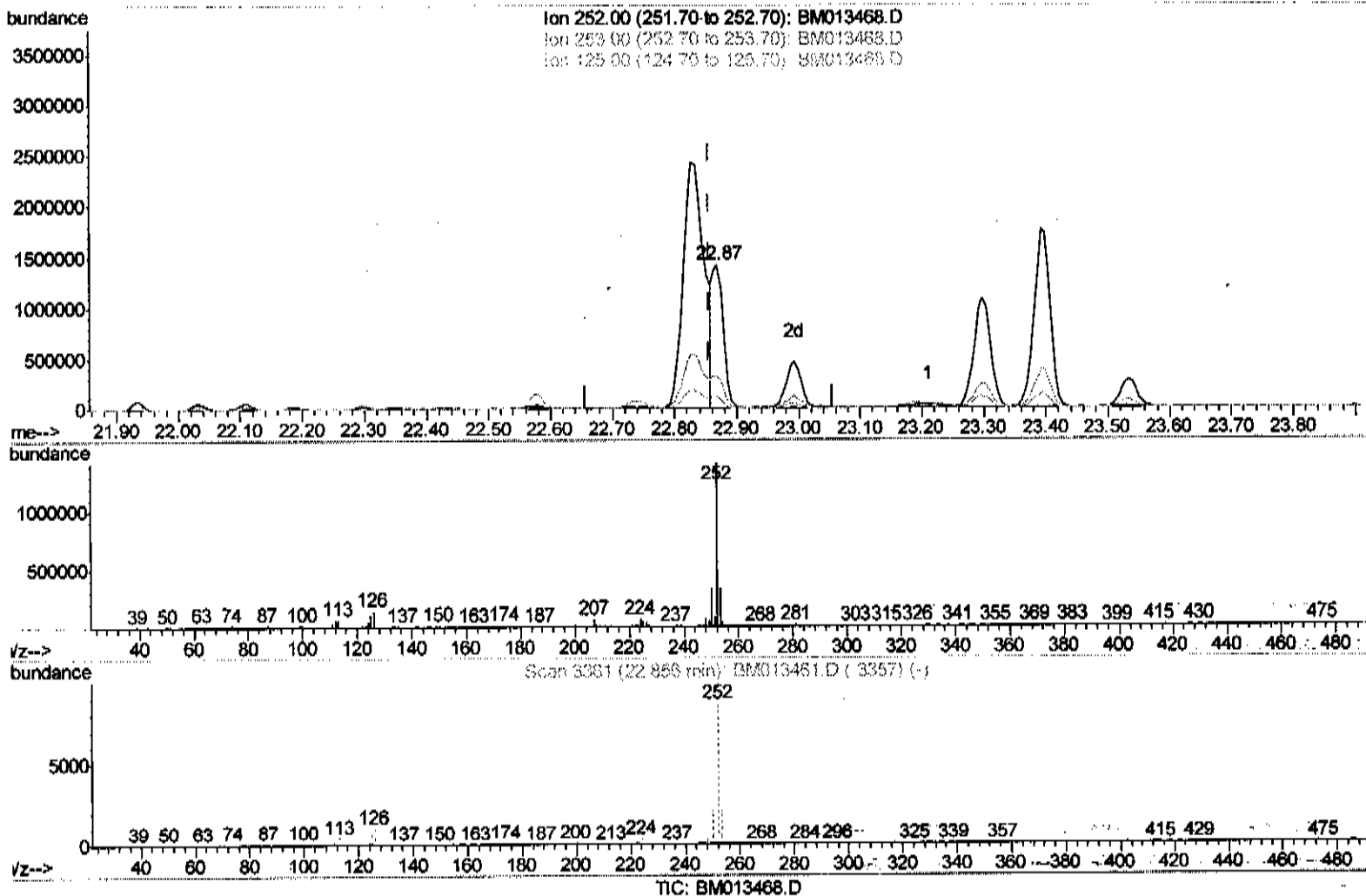
Data File : BM013468.D
Acq On : 16 Dec 2017 08:48
Operator : SJ/JU
Sample : I6775-07 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
F9A10

Manual Integrations
APPROVED

Sohil
12/18/2017 2:09:57 PM

Quant Time: Dec 18 01:25:12 2017
Quant Method : z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration



(88) Benzo(k)fluoranthene

22.868min (+0.012) 31.47ng/ul m

SJ 12/18/17

response 1781115

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.45
125.00	4.30	7.64#
0.00	0.00	0.00

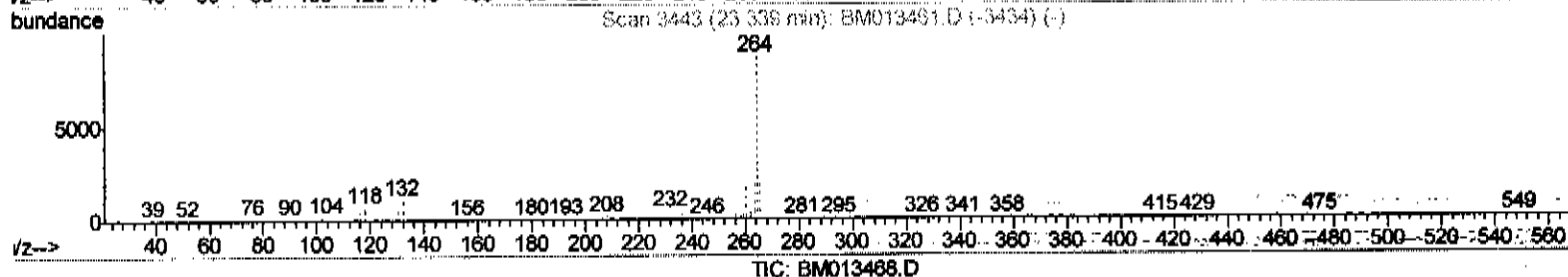
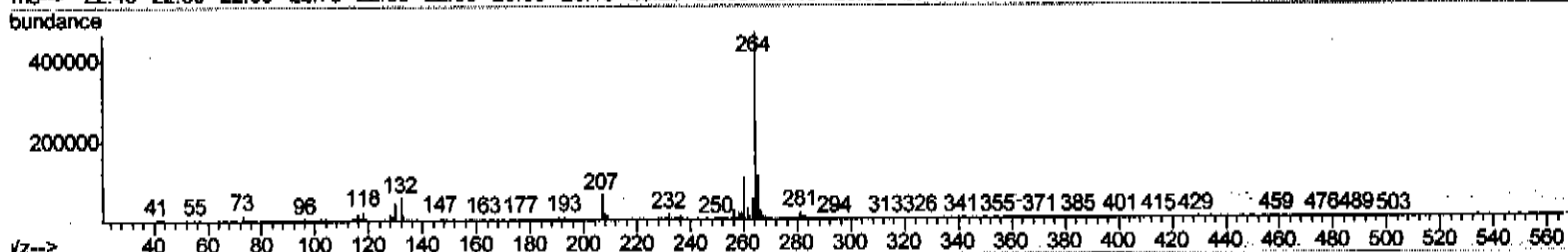
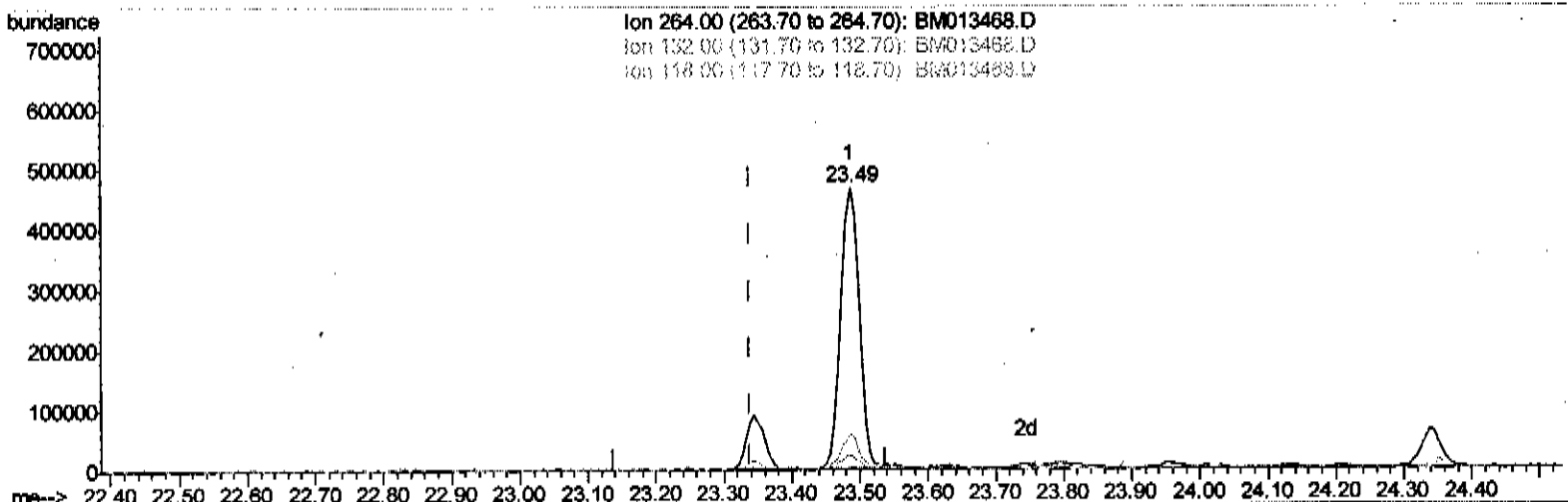
Data File : BM013468.D
Acq On : 16 Dec 2017 08:48
Operator : SJ/JU
Sample : I6775-07 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A10

Manual Integrations
APPROVED

Sohil
12/18/2017 2:09:57 PM

Quant Time: Dec 18 01:25:12 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration



(87) Benzo(a)pyrene-d12 (S)

23.486min (+0.147) 19.52ng/ul

response 876947

Ion	Exp%	Act%
264.00	100	100
132.00	7.70	12.17#
118.00	5.30	4.86
0.00	0.00	0.00

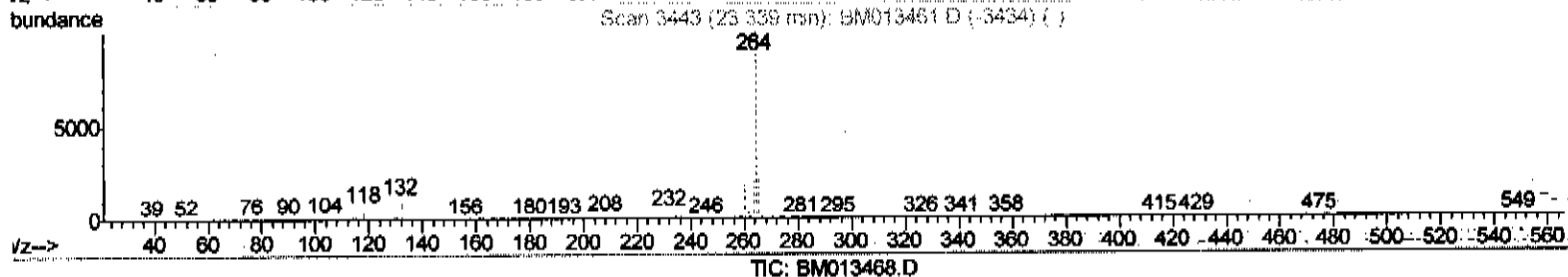
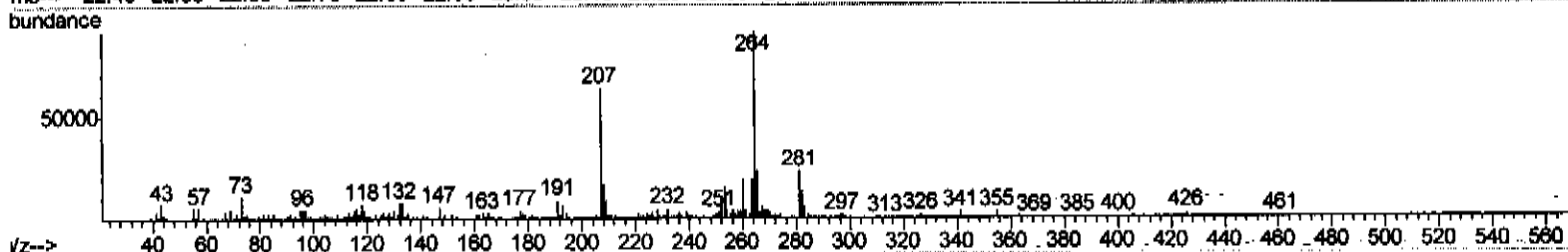
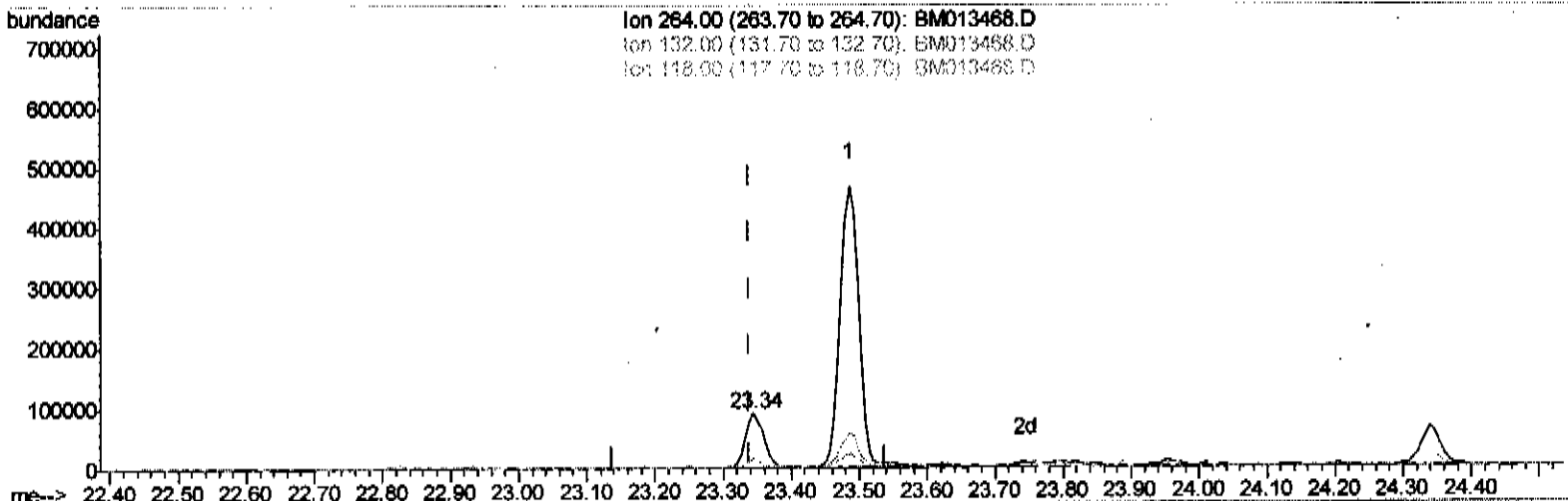
Data File : BM013468.D
Acq On : 16 Dec 2017 08:48
Operator : SJ/JU
Sample : I6775-07 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleID :
F9A10

Manual Integrations
APPROVED

Sohil
12/18/2017 2:09:57 PM

Quant Time: Dec 18 01:25:12 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration



TIC: BM013468.D

(87) Benzo(a)pyrene-d12 (S)

23.345min (+0.006) 3.91ng/ul m

SJ 12/18/17

response 175883

Ion	Exp%	Act%
264.00	100	100
132.00	7.70	9.09
118.00	5.30	8.26#
0.00	0.00	0.00

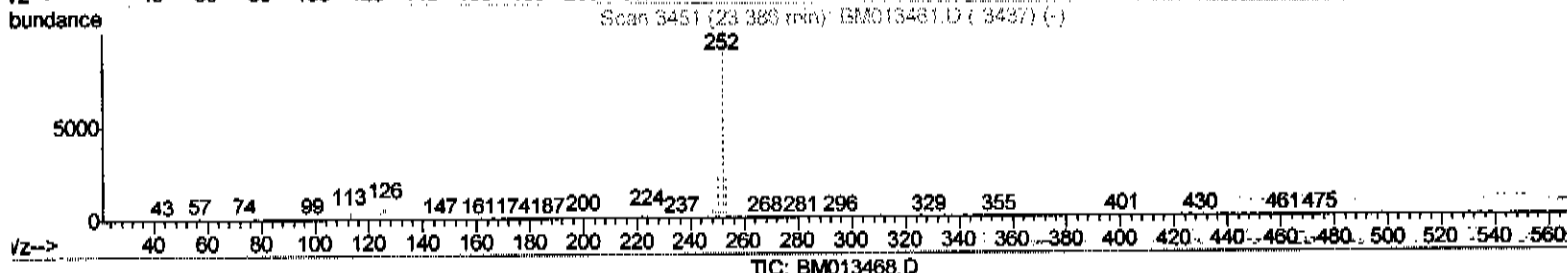
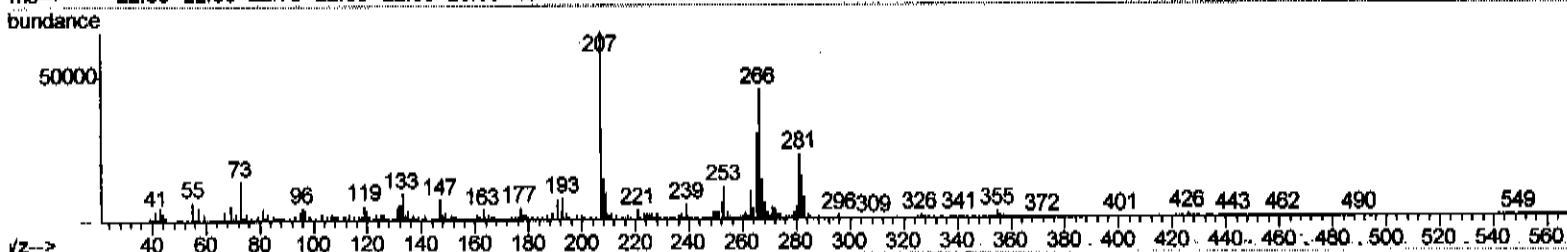
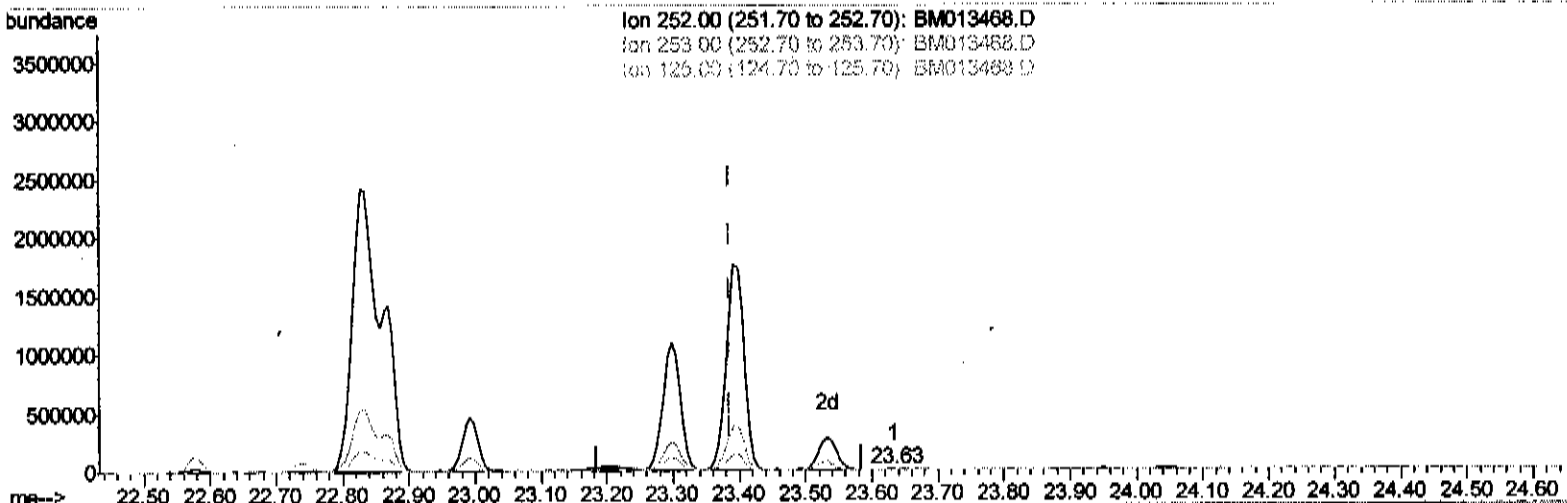
Data File : BM013468.D
Acq On : 16 Dec 2017 08:48
Operator : SJ/JU
Sample : I6775-07 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A10

Manual Integrations
APPROVED

Sohil
12/18/2017 2:09:57 PM

Quant Time: Dec 18 01:25:12 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration



(88) Benzo(a)pyrene (C)

23.633min (+0.247) 0.10ng/ul

response 5276

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	184.82#
125.00	5.00	39.61#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\
Quantitation Report (Qedit)

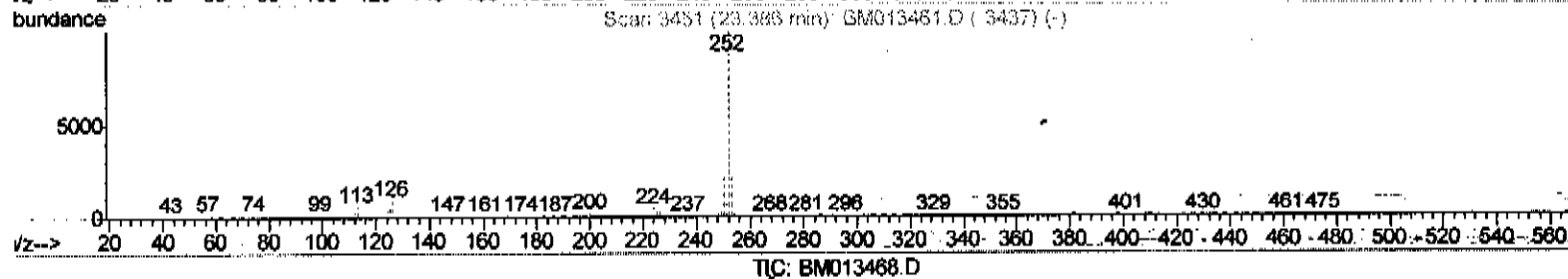
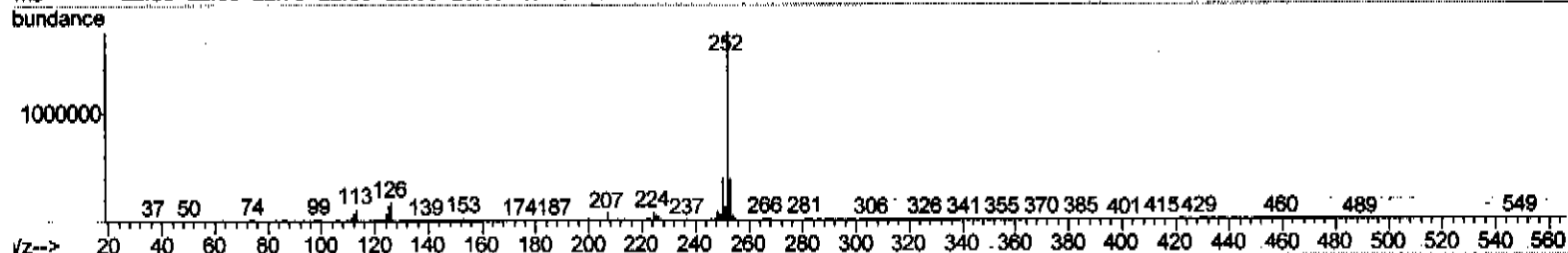
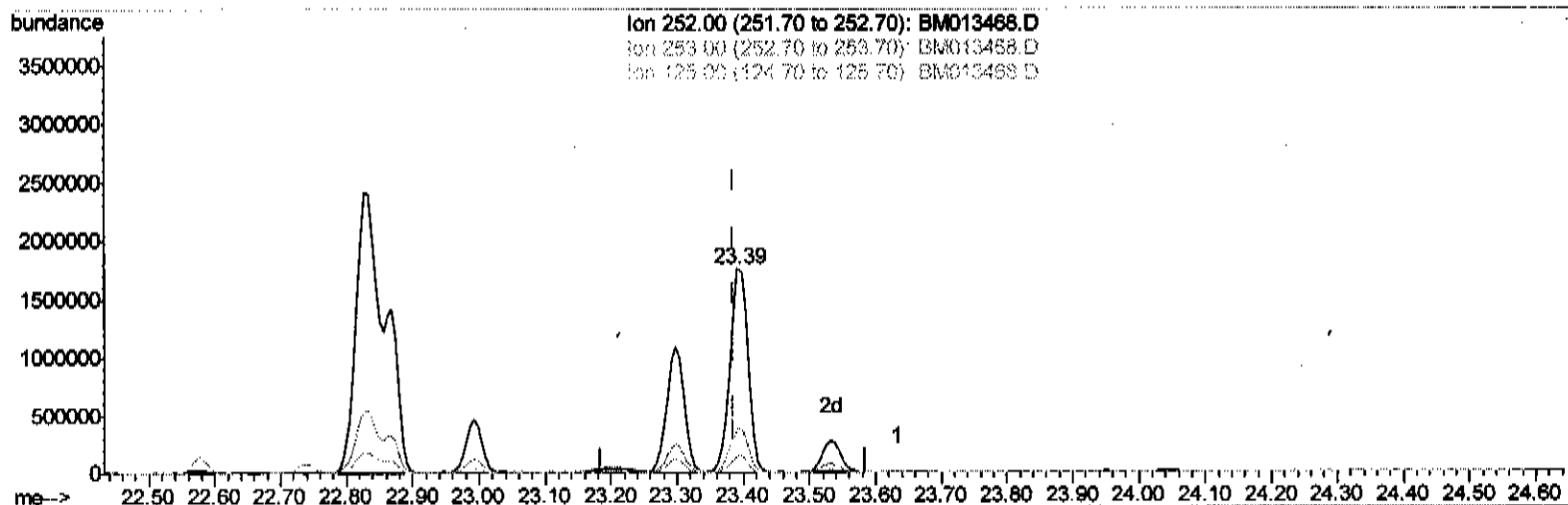
Data File : BM013468.D
Acq On : 16 Dec 2017 08:48
Operator : SJ/JU
Sample : I6775-07 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
F9A10

Manual Integrations
APPROVED

Sohil
12/18/2017 2:09:57 PM

Quant Time: Dec 18 01:25:12 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration



(88) Benzo(a)pyrene (C)

23.392min (+0.006) 59.83ng/ul m

SJ 12/18/17

response 3195742

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	21.62
125.00	5.00	8.26#
0.00	0.00	0.00

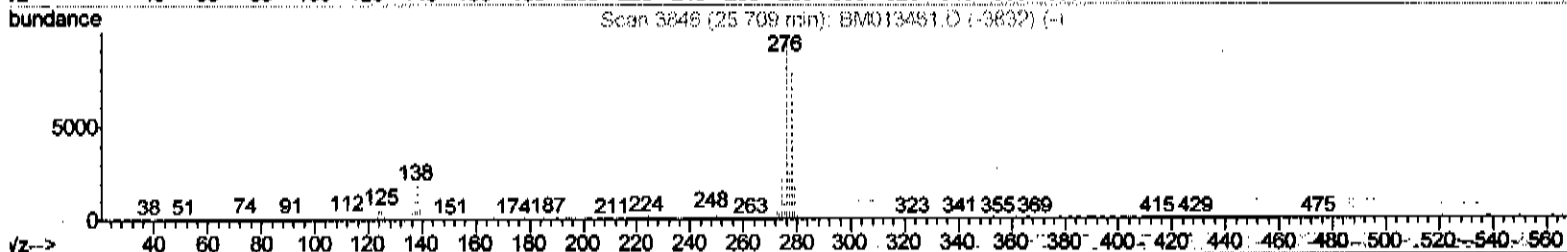
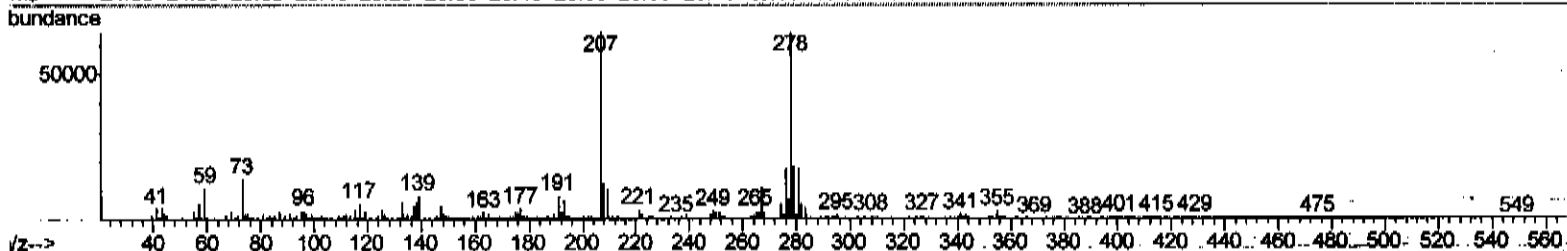
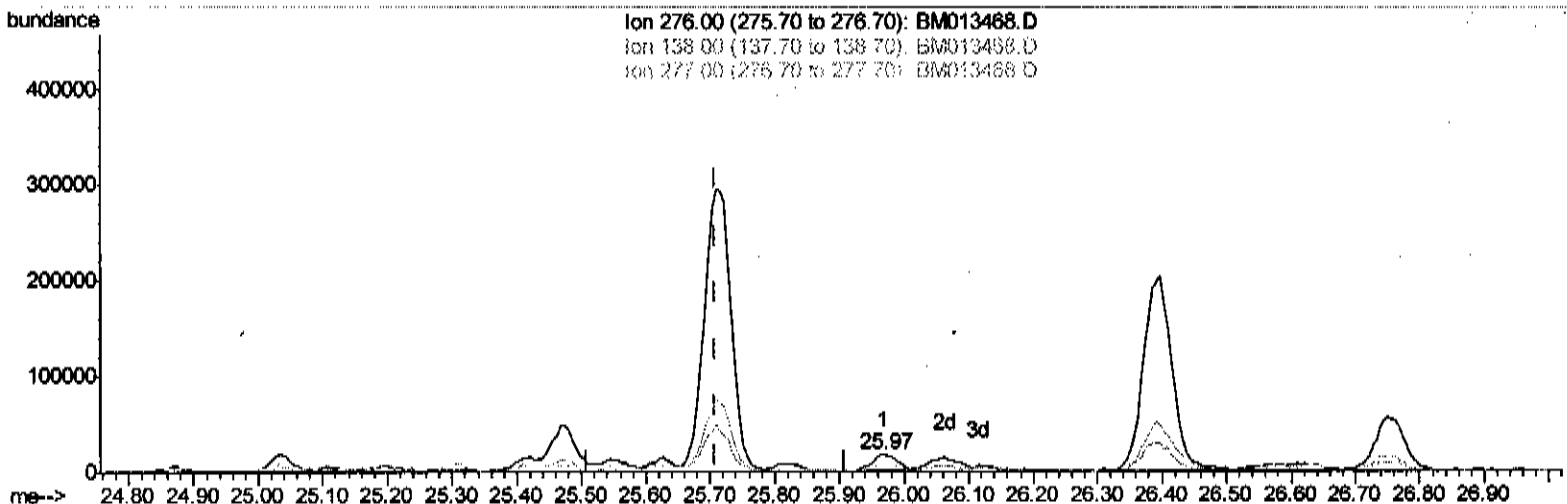
Data File : BM013468.D
Acq On : 16 Dec 2017 08:48
Operator : SJ/JU
Sample : I6775-07 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A10

Manual Integrations
APPROVED

Sohil
12/18/2017 2:09:57 PM

Quant Time: Dec 18 01:25:12 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration



TIC: BM013468.D

(89) Indeno(1,2,3-cd)pyrene

25.968min (+0.259) 0.93ng/ul

response 49259

Ion	Exp%	Act%
276.00	100	100
138.00	11.60	37.15#
277.00	24.90	41.39#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\

Quantitation Report (Qedit)

Data File : BM013468.D

Acq On : 16 Dec 2017 08:48

Operator : SJ/JU

Sample : I6775-07 5X

Misc :

ALS Vial : 25 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

F9A10

Manual Integrations
APPROVED

Sohil

12/18/2017 2:09:57 PM

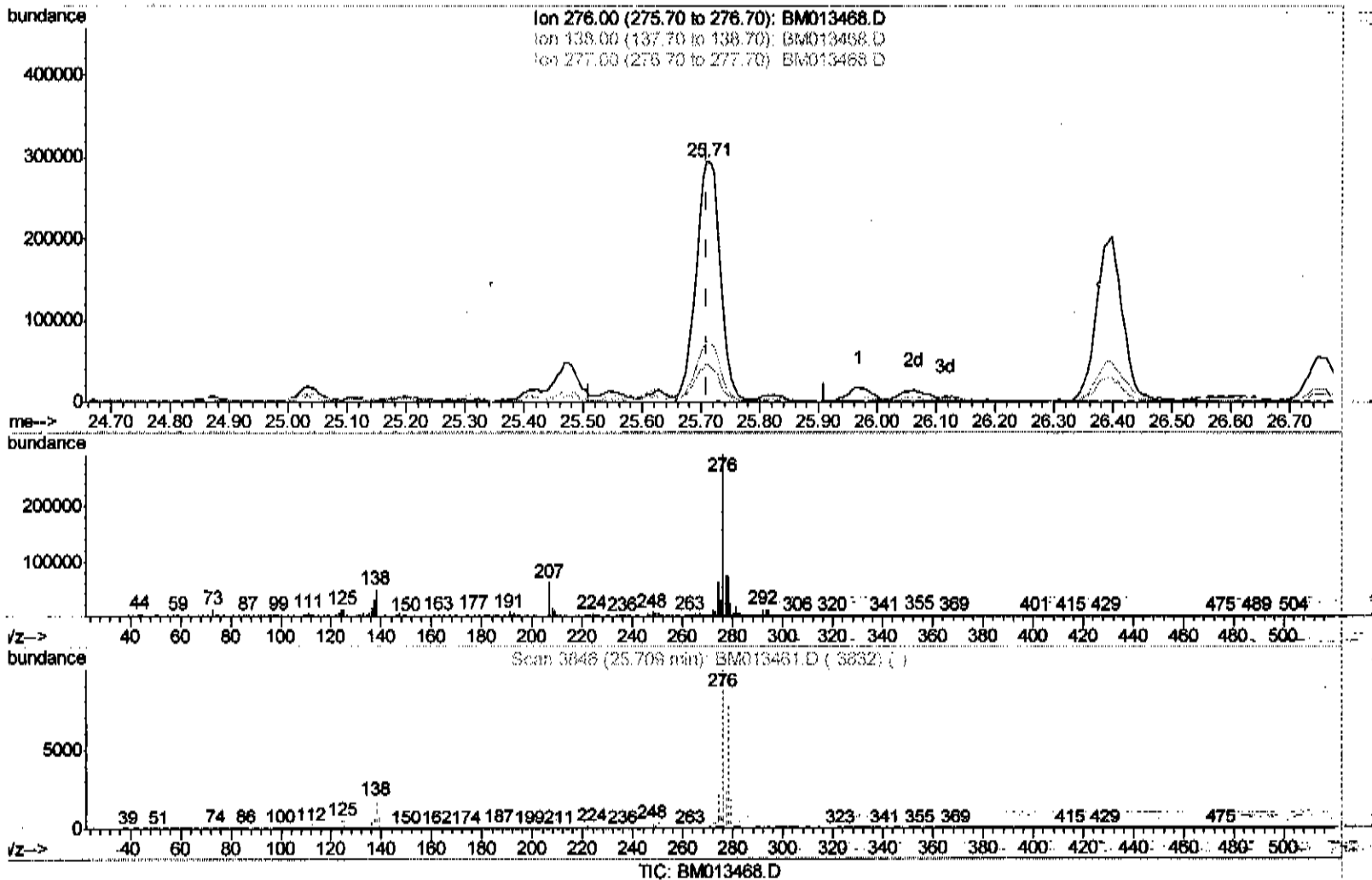
Quant Time: Dec 18 01:25:12 2017

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat Dec 16 00:23:08 2017

Response via : Initial Calibration



(89) Indeno(1,2,3-cd)pyrene

25.709min (+0.000) 15.98ng/ul m

response 846769

Ion	Exp%	Act%
276.00	100	100
138.00	11.60	16.86#
277.00	24.90	25.38
0.00	0.00	0.00

SJ 12/18/17

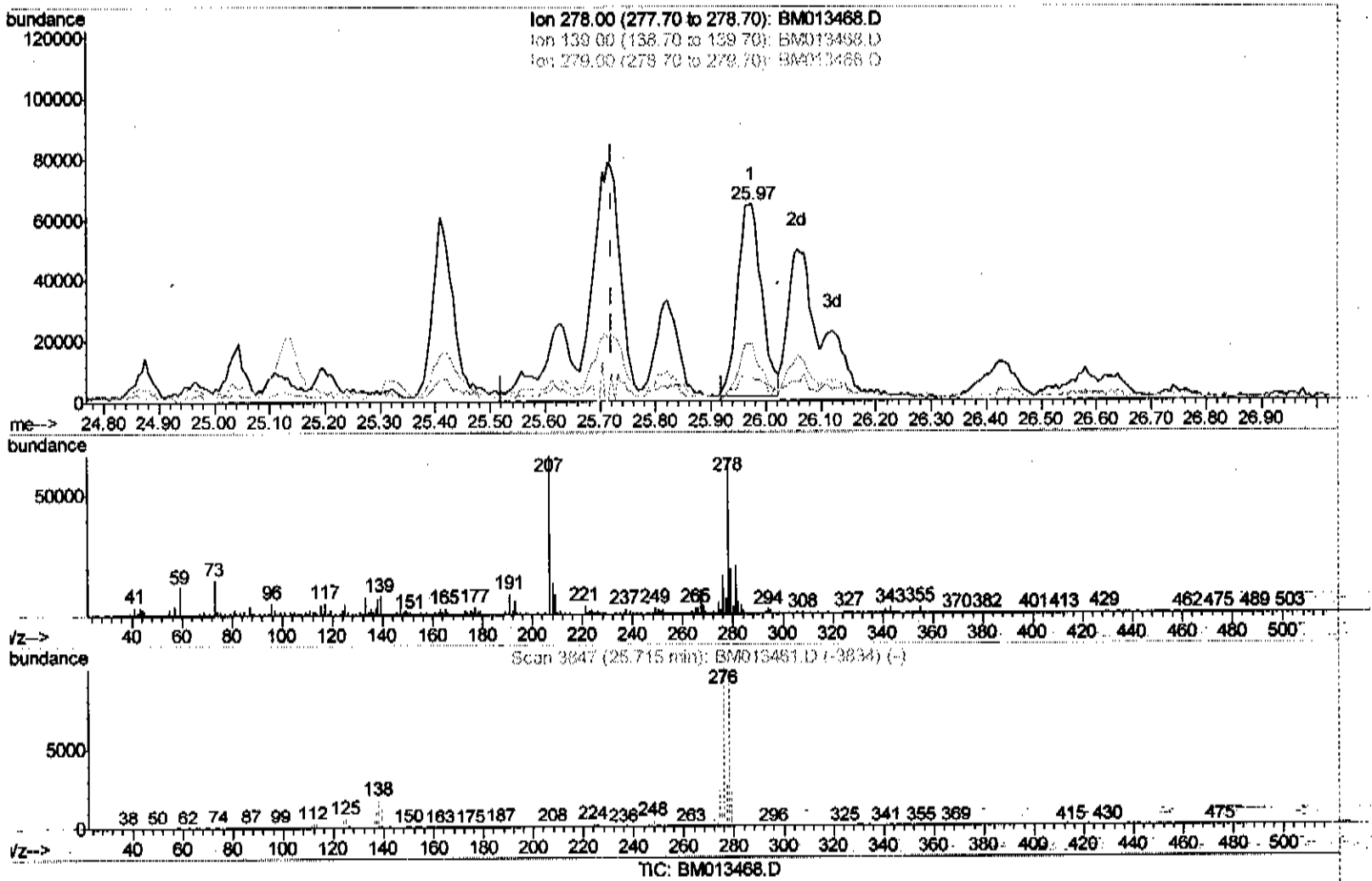
Data File : BM013468.D
Acq On : 16 Dec 2017 08:48
Operator : SJ/JU
Sample : I6775-07 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A10

Manual Integrations
APPROVED

Sohil
12/18/2017 2:09:57 PM

Quant Time: Dec 18 01:25:12 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration



(90) Dibenzo(a,h)anthracene

25.974min (+0.253) 4.22ng/ui

response 190304

Ion	Exp%	Act%
278.00	100	100
139.00	7.30	12.85#
279.00	23.20	29.17#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\
Quantitation Report (Qedit)

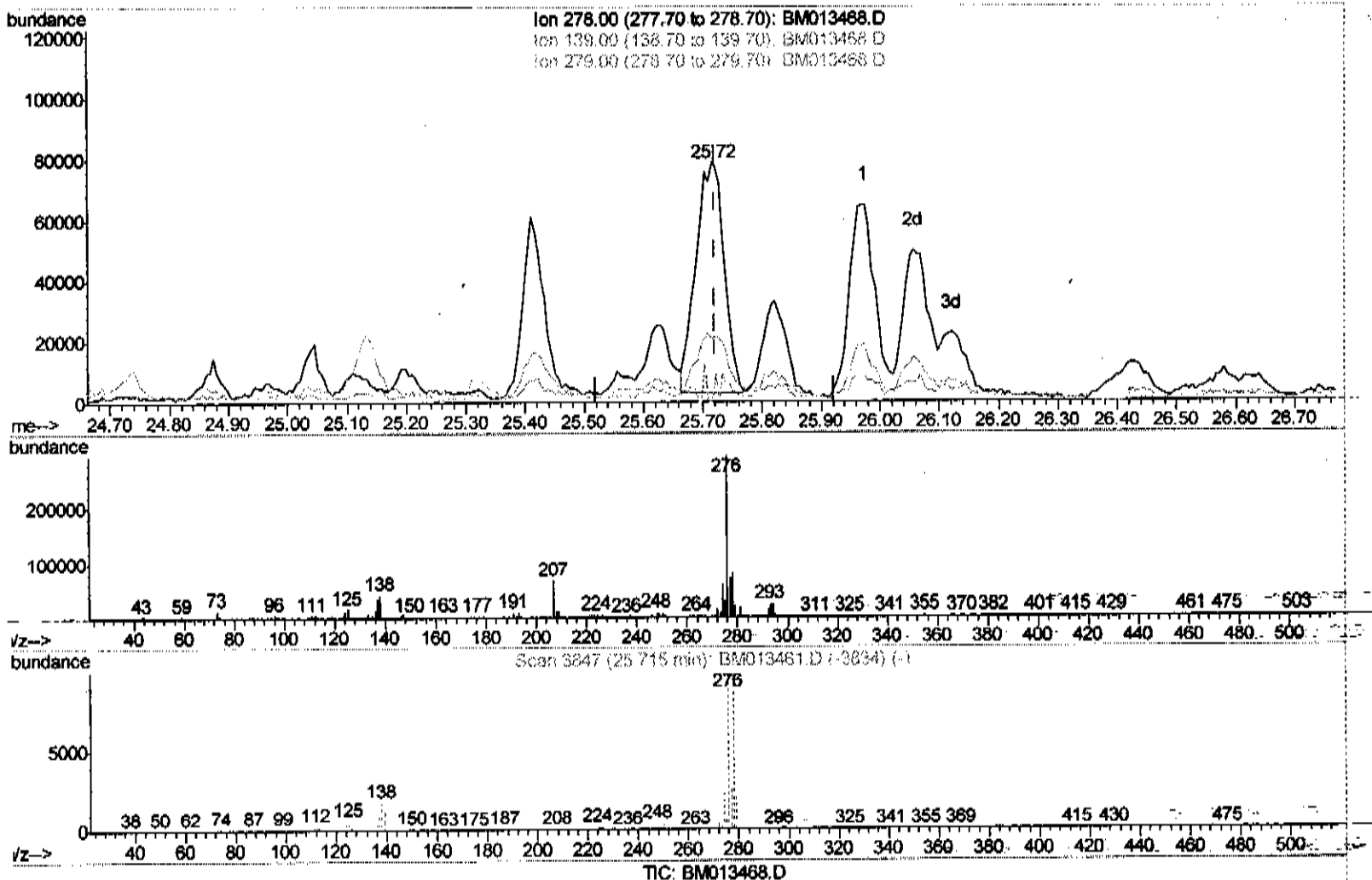
Data File : BM013468.D
Acq On : 16 Dec 2017 08:48
Operator : SJ/JU
Sample : I6775-07 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
F9A10

Manual Integrations
APPROVED

Sohil
12/18/2017 2:09:57 PM

Quant Time: Dec 18 01:25:12 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration



(90) Dibenzo(a,h)anthracene

25.715min (-0.006) 5.53ng/ul m

SJ 12/18/17

response 249764

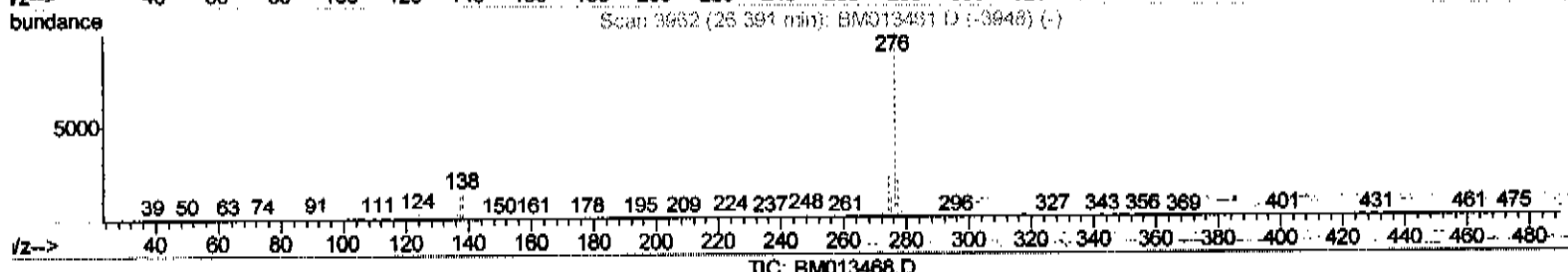
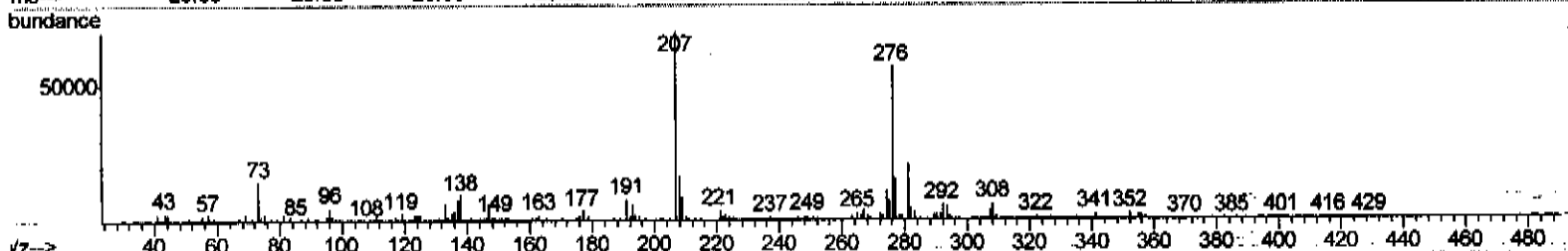
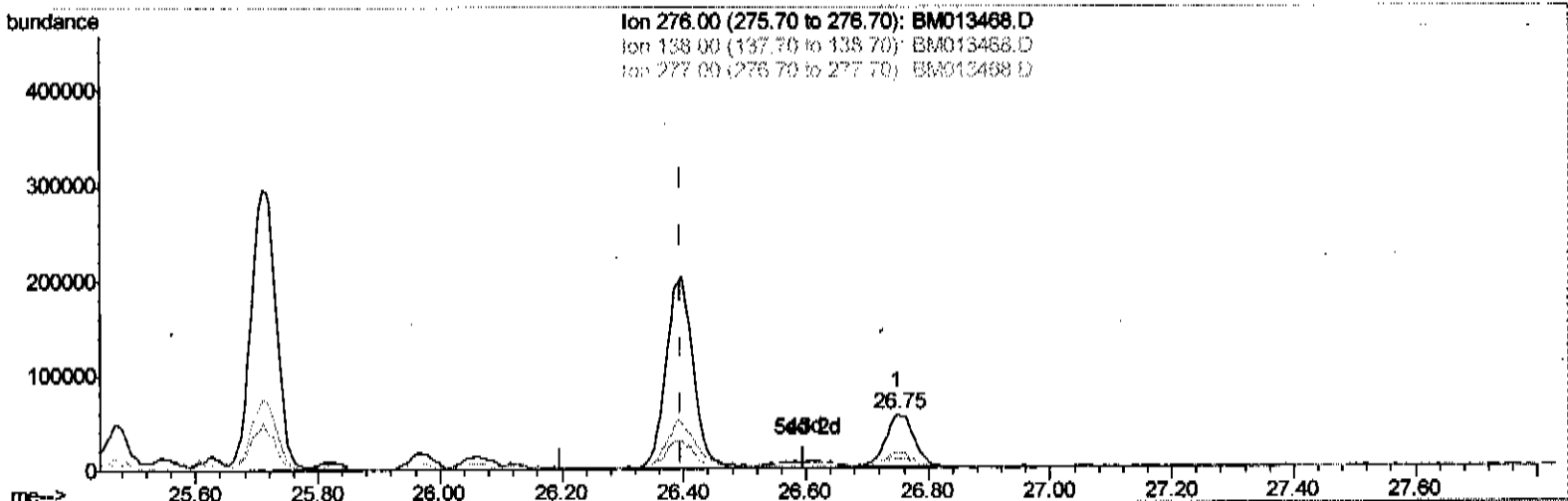
Ion	Exp%	Act%
278.00	100	100
139.00	7.30	0.00#
279.00	23.20	25.58
0.00	0.00	0.00

Data File : BM013468.D
Acq On : 16 Dec 2017 08:48
Operator : SJ/JU
Sample : I6775-07 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A10

Manual Integrations
APPROVED
Sohil
12/18/2017 2:09:57 PM

Quant Time: Dec 18 01:25:12 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration



TIC: BM013468.D

(91) Benzo(g,h,i)perylene

26.751min (+0.353) 4.21ng/ul

response 175959

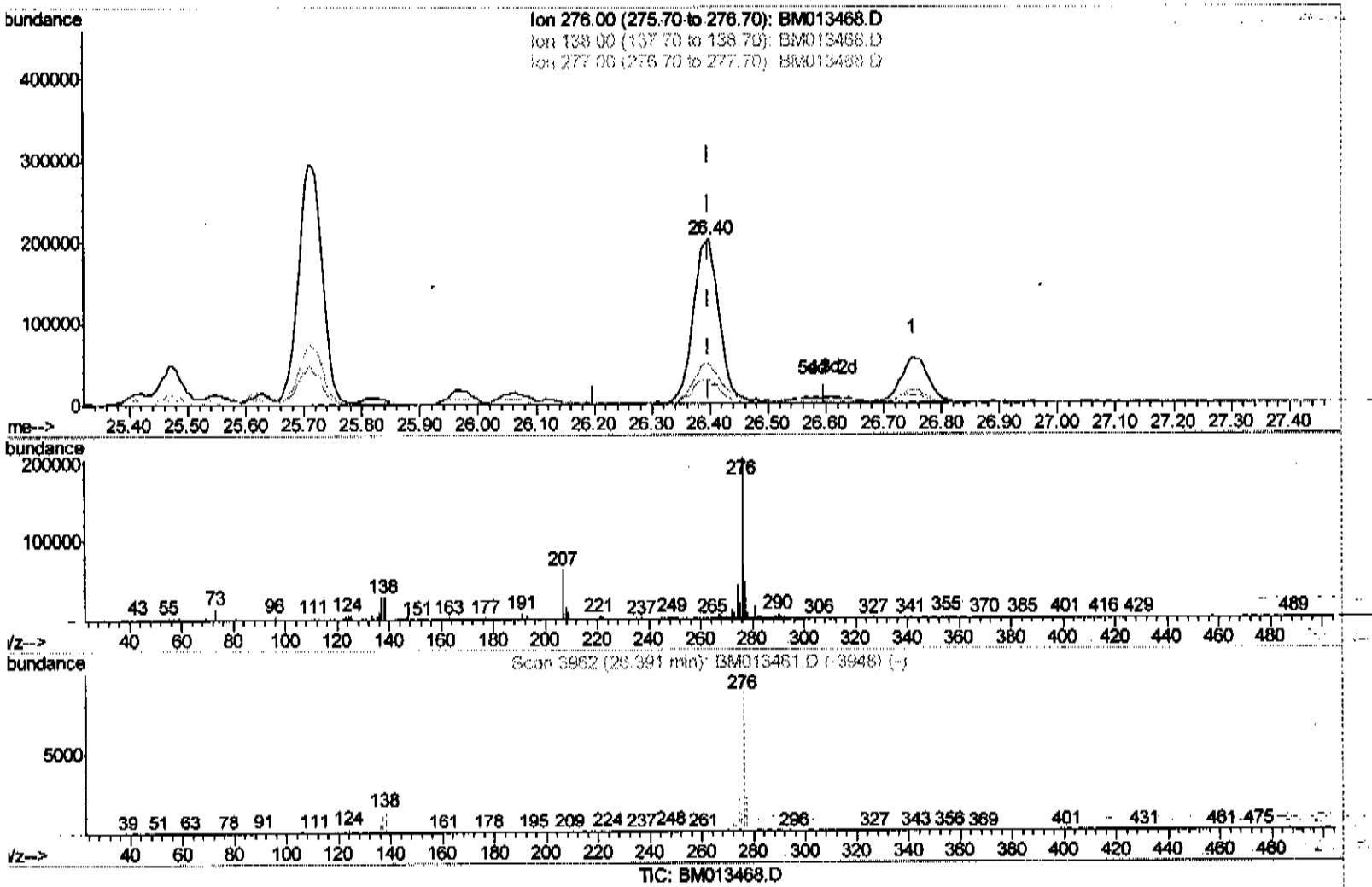
Ion	Exp%	Act%
276.00	100	100
138.00	10.60	17.07#
277.00	23.30	27.62
0.00	0.00	0.00

Data File : BM013468.D
Acq On : 16 Dec 2017 08:48
Operator : SJ/JU
Sample : I6775-07 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A10

Manual Integrations
APPROVED
Sohil
12/18/2017 2:09:57 PM

Quant Time: Dec 18 01:25:12 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration



(91) Benzo(g,h,i)perylene

26.398min (+0.000) 15.03ng/ul m

5712/18/17

response 628110

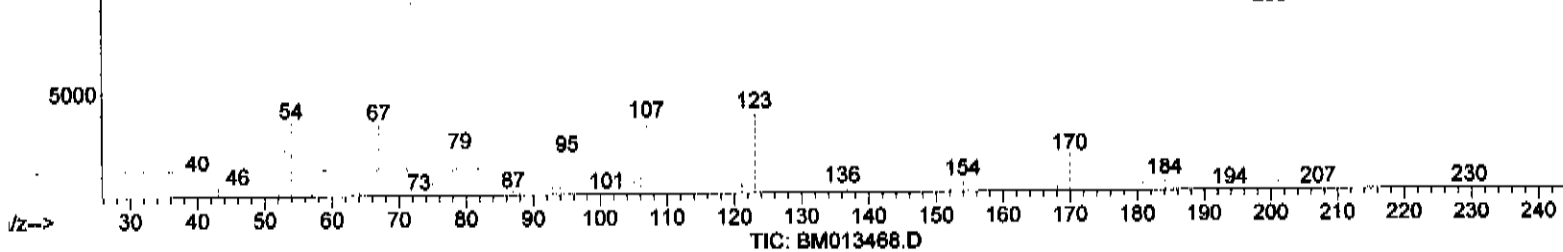
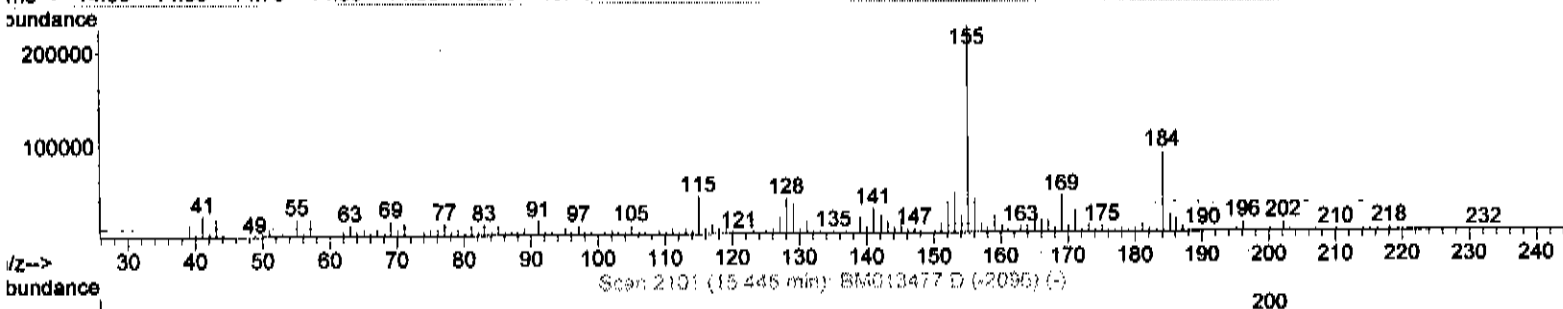
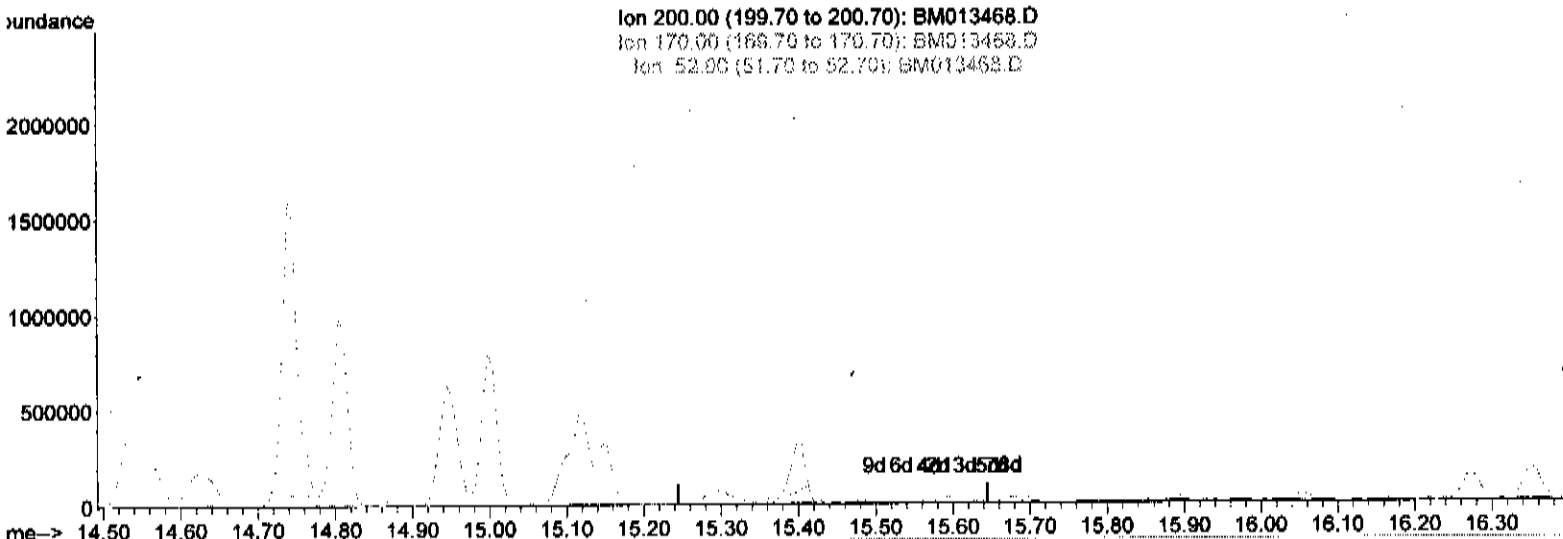
Ion	Exp%	Act%
276.00	100	100
138.00	10.60	14.45#
277.00	23.30	23.66
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\Data\BM121517\
Data File : BM013468.D
Acq On : 16 Dec 2017 08:48
Operator : SJ/JU
Sample : I6775-07 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
F9A10

Manual Integrations
APPROVED
Sohil
12/18/2017 2:09:57 PM

Quant Time: Dec 18 01:33:57 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration



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

15.445min (-15.445) 0.00ng/ul d

response 0

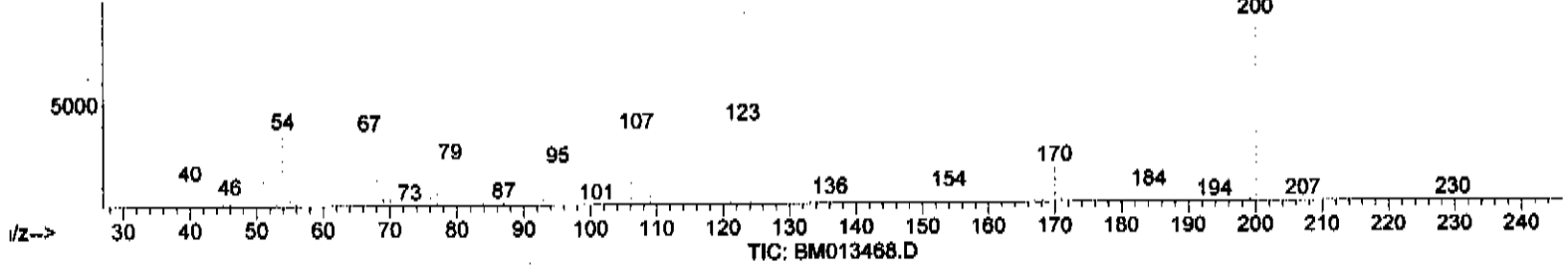
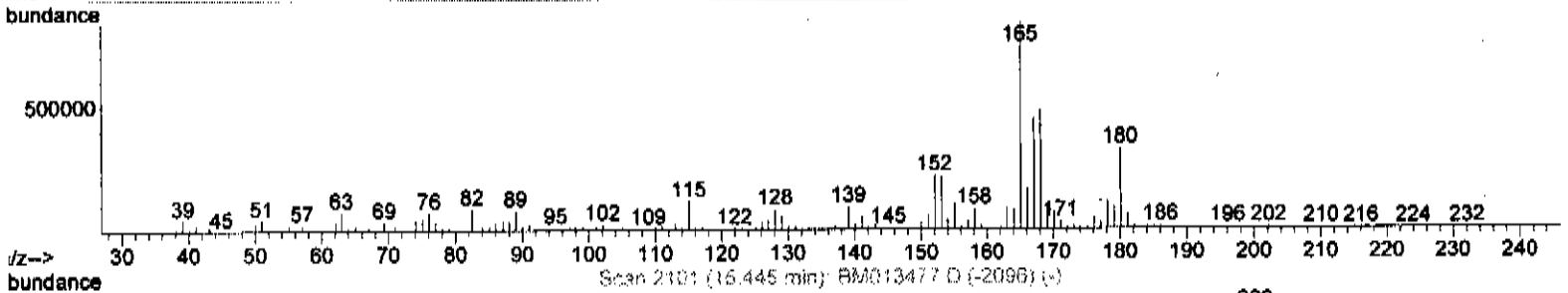
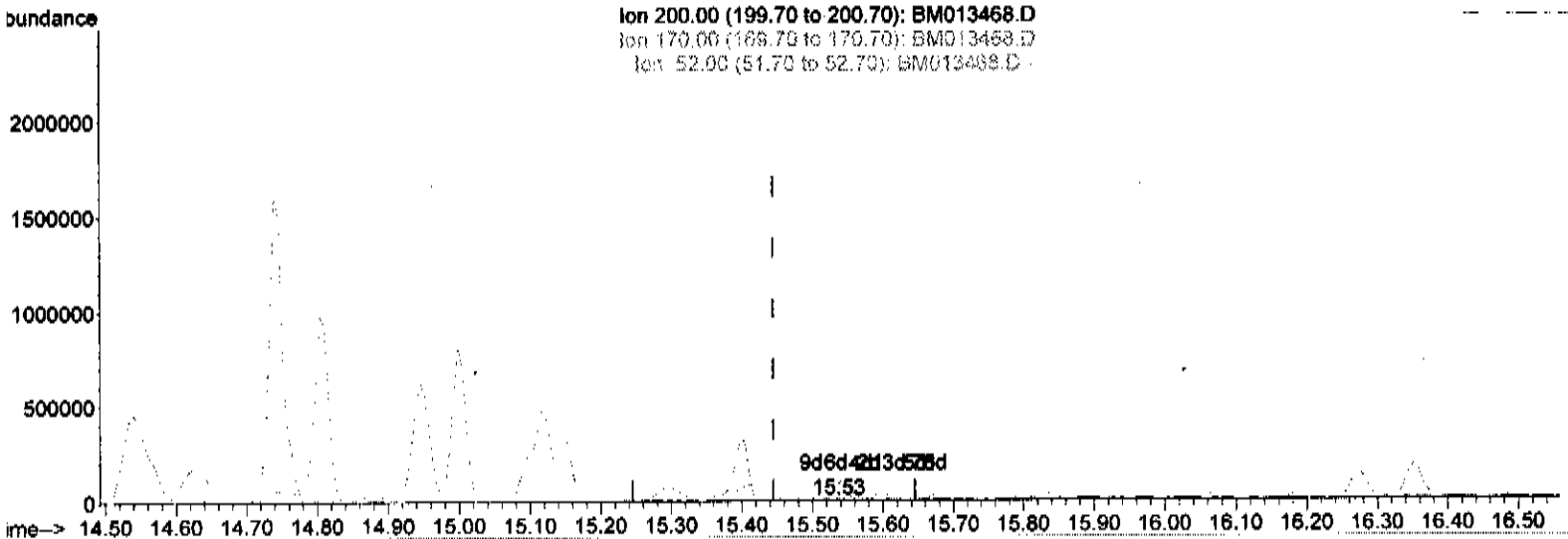
Ion	Exp%	Act%
200.00	100	0.00
170.00	23.50	0.00
52.00	49.50	0.00
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\Data\BM121517\
Data File : BM013468.D
Acq On : 16 Dec 2017 08:48
Operator : SJ/JU
Sample : I6775-07 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A10

Quant Time: Dec 18 01:33:57 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration

Manual Integrations
APPROVED
Sohil
12/18/2017 2:09:57 PM



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

15.534min (+0.089) 1.84ng/ul m

SJ 12/18/17

response 16464

Ion	Exp%	Act%
200.00	100	100
170.00	23.50	1192.58#
52.00	49.50	168.28#
0.00	0.00	0.00

Instrument :
BNA_M
ClientSampleId :
F9A10

Sohil
12/18/2017 2:09:57 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	259948	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	1178998	20.00	ng/ul	0.05
35) Acenaphthene-d10	14.33	164	718888m	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.13	188	1420673m	20.00	ng/ul	0.07
75) Chrysene-d12	21.27	240	1052448m	20.00	ng/ul	0.02
83) Perylene-d12	23.49	264	882032m	20.00	ng/ul	0.00

3)	1,4-Dioxane-d8	3.23	96	2213	0.42 ng/uL	0.00
5)	Phenol-d5	6.85	99	73724	3.28 ng/ul	0.00
7)	Bis-(2-Chloroethyl)ether-d	7.02	67	49409	3.85 ng/ul	0.00
9)	2-Chlorophenol-d4	7.21	132	61321	3.49 ng/ul	0.00
13)	4-Methylphenol-d8	8.38	113	62305	3.24 ng/ul	0.00
19)	Nitrobenzene-d5	8.83	128	39813	4.26 ng/ul	0.00
22)	2-Nitrophenol-d4	9.55	143	34658	3.46 ng/ul	0.00
26)	2,4-Dichlorophenol-d3	10.10	165	64618	3.13 ng/ul	0.02
29)	4-Chloroaniline-d4	10.60	131	163812m	8.64 ng/ul	0.00
43)	Dimethylphthalate-d6	13.75	166	217413	3.40 ng/ul	0.01
46)	Acenaphthylene-d8	14.02	160	265502m	3.36 ng/ul	0.00
51)	4-Nitrophenol-d4	14.55	143	69453m	6.25 ng/ul	0.01
57)	Fluorene-d10	15.33	176	188515m	3.43 ng/ul	0.01
62)	4,6-Dinitro-2-methylphenol	15.53	200	16464m	1.84 ng/ul	0.09
70)	Anthracene-d10	17.23	188	263420	3.70 ng/ul	0.06
76)	Pyrene-d10	19.49	212	280796m	5.36 ng/ul	0.03
87)	Benzo(a)pyrene-d12	23.34	264	175883m	3.91 ng/ul	0.00

Sample	Concentration (ng/g)	Concentration (ng/g)	Concentration (ng/g)	Concentration (ng/g)
11) 2-Methylphenol	8.12	108	103546	6.022 ng/g
16) 4-Methylphenol	8.45	108	161599	8.788 ng/g
24) 2,4-Dimethylphenol	9.65	107	686133m	30.324 ng/g
28) Naphthalene	10.51	128	56298487m	928.128 ng/g
34) 2-Methylnaphthalene	12.14	142	21782932m	477.714 ng/g
40) 1,1'-Biphenyl	13.16	154	9107373	149.899 ng/g
47) Acenaphthylene	14.05	152	2033564	27.836 ng/g
49) Acenaphthene	14.40	153	29980667m	602.430 ng/g
53) Dibenzofuran	14.73	168	25747077m	350.451 ng/g
55) 2,3,4,6-Tetrachlorophenol	14.97	232	247115	15.689 ng/g
58) Fluorene	15.39	166	28233764m	464.538 ng/g
68) Pentachlorophenol	16.80	266	11808012	1108.521 ng/g
69) Phenanthrene	17.13	178	56648939m	701.873 ng/g
71) Anthracene	17.25	178	16442584m	199.304 ng/g
72) Carbazole	17.50	167	12899182	181.777 ng/g
74) Fluoranthene	19.15	202	38120896m	385.413 ng/g
77) Pyrene	19.51	202	33501709m	523.962 ng/g
80) Benzo(a)anthracene	21.26	228	13818785m	206.945 ng/g
82) Chrysene	21.32	228	12016938m	193.976 ng/g
85) Benzo(b)fluoranthene	22.83	252	5644642m	94.933 ng/g
86) Benzo(k)fluoranthene	22.87	252	1761115m	31.474 ng/g
88) Benzo(a)pyrene	23.39	252	3195742m	59.832 ng/g
89) Indeno(1,2,3-cd)pyrene	25.71	276	846769m	15.978 ng/g

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM121517\
 Data File : BM013468.D
 Acq On : 16 Dec 2017 08:48
 Operator : SJ/JU
 Sample : I6775-07 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Dec 18 10:56:28 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 16 00:23:08 2017
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 F9A10

Manual Integrations
 APPROVED

Sohil
 12/18/2017 2:09:57 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
90) Dibenzo(a,h)anthracene	25.72	278	249764m	5.535 ng/ul	
91) Benzo(g,h,i)perylene	26.40	276	628110m	15.025 ng/ul	

S. J 12/18

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