

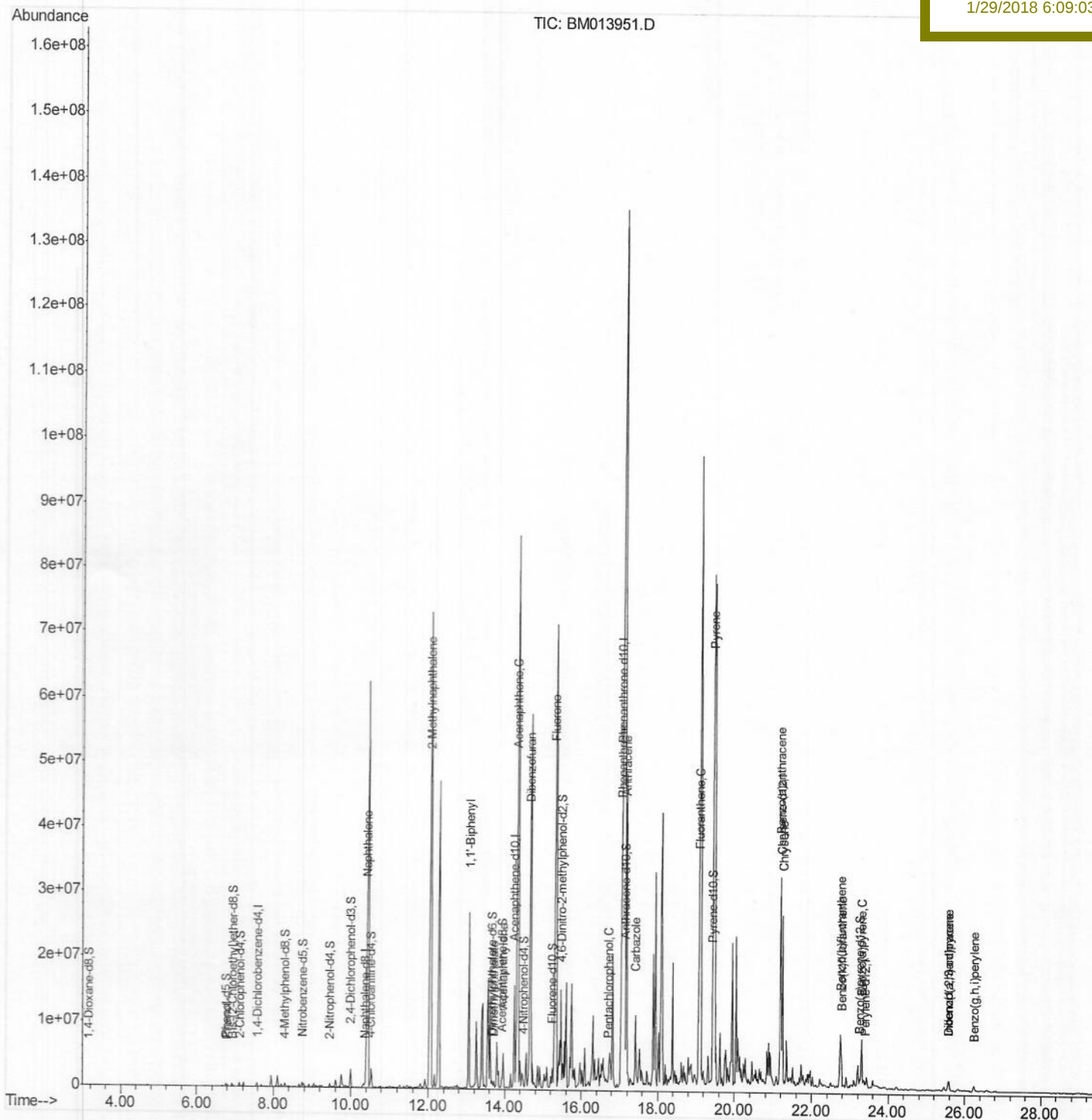
Data File : BM013951.D
Acq On : 29 Jan 2018 08:22
Operator : SJ/JU
Sample : J1244-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jan 29 16:35:55 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 29 04:03:39 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F6B51

Manual Integrations
APPROVED

Sohil
1/29/2018 6:09:03 PM



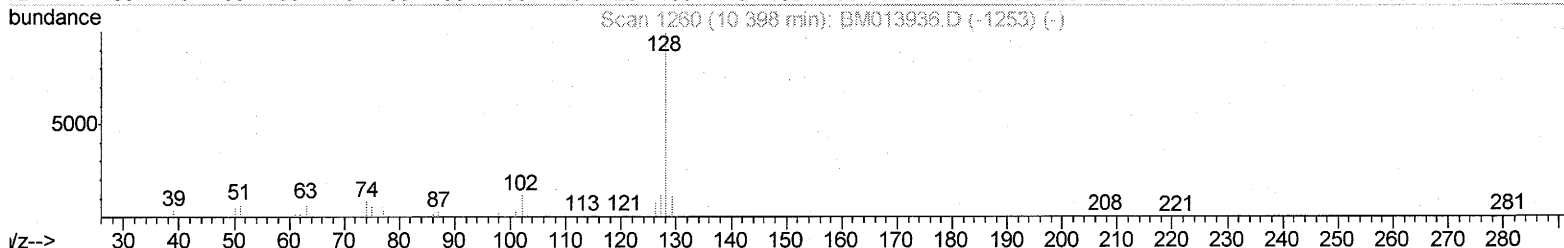
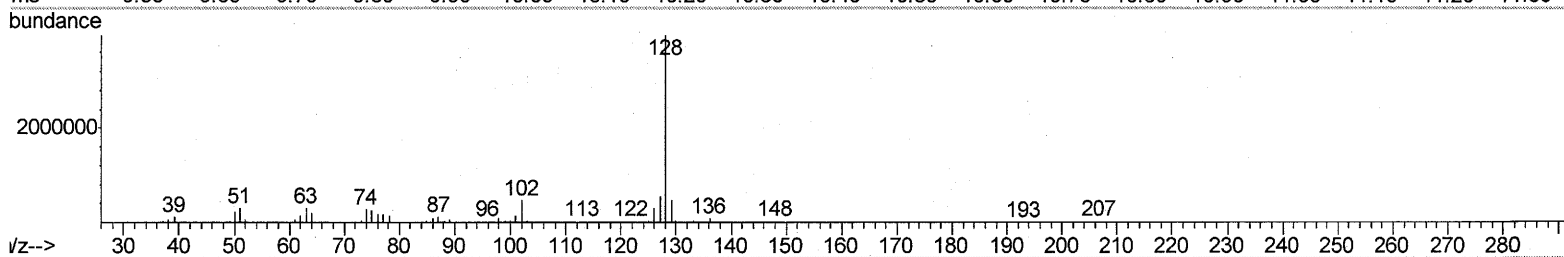
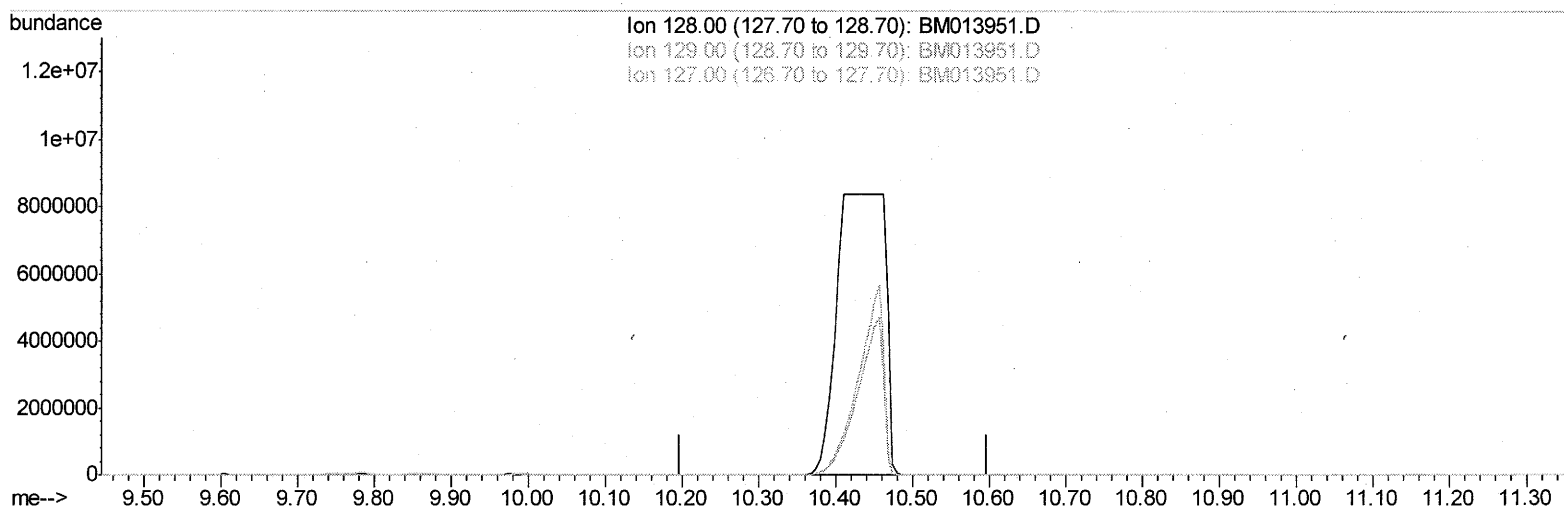
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012818\
 Data File : BM013951.D
 Acq On : 29 Jan 2018 08:22
 Operator : SJ/JU
 Sample : J1244-10
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 F6B51

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:09:03 PM

Quant Time: Jan 29 10:07:19 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 29 04:03:39 2018
 Response via : Initial Calibration



TIC: BM013951.D

(28) Naphthalene

10.398min (-10.398) 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

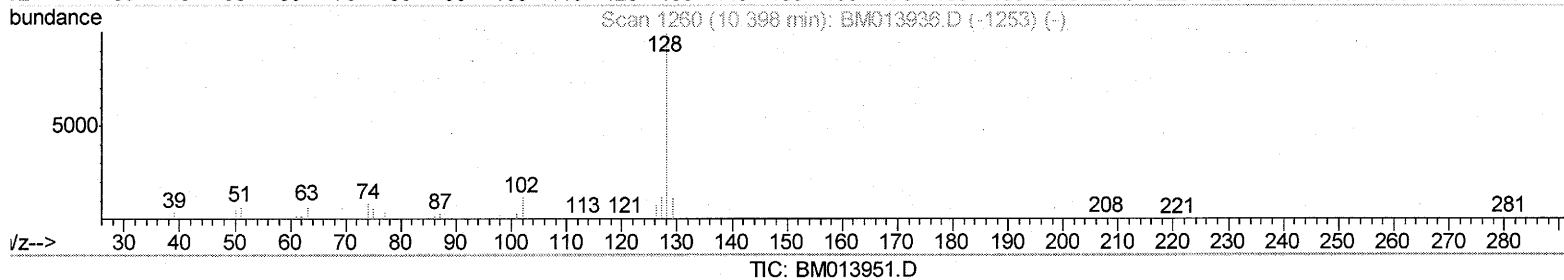
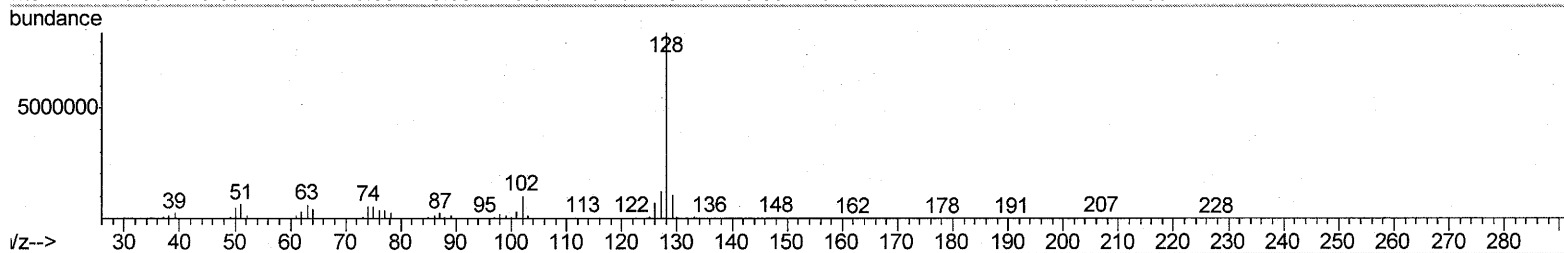
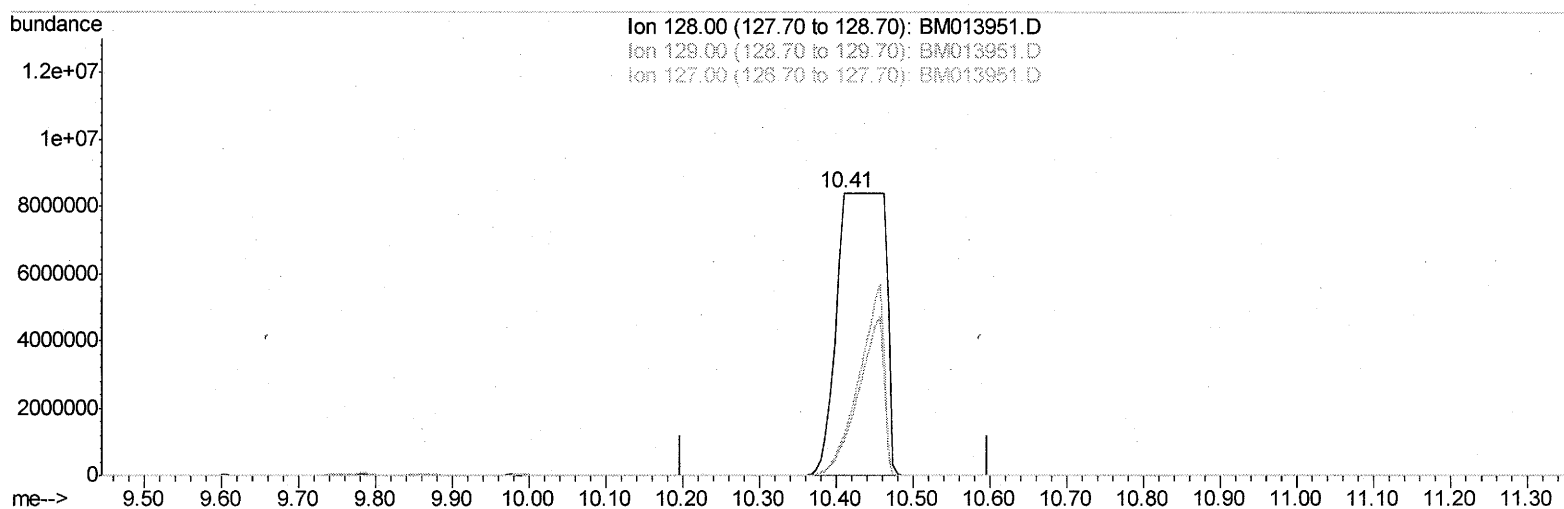
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013951.D
Acq On : 29 Jan 2018 08:22
Operator : SJ/JU
Sample : J1244-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
F6B51

Manual Integrations
APPROVED

Sohil
1/29/2018 6:09:03 PM

Quant Time: Jan 29 10:07:19 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 29 04:03:39 2018
Response via : Initial Calibration



(28) Naphthalene

10.410min (+0.012) 1243.52ng/ul m

response 36487474

Ion	Exp%	Act%
128.00	100	100
129.00	11.00	12.50
127.00	13.30	14.32
0.00	0.00	0.00

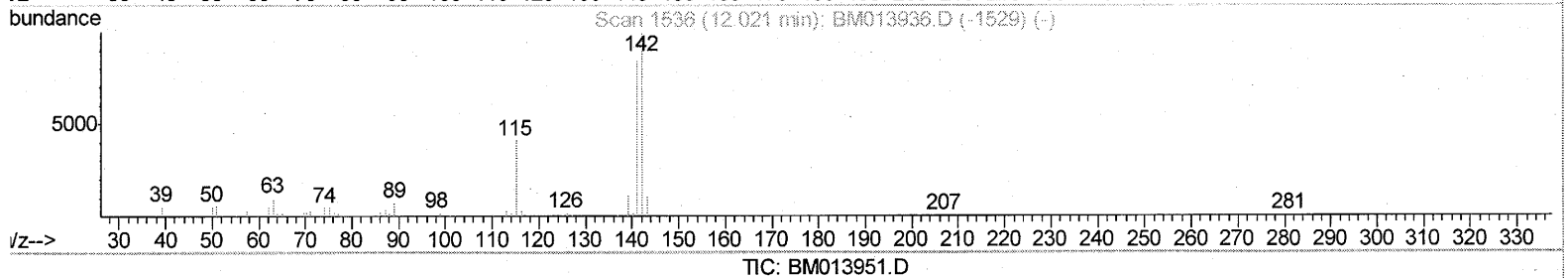
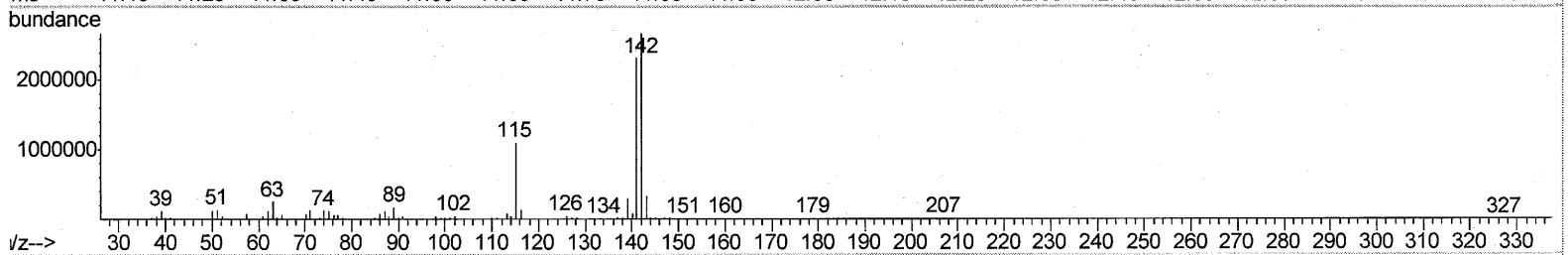
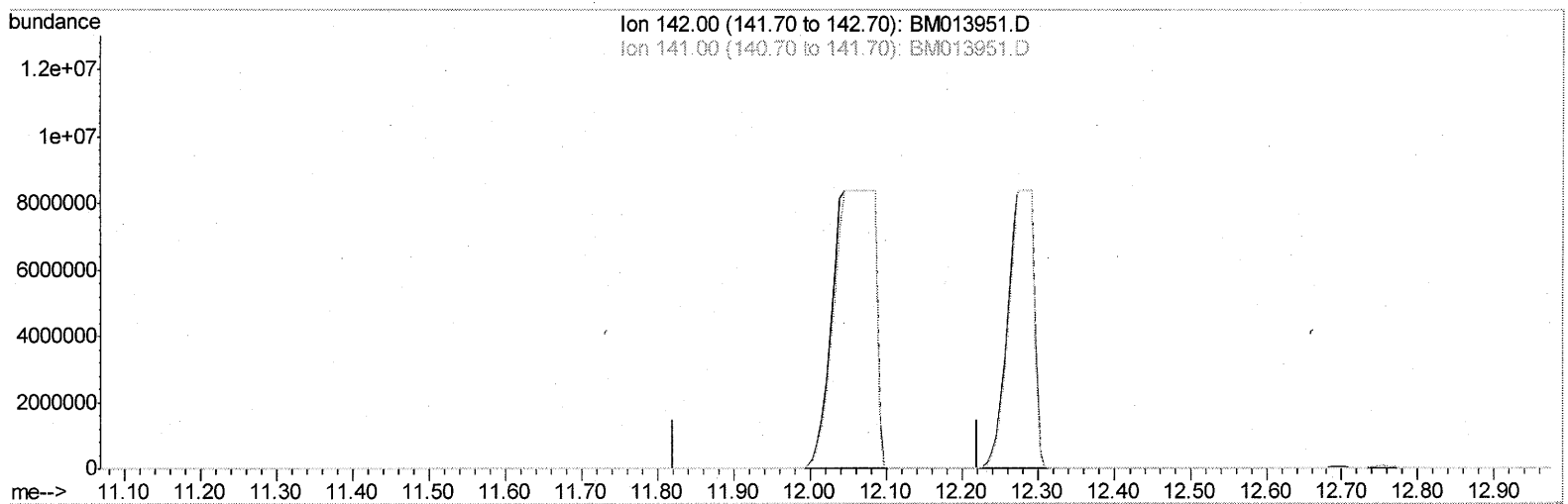
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012818\
 Data File : BM013951.D
 Acq On : 29 Jan 2018 08:22
 Operator : SJ/JU
 Sample : J1244-10
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6B51

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:09:03 PM

Quant Time: Jan 29 10:07:19 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 29 04:03:39 2018
 Response via : Initial Calibration



(34) 2-Methylnaphthalene

12.021min (-12.021) 0.00ng/ul

response 0

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

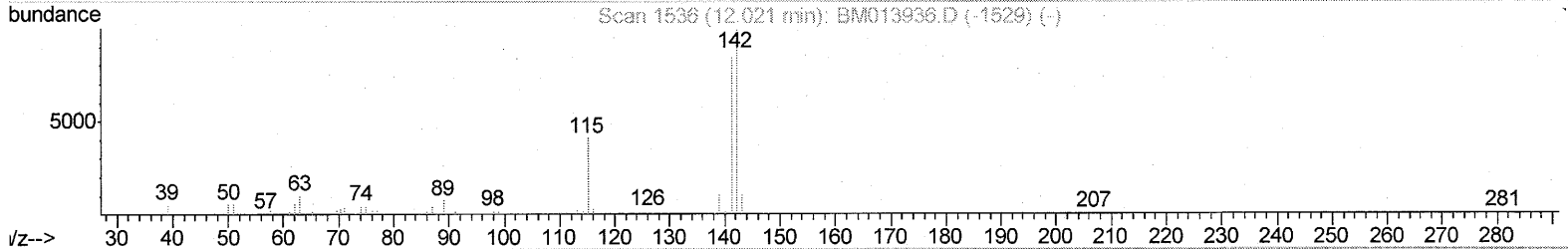
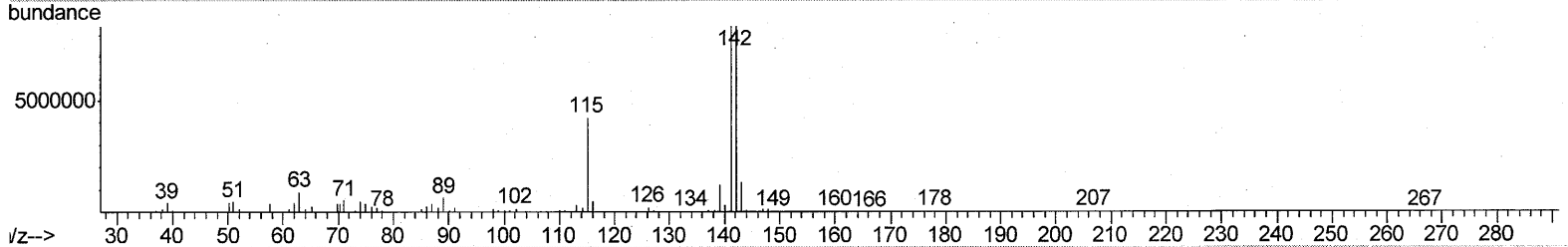
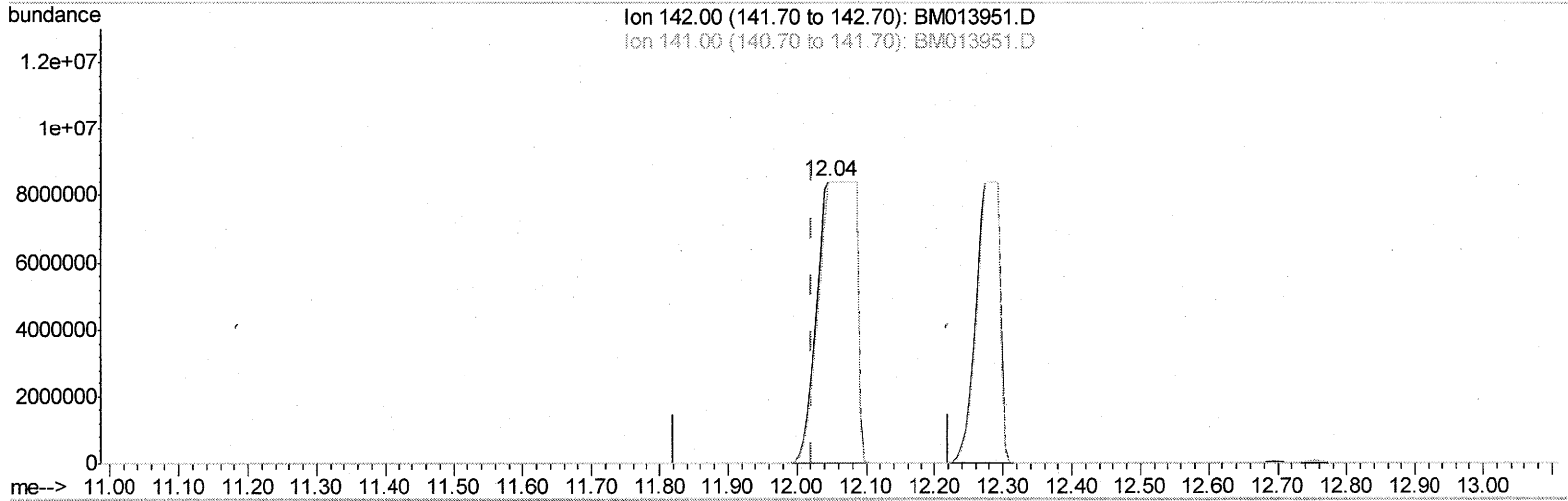
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013951.D
Acq On : 29 Jan 2018 08:22
Operator : SJ/JU
Sample : J1244-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6B51

Manual Integrations
APPROVED

Sohil
1/29/2018 6:09:03 PM

Quant Time: Jan 29 10:07:19 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 29 04:03:39 2018
Response via : Initial Calibration



TIC: BM013951.D

(34) 2-Methylnaphthalene

12.045min (+0.023) 1488.01ng/ul m

response 32552215

Ion	Exp%	Act%
142.00	100	100
141.00	92.60	100.00
0.00	0.00	0.00
0.00	0.00	0.00

Sohil 29/1/18

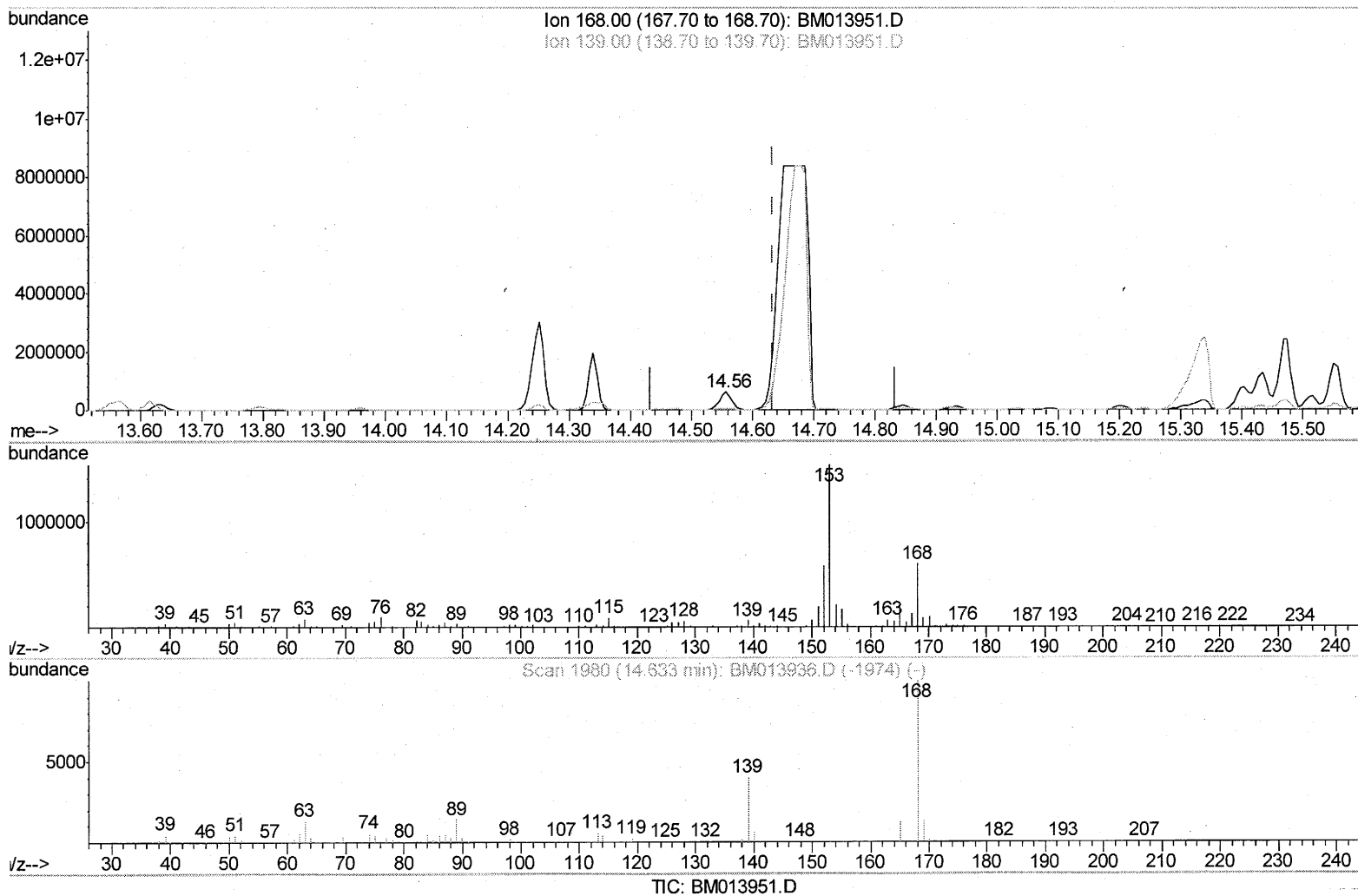
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012818\
 Data File : BM013951.D
 Acq On : 29 Jan 2018 08:22
 Operator : SJ/JU
 Sample : J1244-10
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6B51

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:09:03 PM

Quant Time: Jan 29 10:59:30 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 29 04:03:39 2018
 Response via : Initial Calibration



(53) Dibenzofuran

14.557min (-0.077) 16.26ng/ul

response 831832

Ion	Exp%	Act%
168.00	100	100
139.00	38.50	9.86#
0.00	0.00	0.00
0.00	0.00	0.00

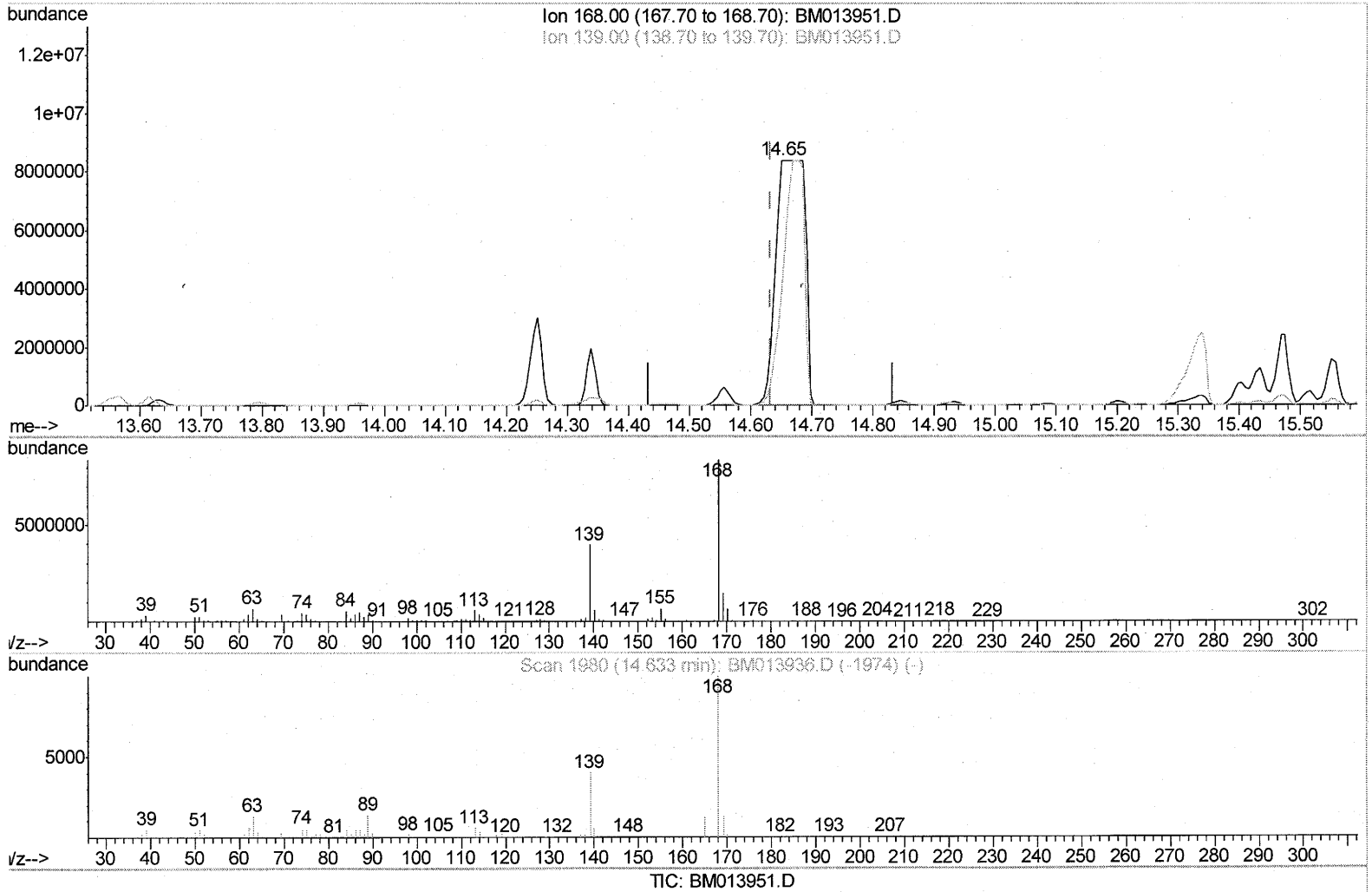
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012818\
 Data File : BM013951.D
 Acq On : 29 Jan 2018 08:22
 Operator : SJ/JU
 Sample : J1244-10
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6B51

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:09:03 PM

Quant Time: Jan 29 10:59:30 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 29 04:03:39 2018
 Response via : Initial Calibration



(53) Dibenzofuran

14.651min (+0.018) 538.57ng/ul m

response 27547355

Ion	Exp%	Act%
168.00	100	100
139.00	38.50	46.97#
0.00	0.00	0.00
0.00	0.00	0.00

201/29/18

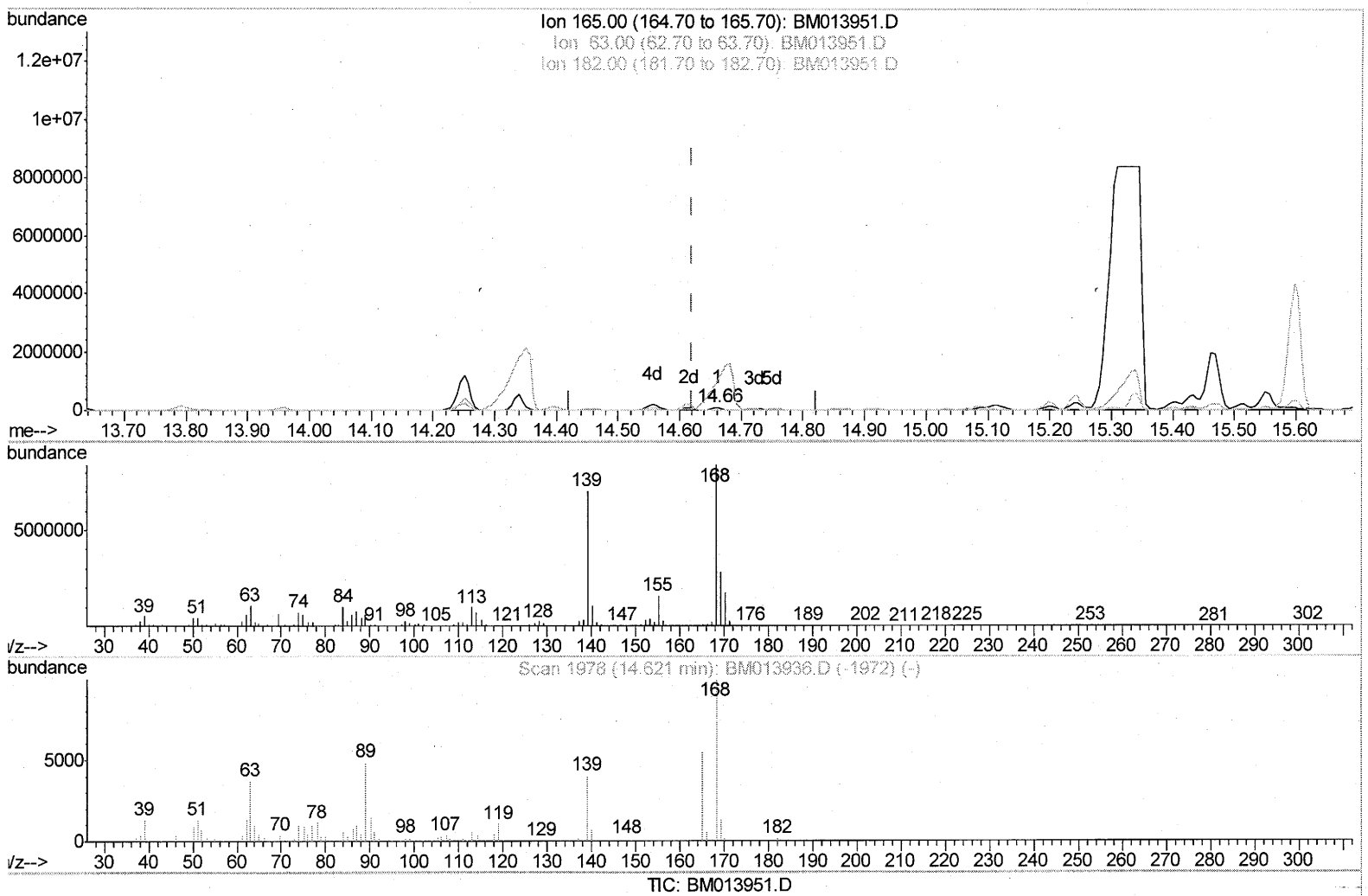
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012818\
 Data File : BM013951.D
 Acq On : 29 Jan 2018 08:22
 Operator : SJ/JU
 Sample : J1244-10
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6B51

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:09:03 PM

Quant Time: Jan 29 10:59:30 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 29 04:03:39 2018
 Response via : Initial Calibration



(54) 2,4-Dinitrotoluene
 14.662min (+0.041) 7.59ng/ul
 response 88675

Ion	Exp%	Act%
165.00	100	100
63.00	57.30	1273.61#
182.00	3.30	13.11#
0.00	0.00	0.00

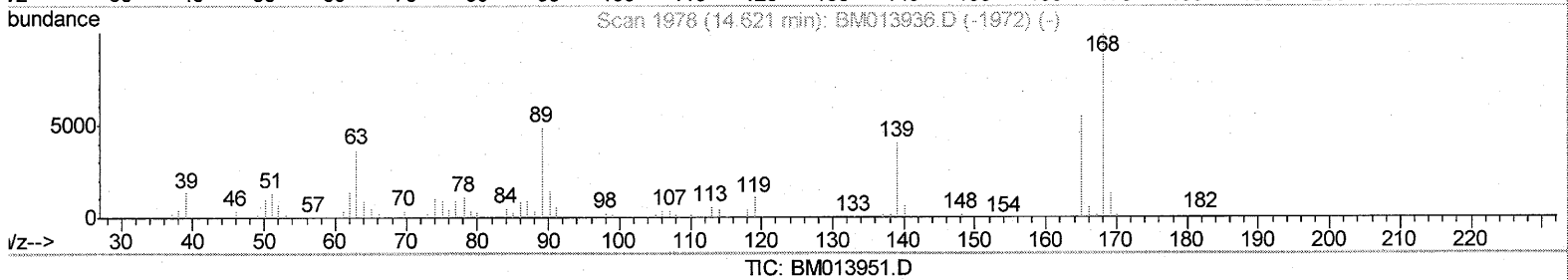
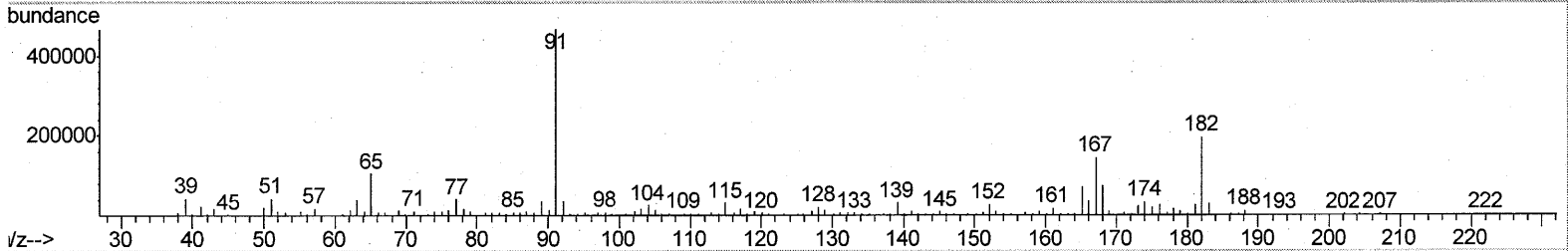
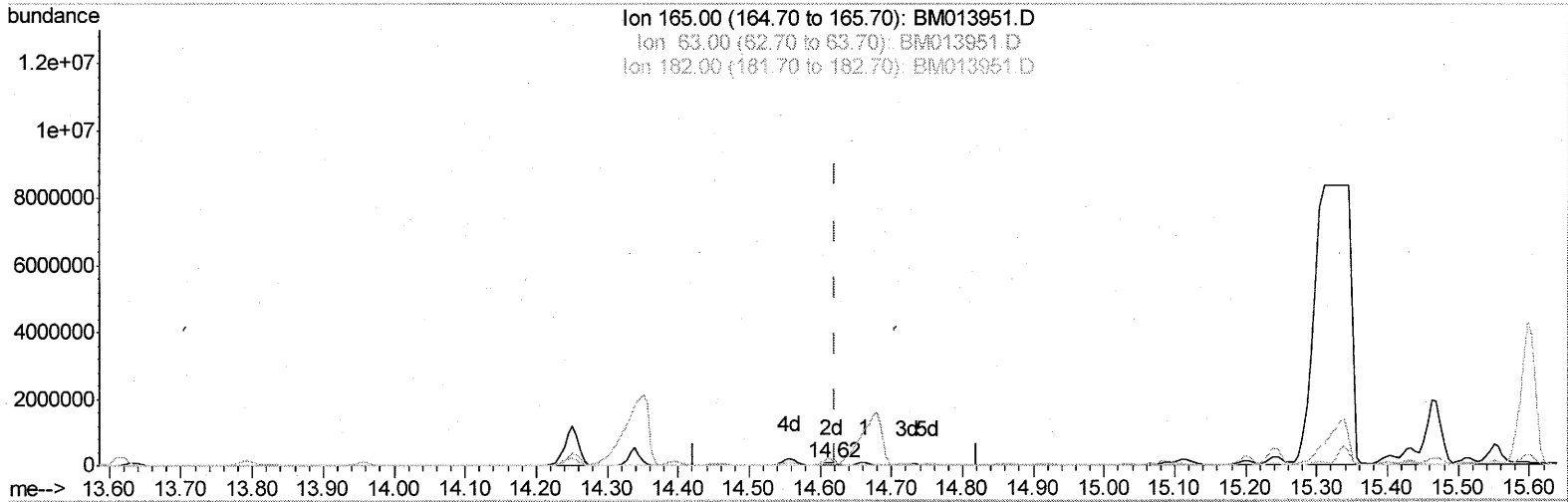
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012818\
 Data File : BM013951.D
 Acq On : 29 Jan 2018 08:22
 Operator : SJ/JU
 Sample : J1244-10
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 F6B51

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:09:03 PM

Quant Time: Jan 29 10:59:30 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 29 04:03:39 2018
 Response via : Initial Calibration



(54) 2,4-Dinitrotoluene

14.615min (-0.006) 7.86ng/ul m

response 91889

Ion	Exp%	Act%
165.00	100	100
63.00	57.30	56.87
182.00	3.30	280.54#
0.00	0.00	0.00

Sohil 29/1/18

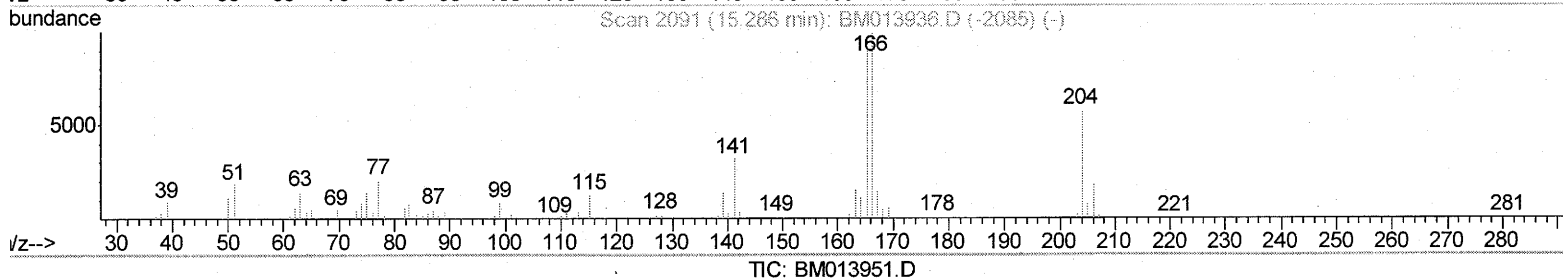
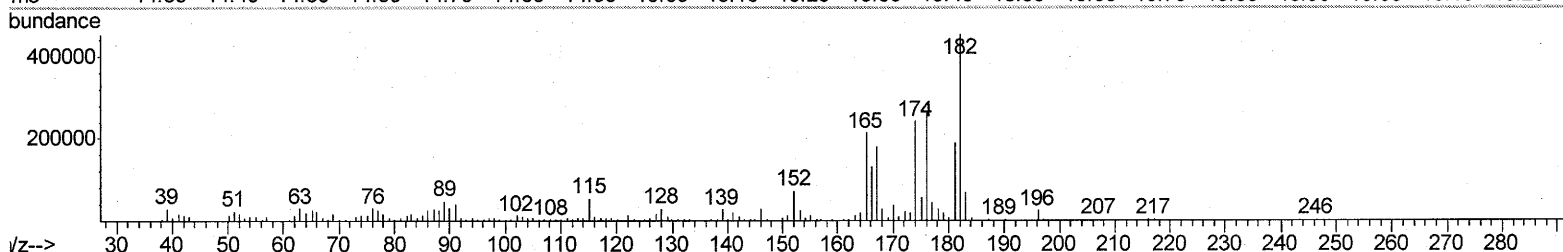
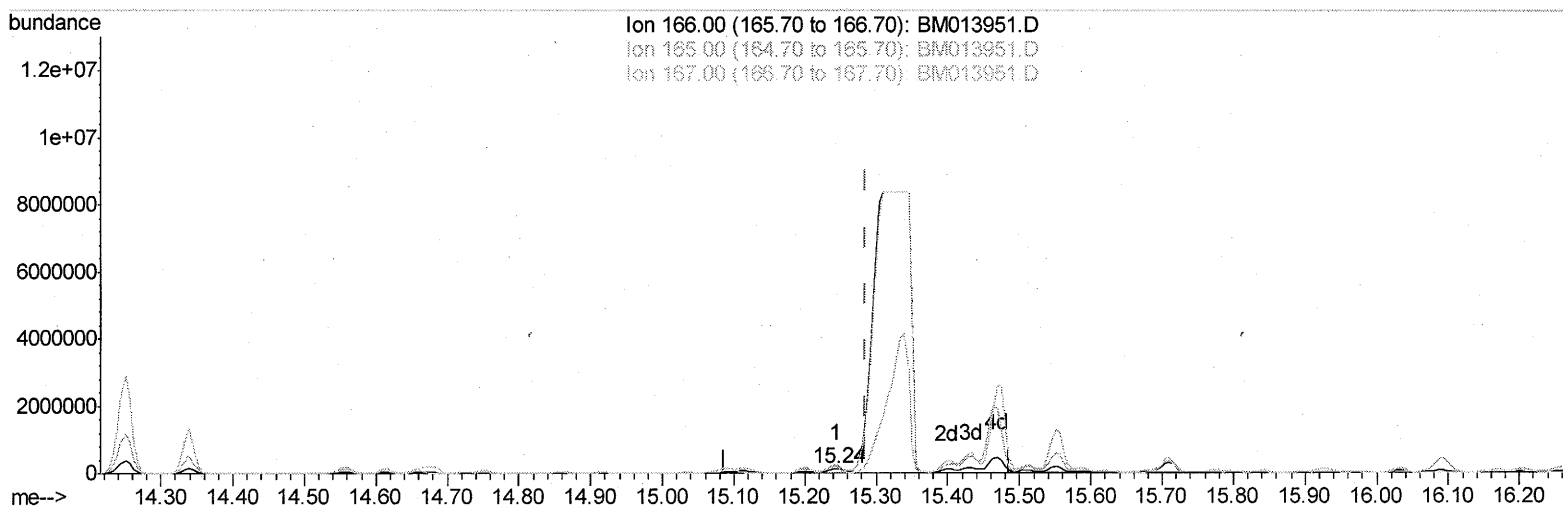
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012818\
 Data File : BM013951.D
 Acq On : 29 Jan 2018 08:22
 Operator : SJ/JU
 Sample : J1244-10
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 F6B51

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:09:03 PM

Quant Time: Jan 29 10:59:30 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 29 04:03:39 2018
 Response via : Initial Calibration



(58) Fluorene

15.245min (-0.041) 4.33ng/ul

response 181300

Ion	Exp%	Act%
166.00	100	100
165.00	97.40	162.74#
167.00	13.30	136.43#
0.00	0.00	0.00

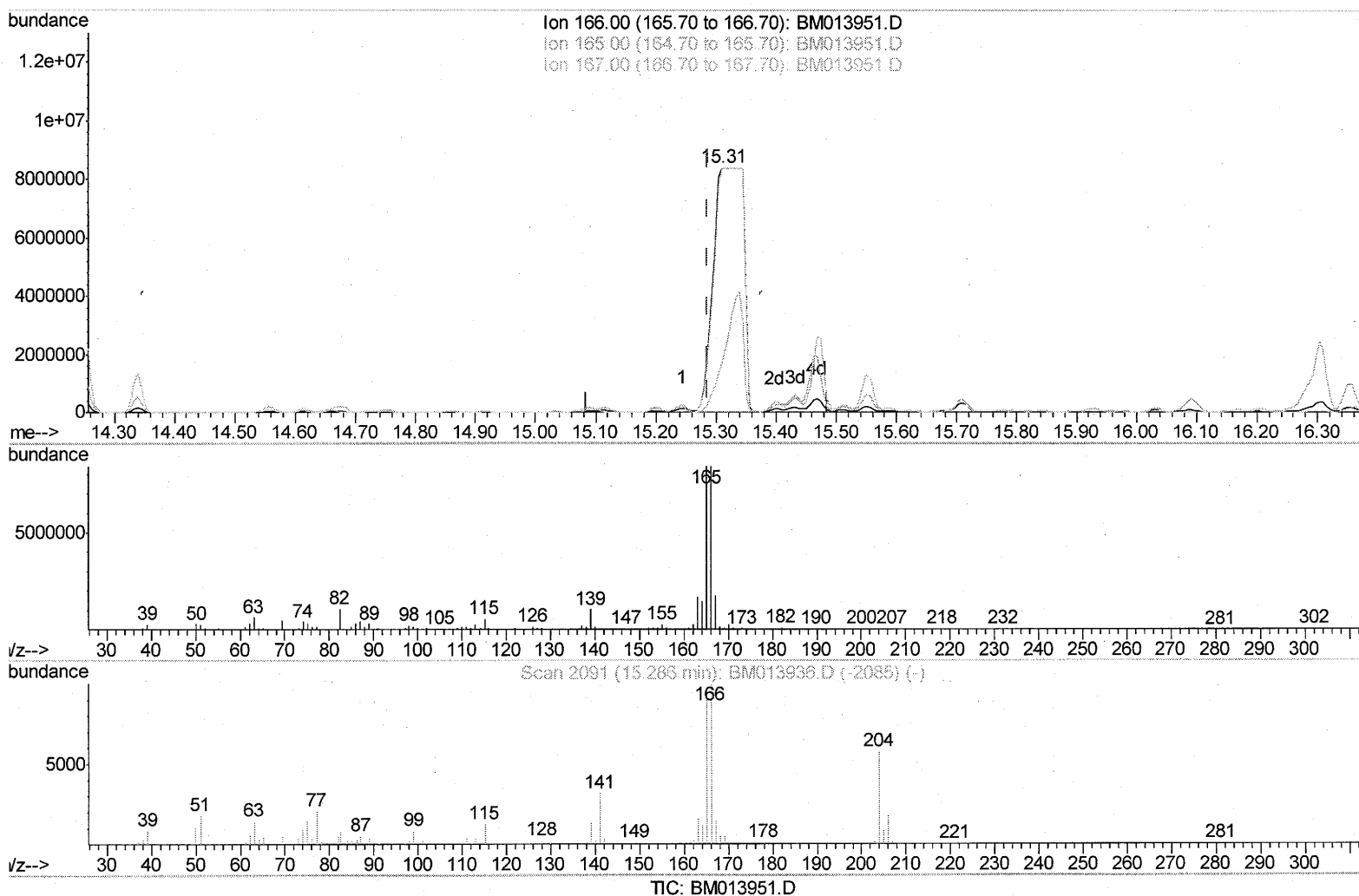
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012818\
 Data File : BM013951.D
 Acq On : 29 Jan 2018 08:22
 Operator : SJ/JU
 Sample : J1244-10
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 F6B51

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:09:03 PM

Quant Time: Jan 29 10:59:30 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 29 04:03:39 2018
 Response via : Initial Calibration



(58) Fluorene

15.309min (+0.023) 699.23ng/ul m

response 29296893

Ion	Exp%	Act%
166.00	100	100
165.00	97.40	100.00
167.00	13.30	20.23#
0.00	0.00	0.00

Real 1/29/18

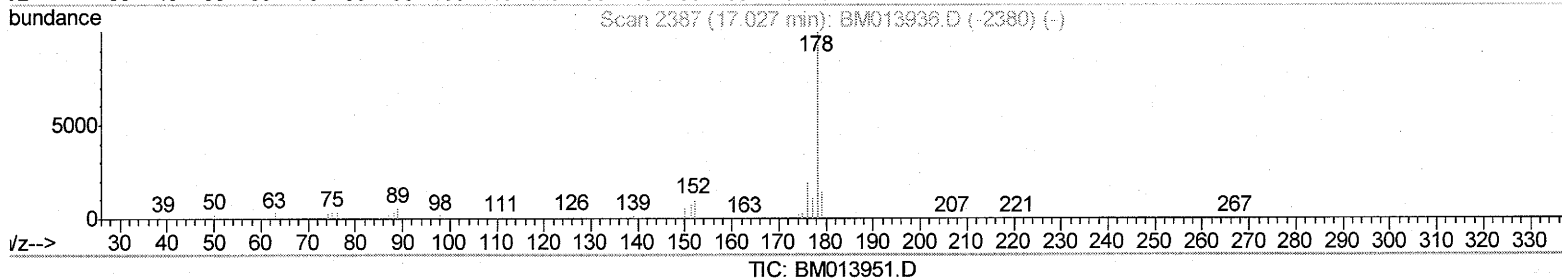
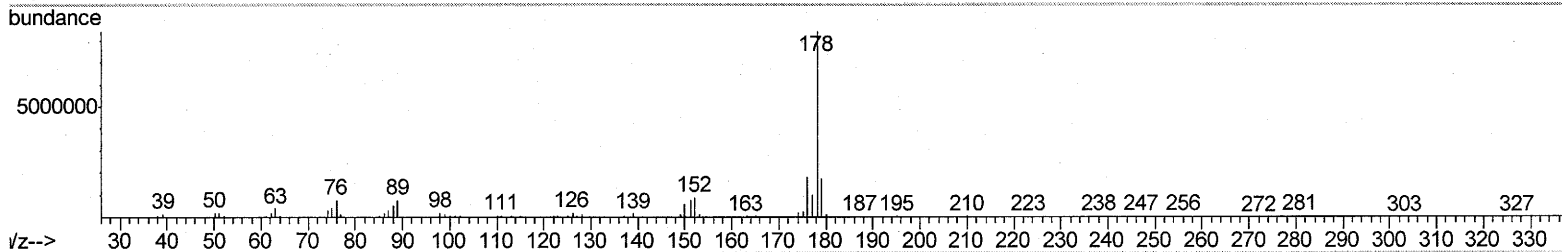
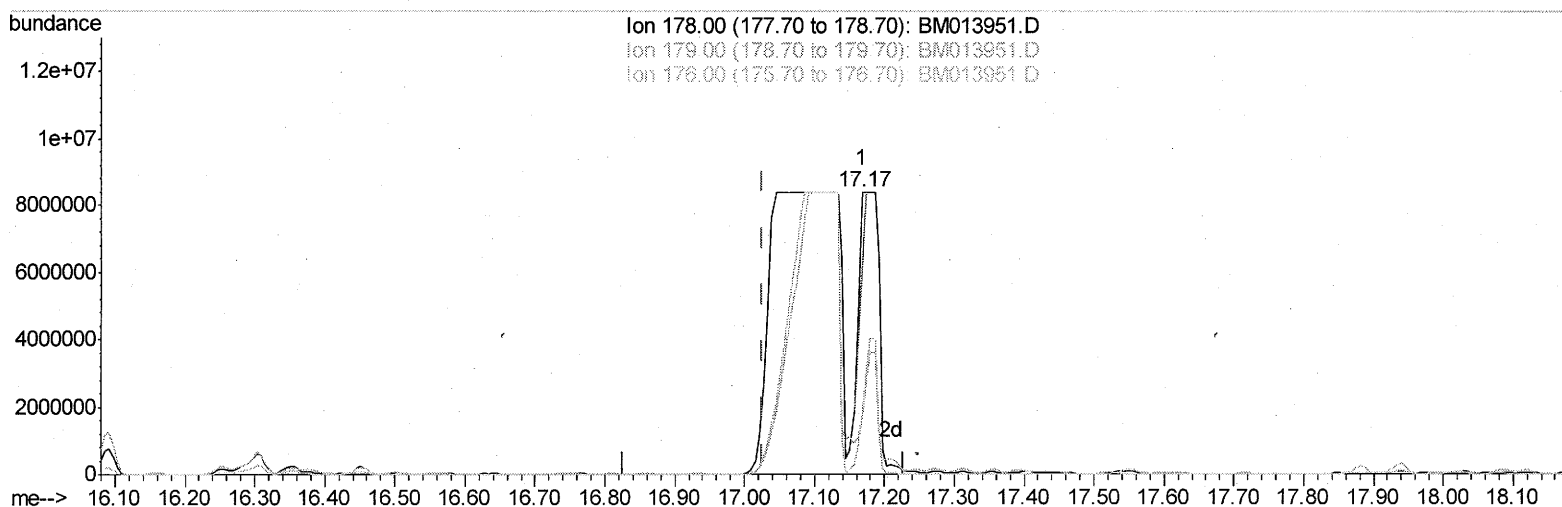
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012818\
 Data File : BM013951.D
 Acq On : 29 Jan 2018 08:22
 Operator : SJ/JU
 Sample : J1244-10
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6B51

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:09:03 PM

Quant Time: Jan 29 10:59:30 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 29 04:03:39 2018
 Response via : Initial Calibration



(69) Phenanthrene

17.168min (+0.141) 56.84ng/ul

response 2690029

Ion	Exp%	Act%
178.00	100	100
179.00	15.80	20.39#
176.00	18.60	21.27
0.00	0.00	0.00

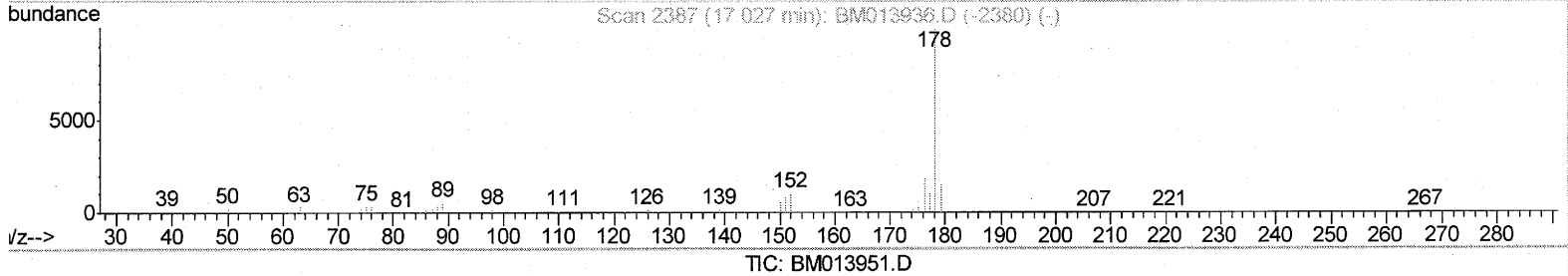
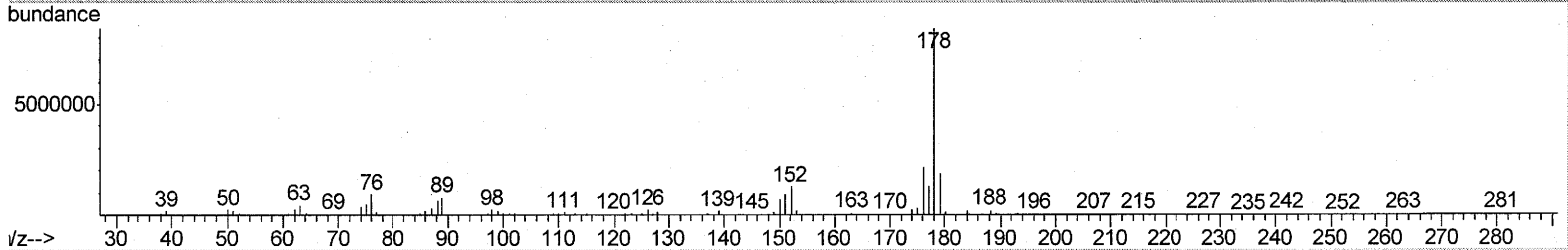
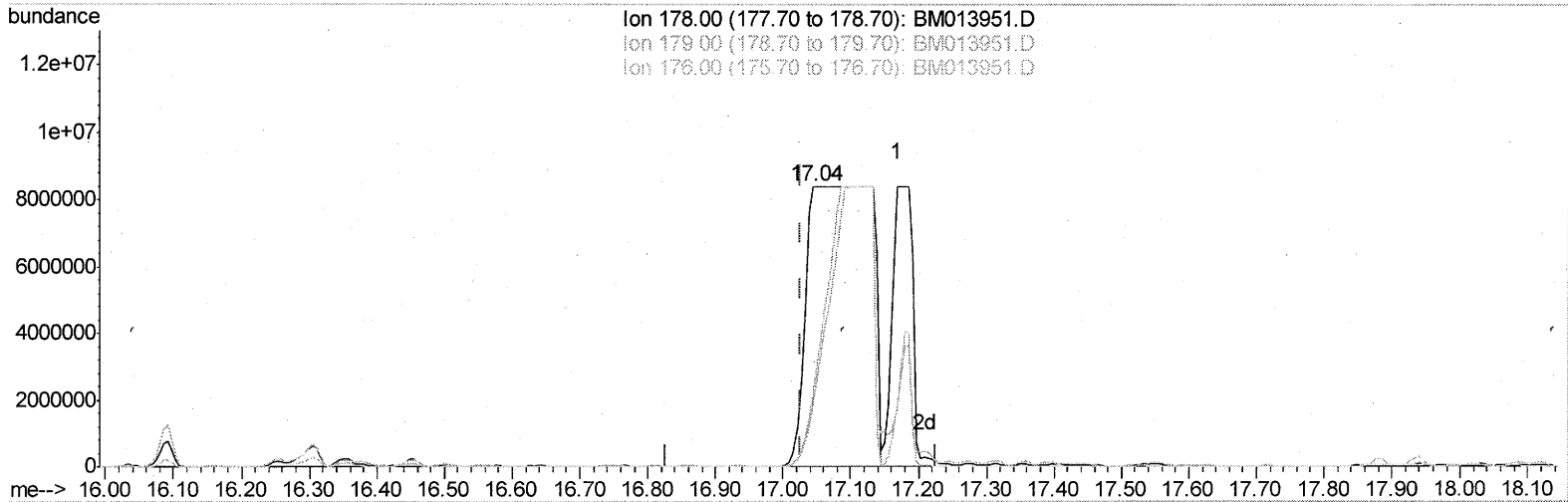
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012818\
 Data File : BM013951.D
 Acq On : 29 Jan 2018 08:22
 Operator : SJ/JU
 Sample : J1244-10
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 F6B51

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:09:03 PM

Quant Time: Jan 29 10:59:30 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 29 04:03:39 2018
 Response via : Initial Calibration



(69) Phenanthrene

17.045min (+0.018) 1176.61ng/ul m

response 55686536

Ion	Exp%	Act%
178.00	100	100
179.00	15.80	22.24#
176.00	18.60	25.50#
0.00	0.00	0.00

SJ 1/29/18

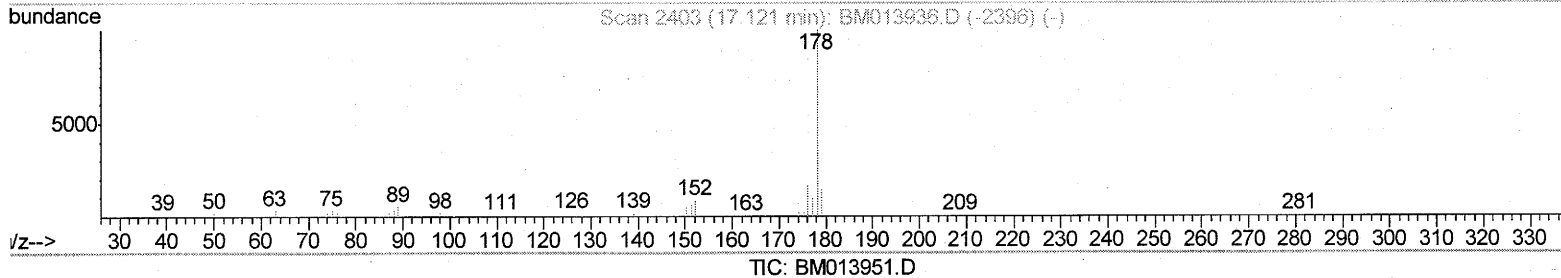
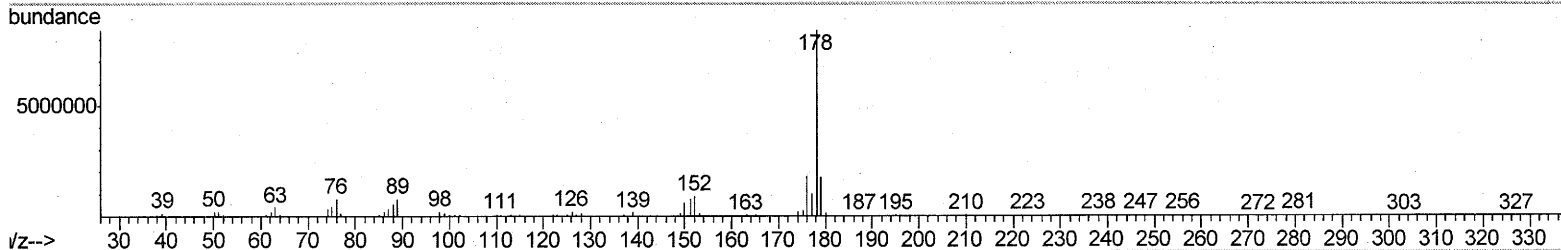
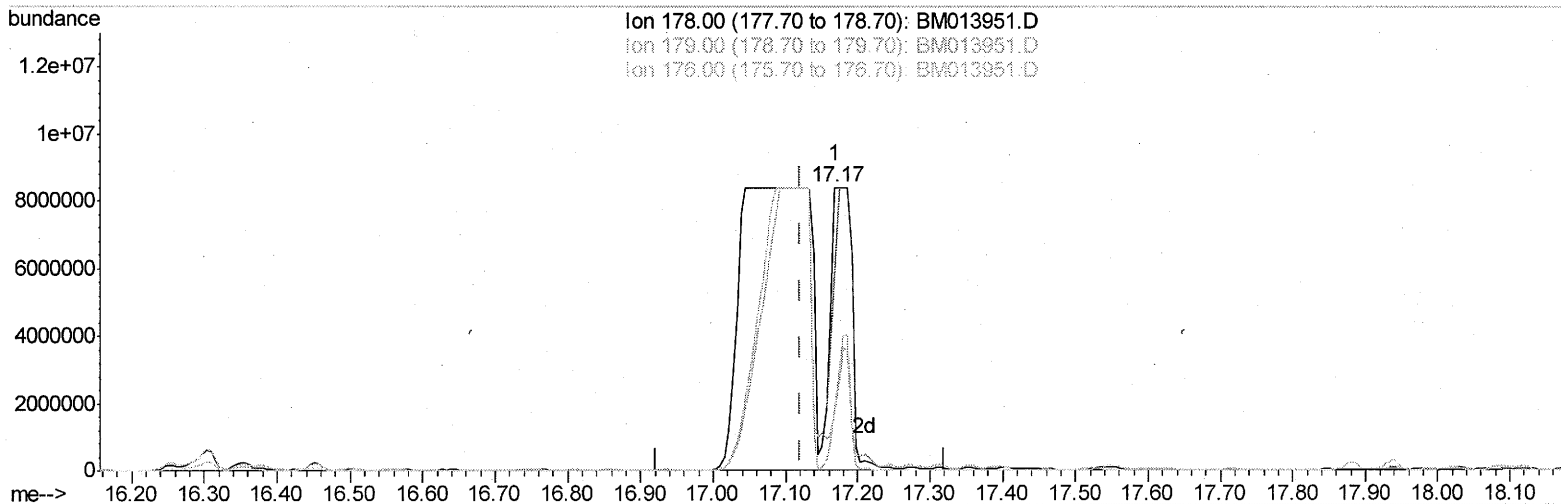
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012818\
 Data File : BM013951.D
 Acq On : 29 Jan 2018 08:22
 Operator : SJ/JU
 Sample : J1244-10
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6B51

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:09:03 PM

Quant Time: Jan 29 10:59:30 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 29 04:03:39 2018
 Response via : Initial Calibration



(71) Anthracene

17.168min (+0.047) 55.11ng/ul

response 2690029

Ion	Exp%	Act%
178.00	100	100
179.00	14.60	20.39#
176.00	18.20	21.27
0.00	0.00	0.00

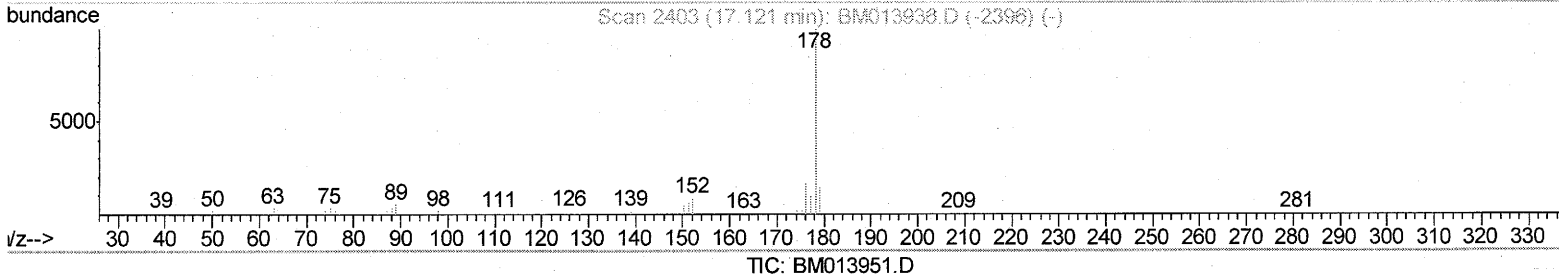
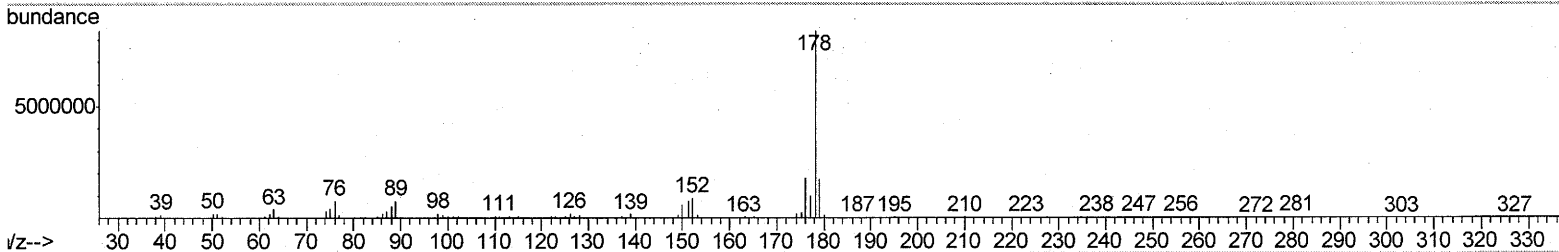
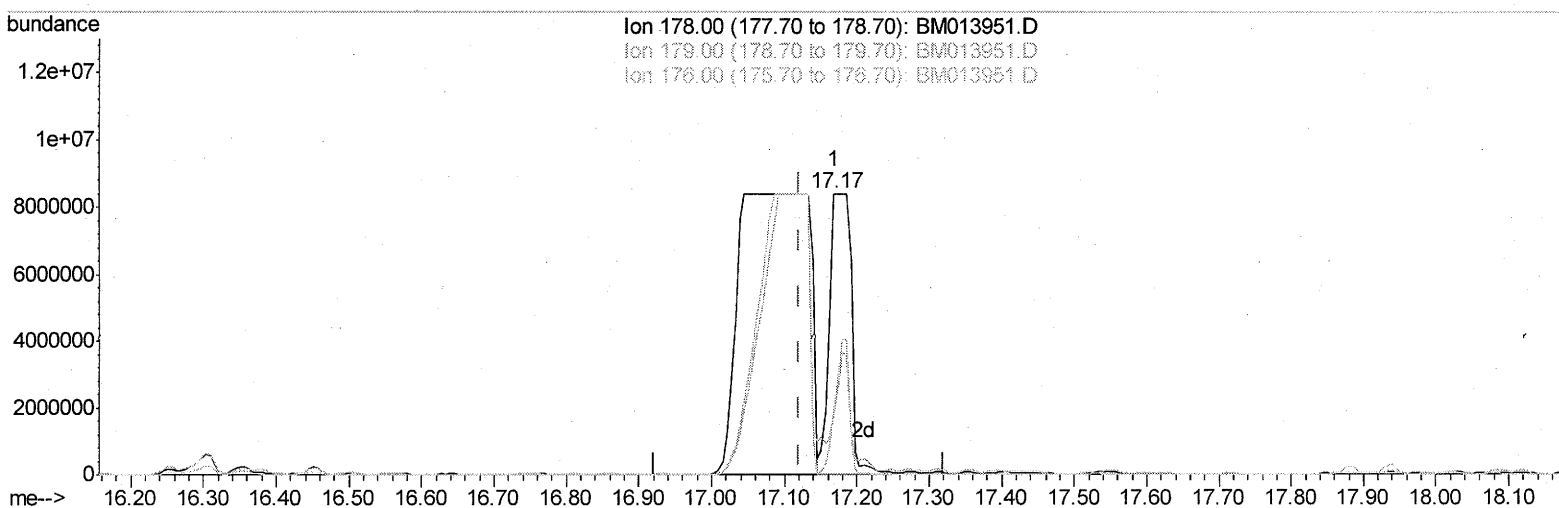
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012818\
 Data File : BM013951.D
 Acq On : 29 Jan 2018 08:22
 Operator : SJ/JU
 Sample : J1244-10
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 F6B51

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:09:03 PM

Quant Time: Jan 29 10:59:30 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 29 04:03:39 2018
 Response via : Initial Calibration



(71) Anthracene

17.168min (+0.047) 355.37ng/ul m

response 17348050

Ion	Exp%	Act%
178.00	100	100
179.00	14.60	20.39#
176.00	18.20	21.27
0.00	0.00	0.00

Handwritten signature/initials

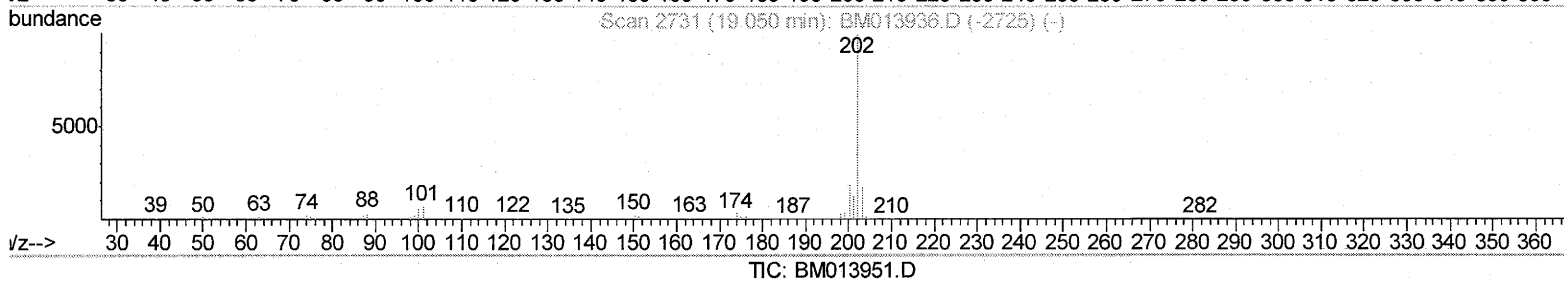
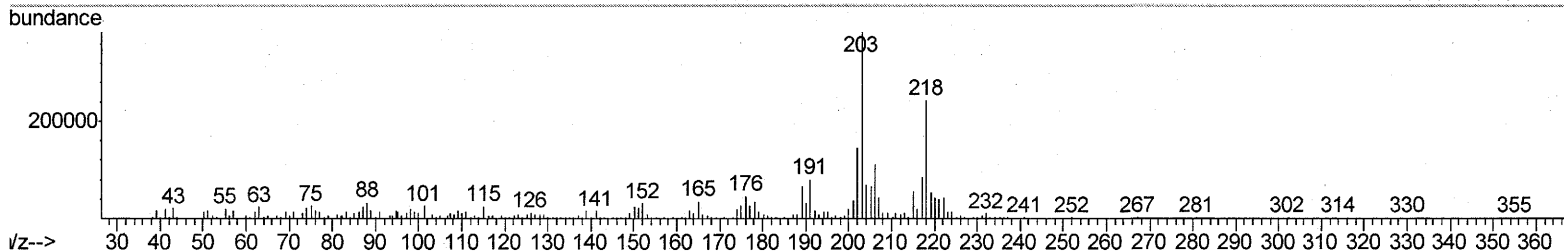
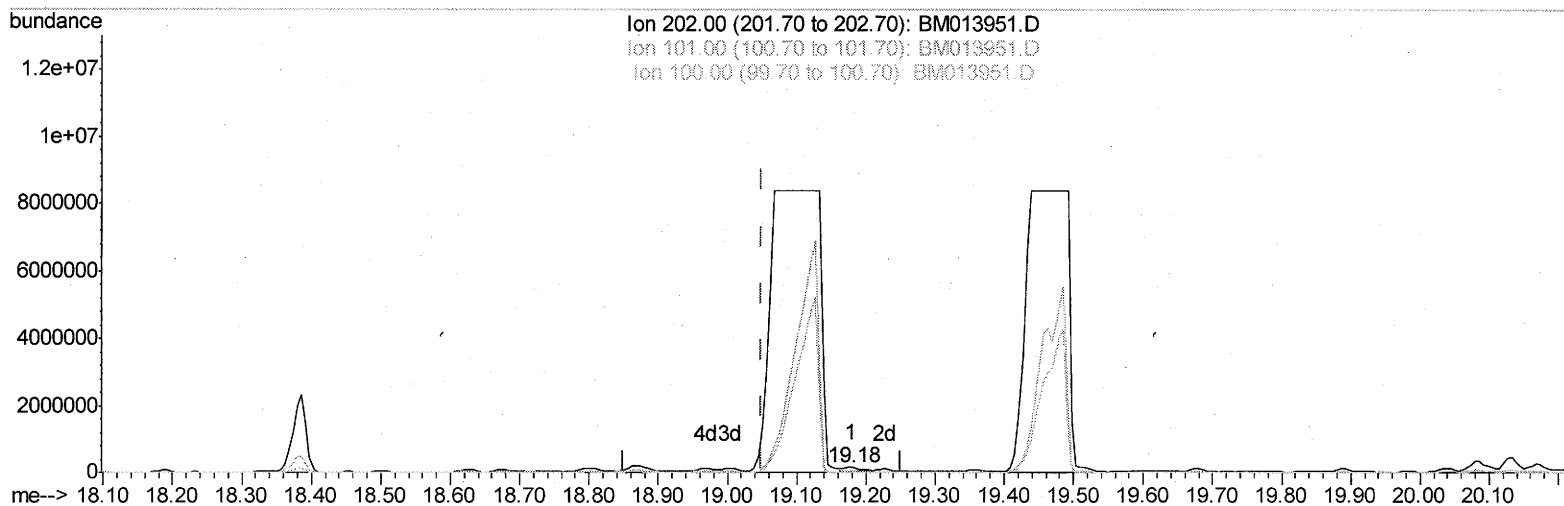
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013951.D
Acq On : 29 Jan 2018 08:22
Operator : SJ/JU
Sample : J1244-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6B51

Manual Integrations
APPROVED

Sohil
1/29/2018 6:09:03 PM

Quant Time: Jan 29 10:59:30 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 29 04:03:39 2018
Response via : Initial Calibration



(74) Fluoranthene (C)

19.180min (+0.129) 2.28ng/ul

response 128740

Ion	Exp%	Act%
202.00	100	100
101.00	5.80	17.68#
100.00	4.30	7.00#
0.00	0.00	0.00

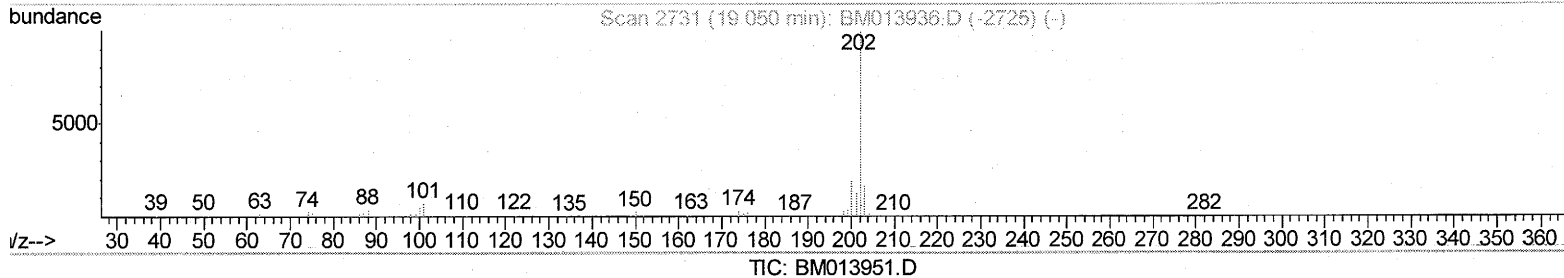
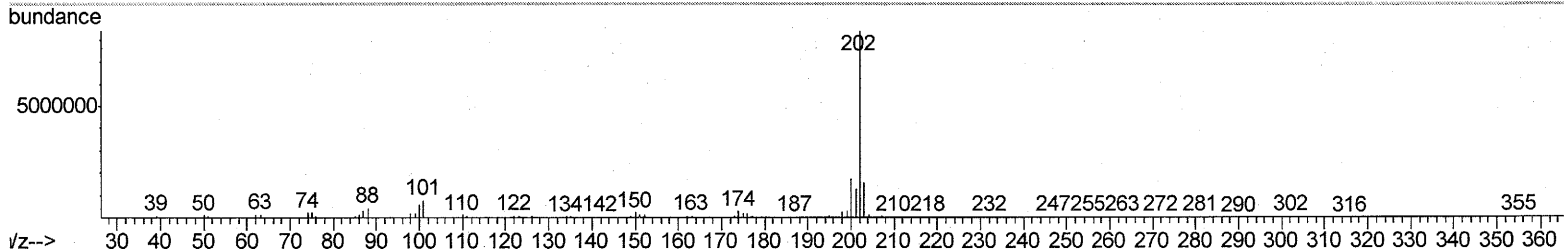
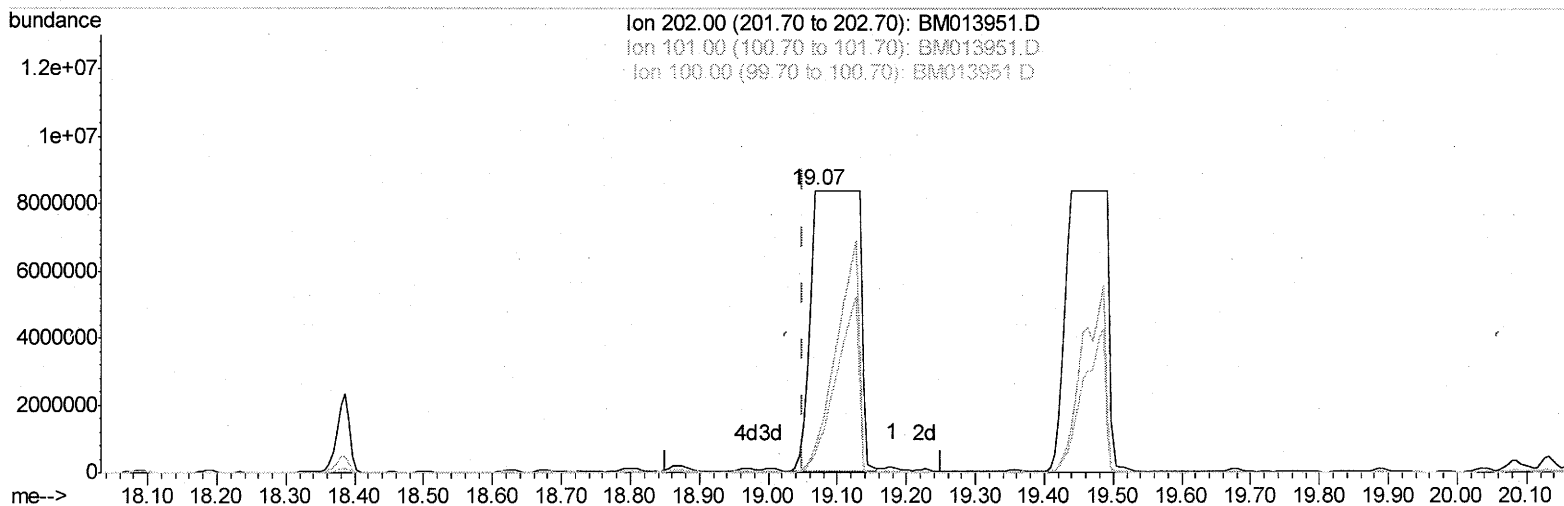
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012818\
 Data File : BM013951.D
 Acq On : 29 Jan 2018 08:22
 Operator : SJ/JU
 Sample : J1244-10
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 F6B51

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:09:03 PM

Quant Time: Jan 29 10:59:30 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 29 04:03:39 2018
 Response via : Initial Calibration



(74) Fluoranthene (C)

19.068min (+0.018) 710.75ng/ul m

response 40153219

Ion	Exp%	Act%
202.00	100	100
101.00	5.80	9.07#
100.00	4.30	6.90#
0.00	0.00	0.00

201/29/18

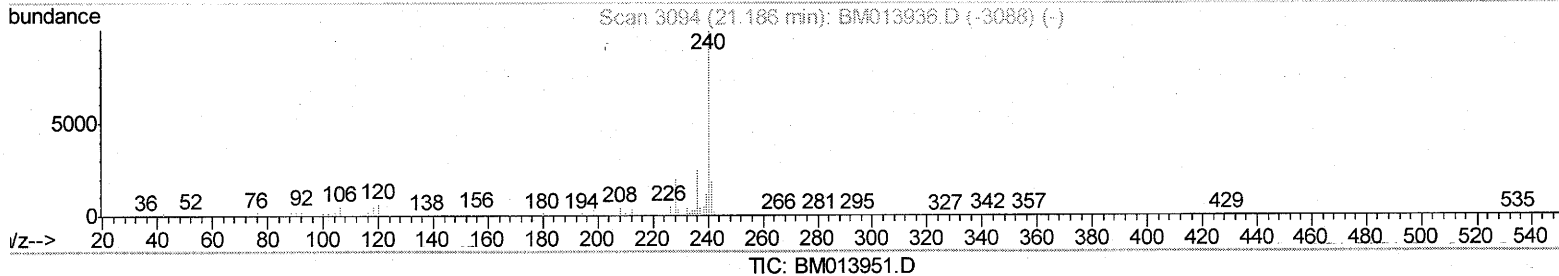
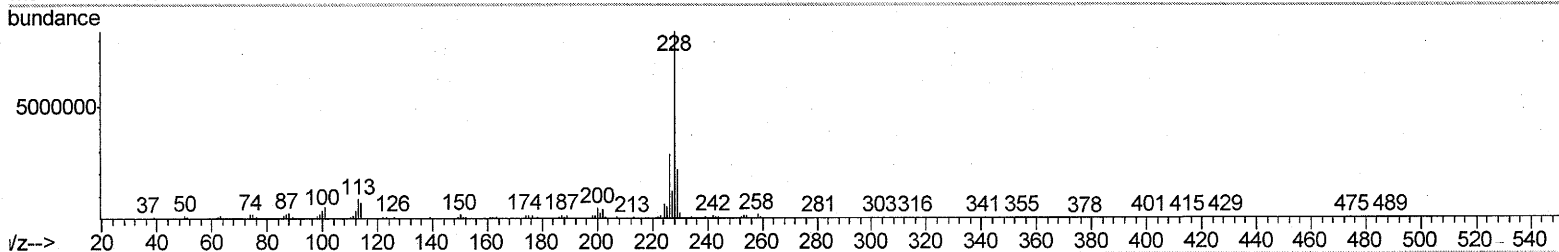
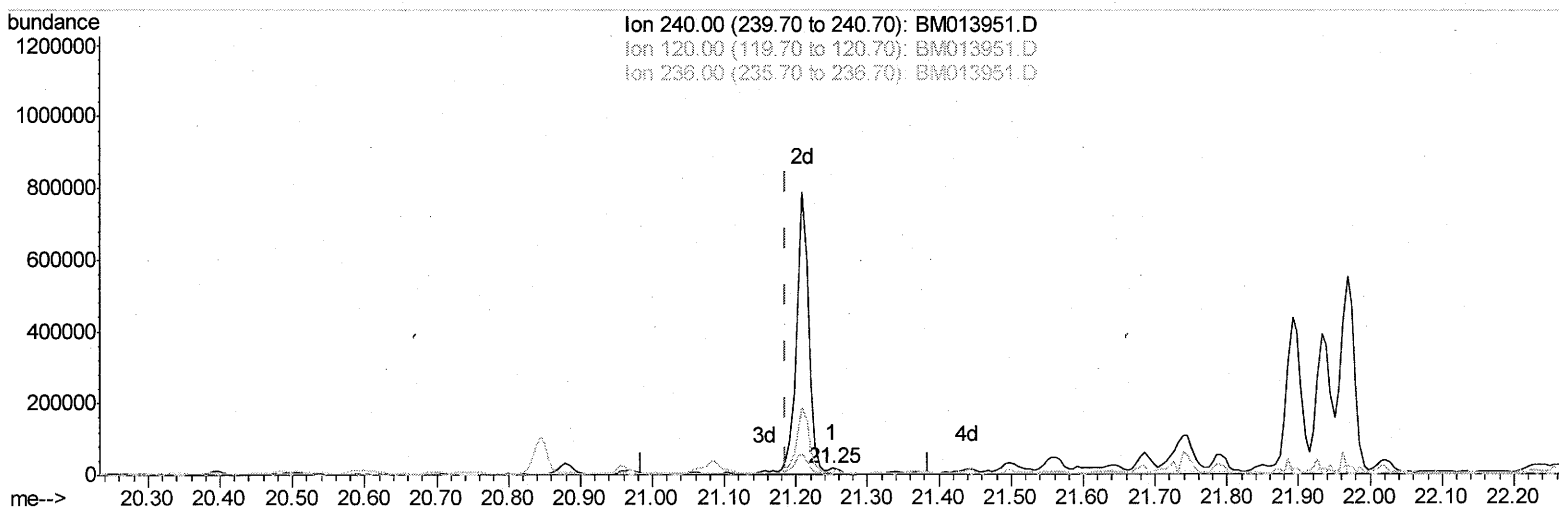
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012818\
 Data File : BM013951.D
 Acq On : 29 Jan 2018 08:22
 Operator : SJ/JU
 Sample : J1244-10
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 F6B51

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:09:03 PM

Quant Time: Jan 29 10:59:30 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 29 04:03:39 2018
 Response via : Initial Calibration



(75) Chrysene-d12 (I)

21.250min (+0.065) 20.00ng/ul

response 13528

Ion	Exp%	Act%
240.00	100	100
120.00	4.60	0.00#
236.00	24.80	31.80#
0.00	0.00	0.00

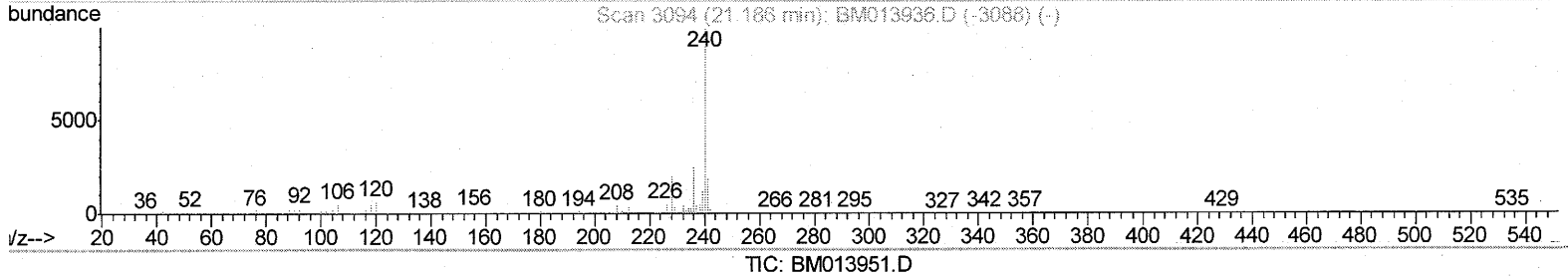
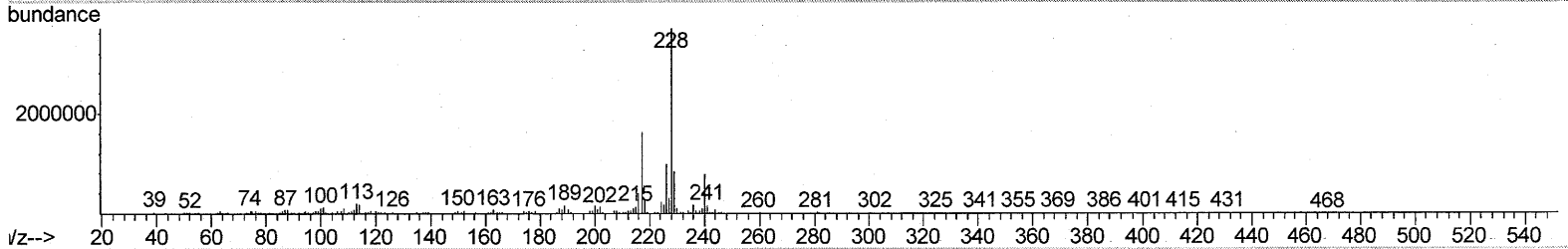
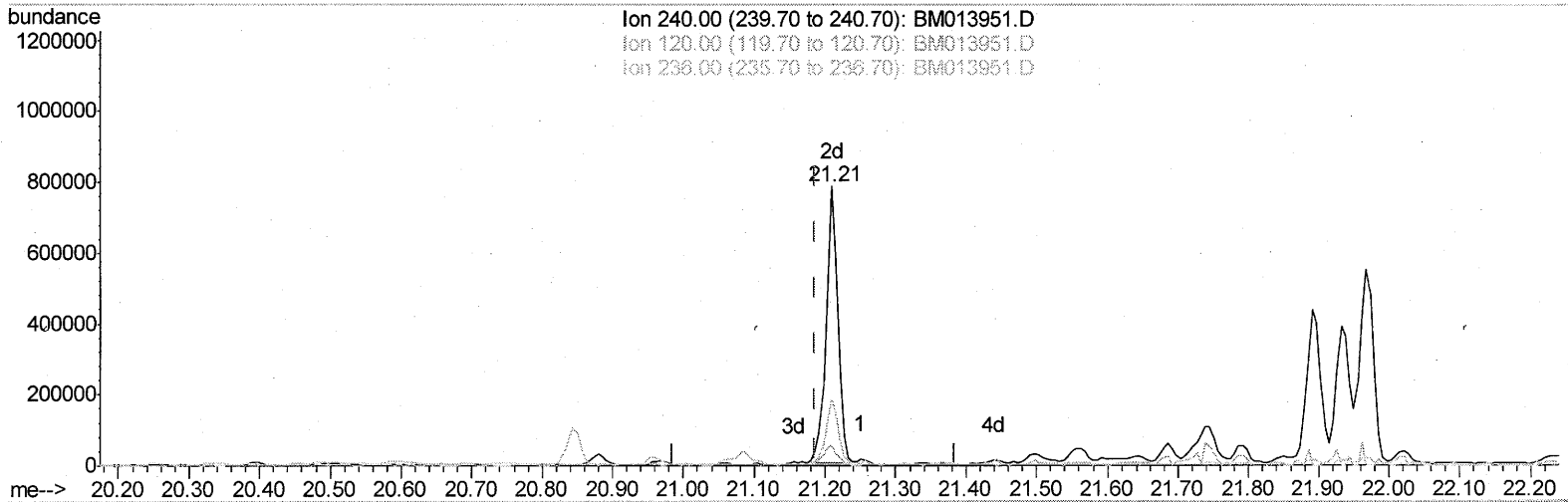
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012818\
 Data File : BM013951.D
 Acq On : 29 Jan 2018 08:22
 Operator : SJ/JU
 Sample : J1244-10
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6B51

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:09:03 PM

Quant Time: Jan 29 10:59:30 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 29 04:03:39 2018
 Response via : Initial Calibration



(75) Chrysene-d12 (I)

21.209min (+0.023) 20.00ng/ul m

response 898020

Ion	Exp%	Act%
240.00	100	100
120.00	4.60	7.27#
236.00	24.80	23.44
0.00	0.00	0.00

201/29/18

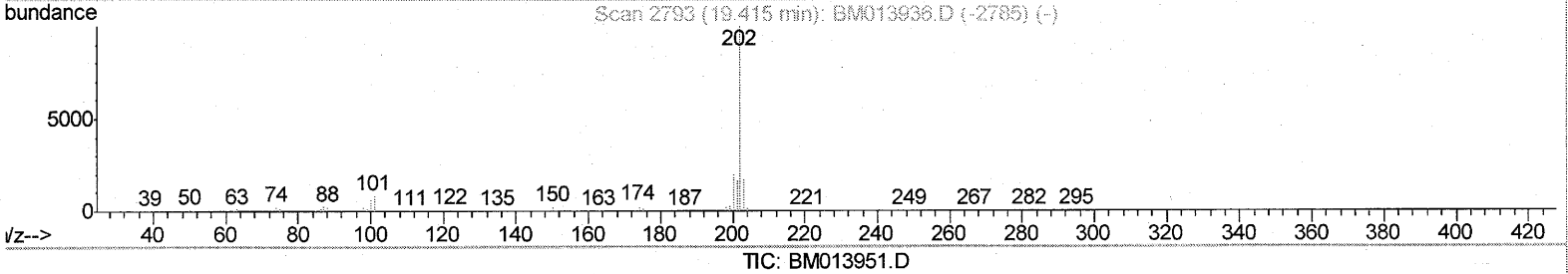
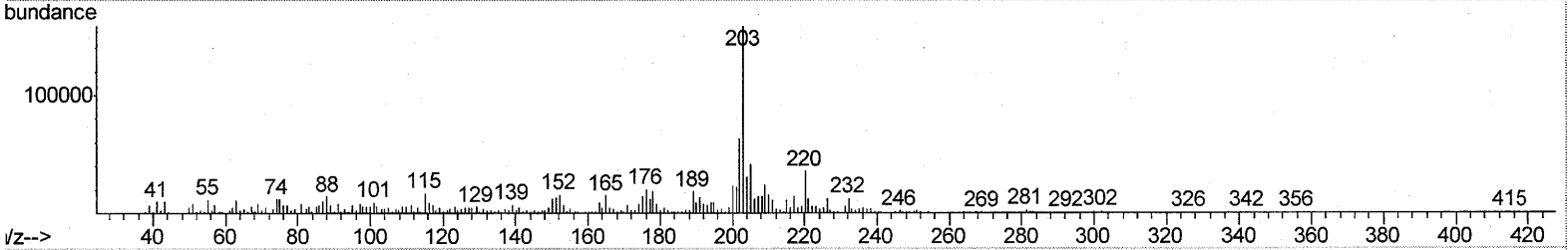
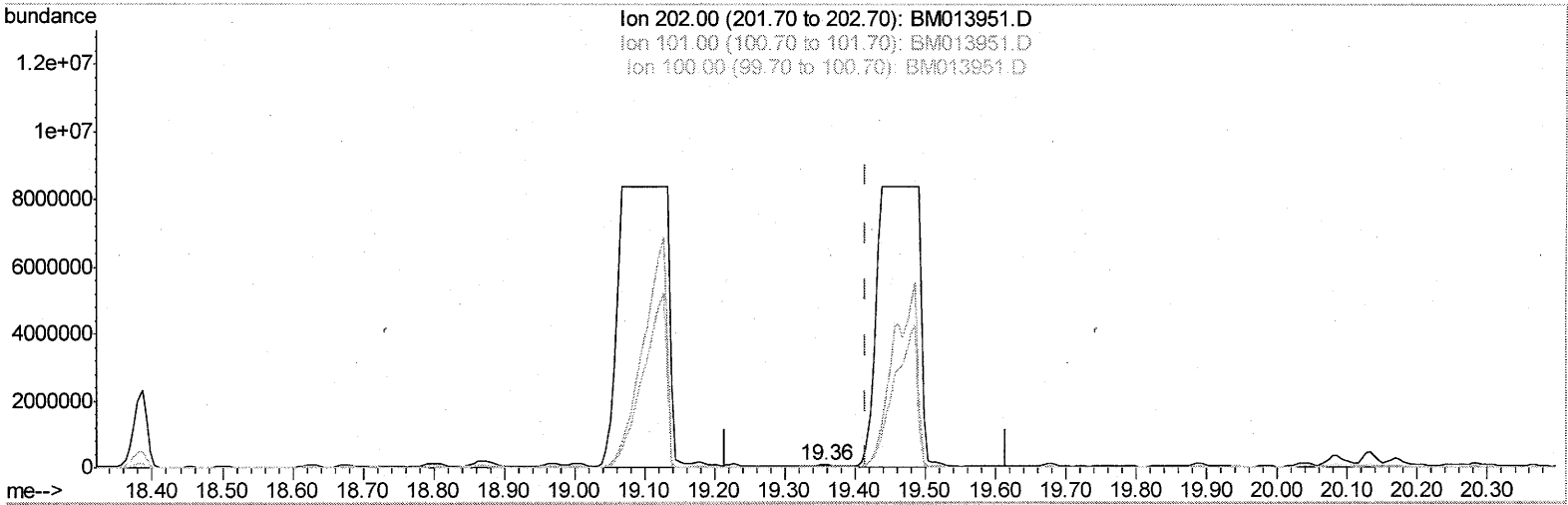
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012818\
 Data File : BM013951.D
 Acq On : 29 Jan 2018 08:22
 Operator : SJ/JU
 Sample : J1244-10
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 F6B51

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:09:03 PM

Quant Time: Jan 29 11:16:21 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 29 04:03:39 2018
 Response via : Initial Calibration



TIC: BM013951.D

(77) Pyrene

19.356min (-0.059) 1.92ng/ul

response 105075

Ion	Exp%	Act%
202.00	100	100
101.00	6.40	14.79#
100.00	6.10	9.00#
0.00	0.00	0.00

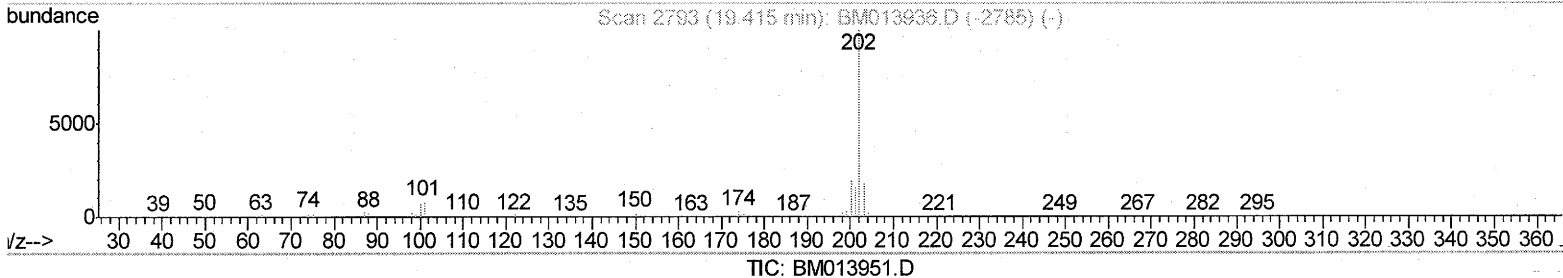
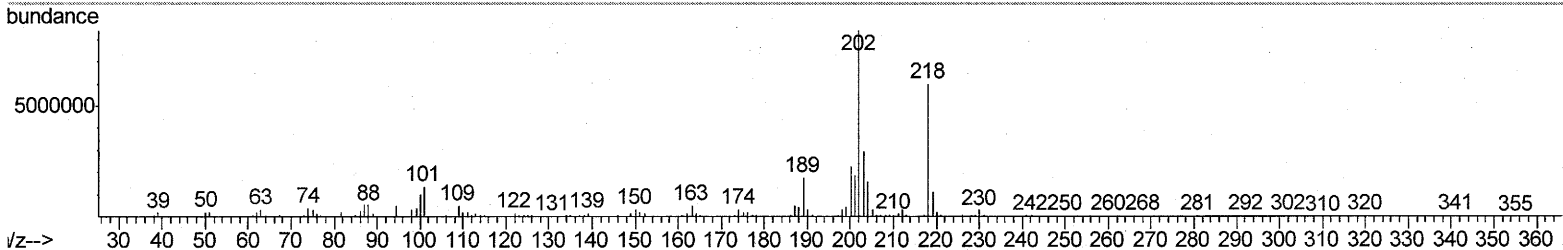
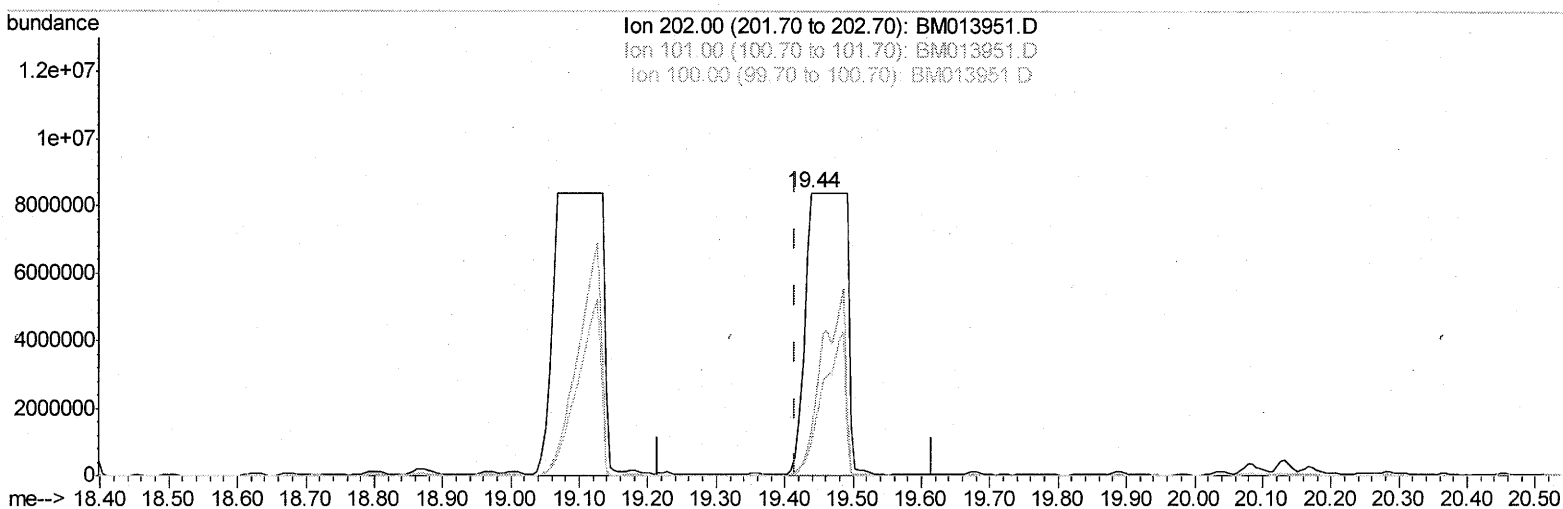
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012818\
 Data File : BM013951.D
 Acq On : 29 Jan 2018 08:22
 Operator : SJ/JU
 Sample : J1244-10
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6B51

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:09:03 PM

Quant Time: Jan 29 11:16:21 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 29 04:03:39 2018
 Response via : Initial Calibration



(77) Pyrene

19.439min (+0.023) 635.54ng/ul m

response 34696101

Ion	Exp%	Act%
202.00	100	100
101.00	6.40	16.12#
100.00	6.10	11.95#
0.00	0.00	0.00

Handwritten signature: JUJ 1/29/18

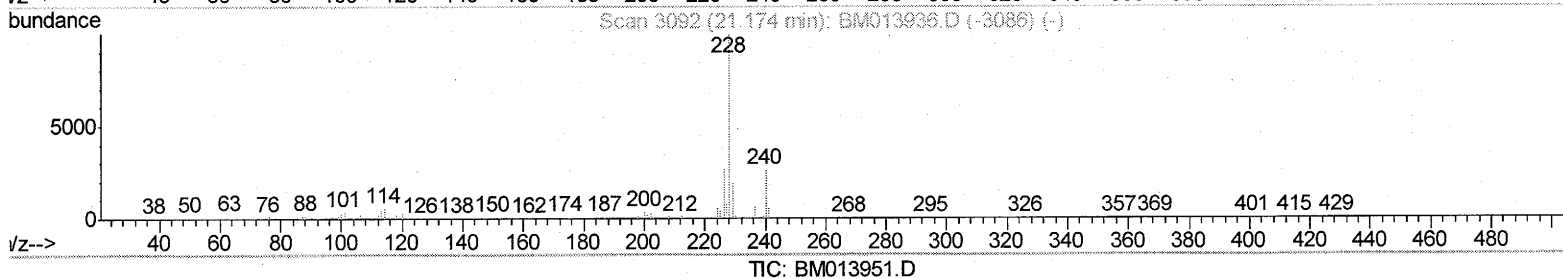
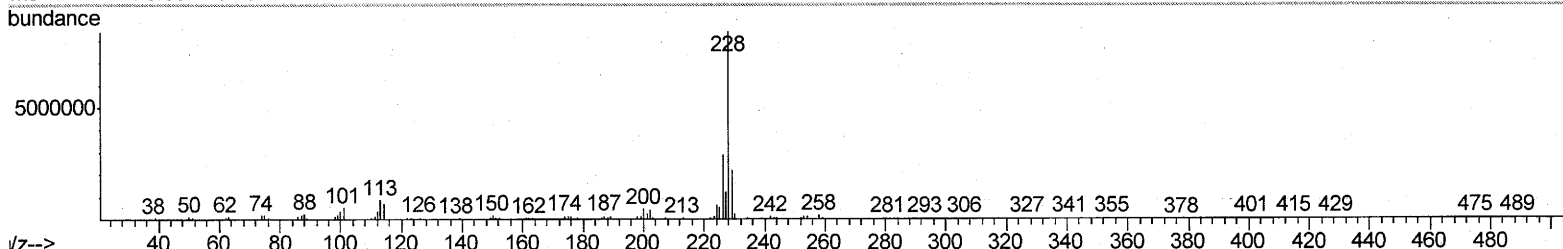
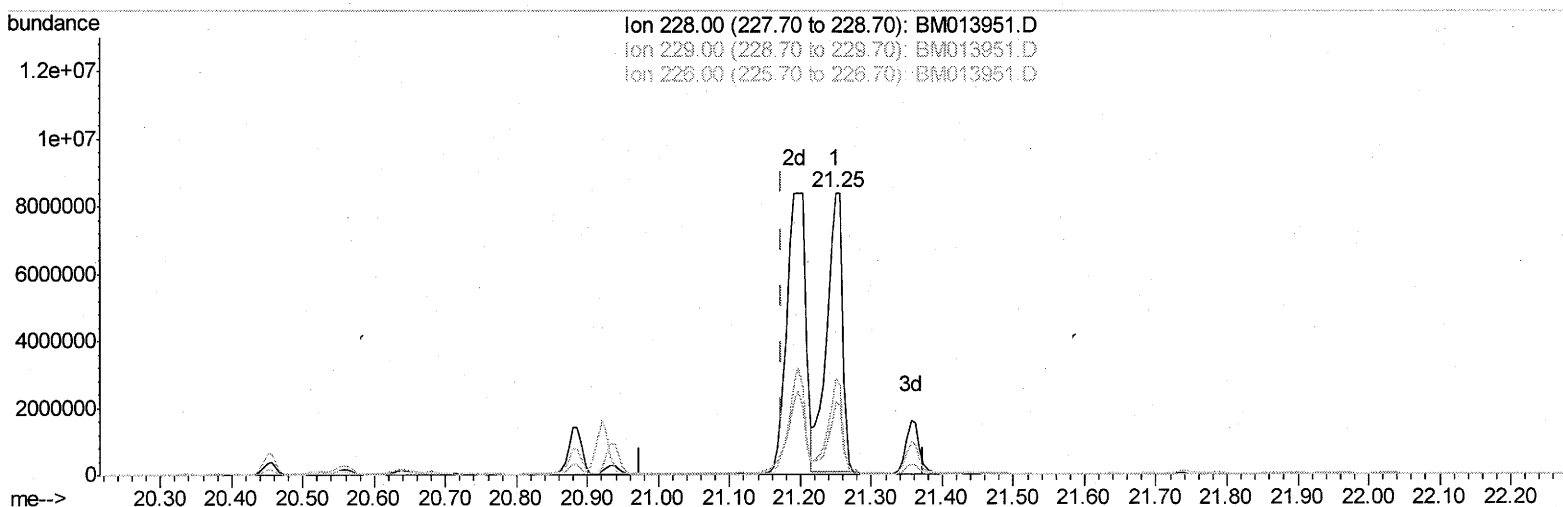
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012818\
 Data File : BM013951.D
 Acq On : 29 Jan 2018 08:22
 Operator : SJ/JU
 Sample : J1244-10
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6B51

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:09:03 PM

Quant Time: Jan 29 11:16:21 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 29 04:03:39 2018
 Response via : Initial Calibration



(80) Benzo(a)anthracene

21.250min (+0.076) 238.23ng/ul

response 12927275

Ion	Exp%	Act%
228.00	100	100
229.00	19.20	25.89#
226.00	26.70	34.35#
0.00	0.00	0.00

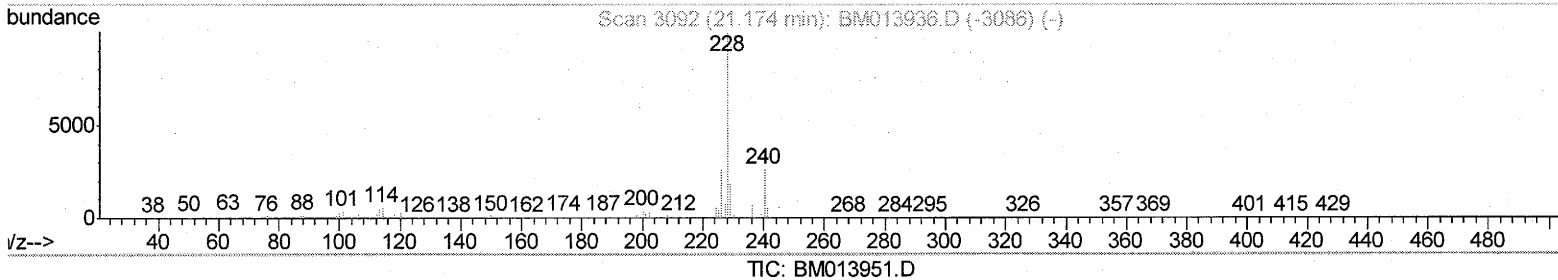
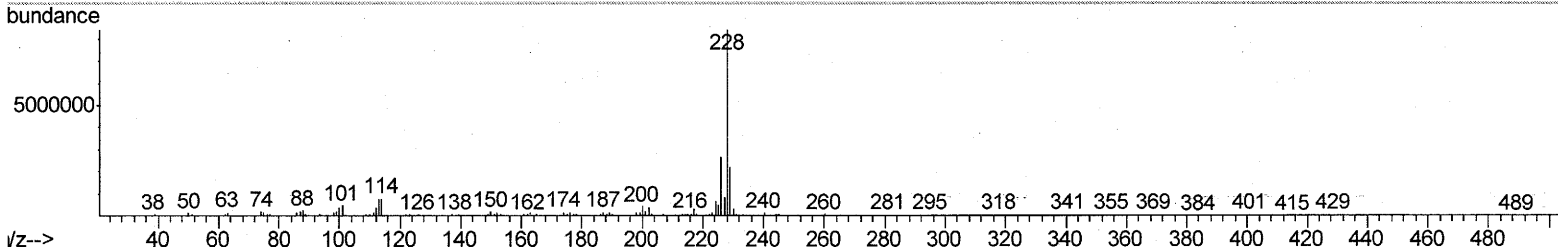
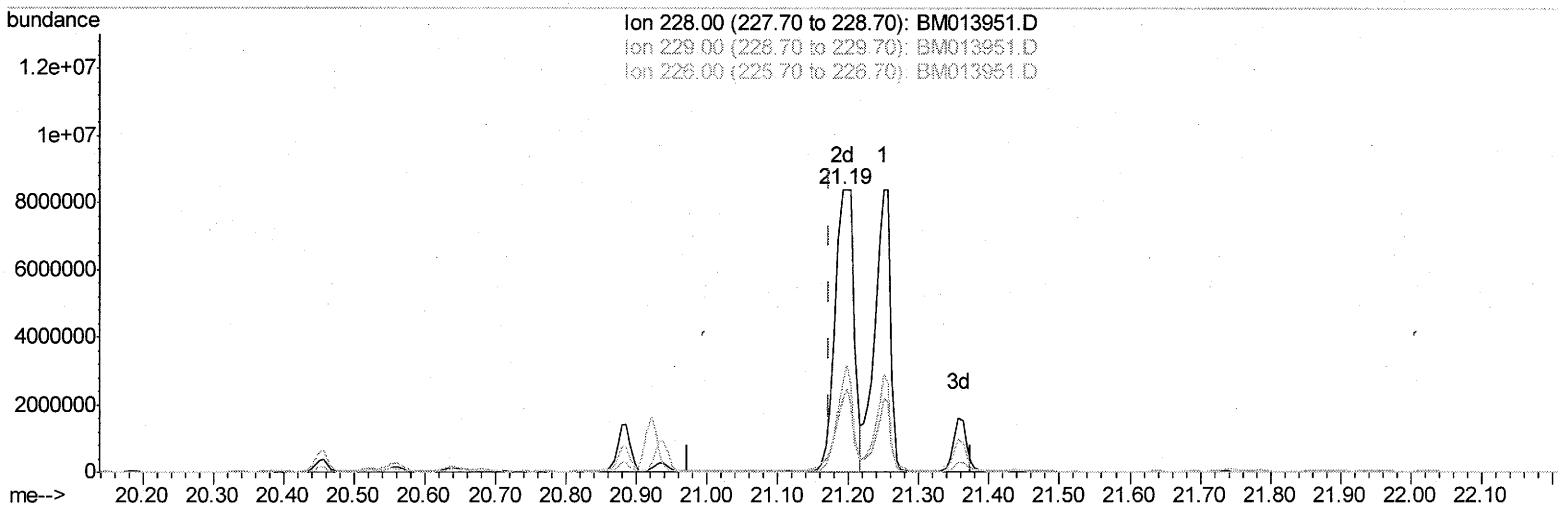
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012818\
 Data File : BM013951.D
 Acq On : 29 Jan 2018 08:22
 Operator : SJ/JU
 Sample : J1244-10
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 F6B51

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:09:03 PM

Quant Time: Jan 29 11:16:21 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 29 04:03:39 2018
 Response via : Initial Calibration



(80) Benzo(a)anthracene

21.191min (+0.018) 289.45ng/ul m

response 15706342

Ion	Exp%	Act%
228.00	100	100
229.00	19.20	25.76#
226.00	26.70	31.81
0.00	0.00	0.00

Handwritten signature/initials
 201/29/18

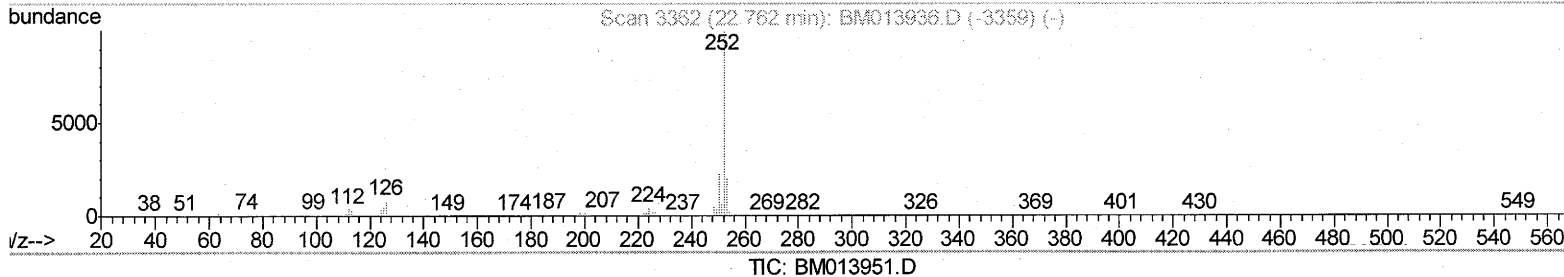
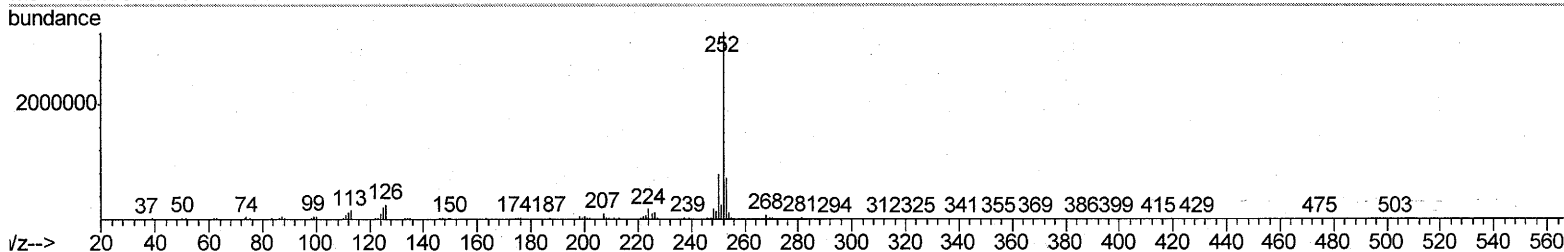
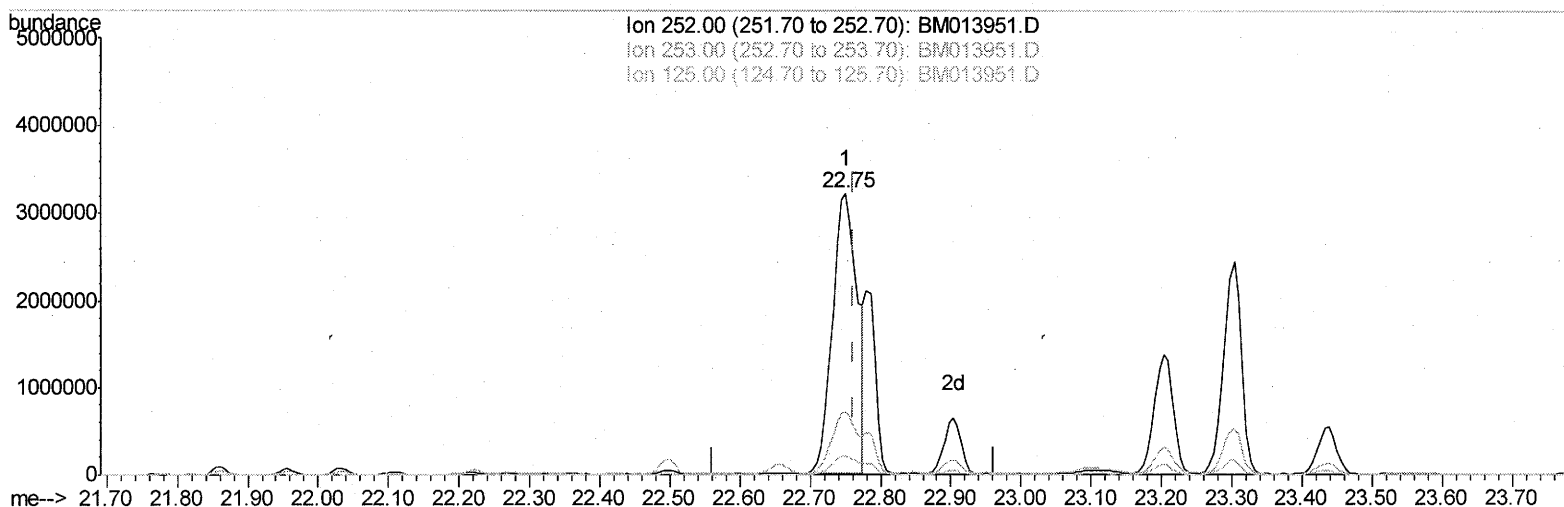
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012818\
 Data File : BM013951.D
 Acq On : 29 Jan 2018 08:22
 Operator : SJ/JU
 Sample : J1244-10
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 F6B51

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:09:03 PM

Quant Time: Jan 29 11:16:21 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 29 04:03:39 2018
 Response via : Initial Calibration



(86) Benzo(k)fluoranthene

22.750min (-0.012) 164.81ng/ul

response 7922238

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.21
125.00	4.30	6.52#
0.00	0.00	0.00

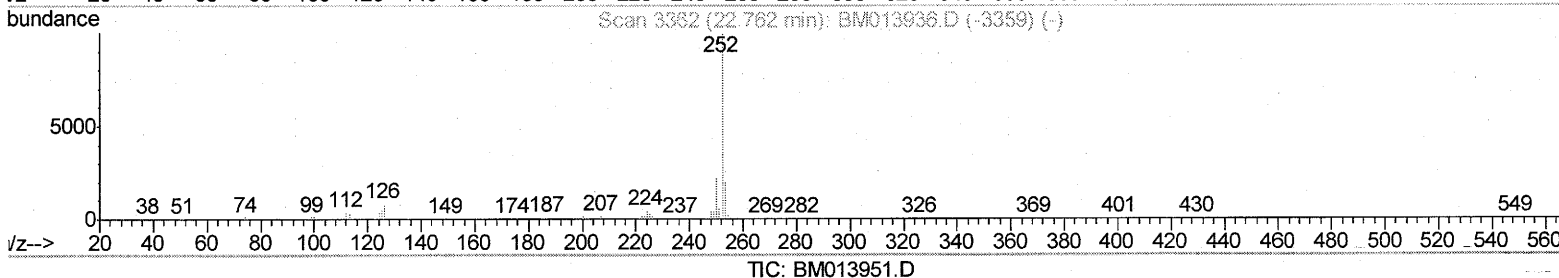
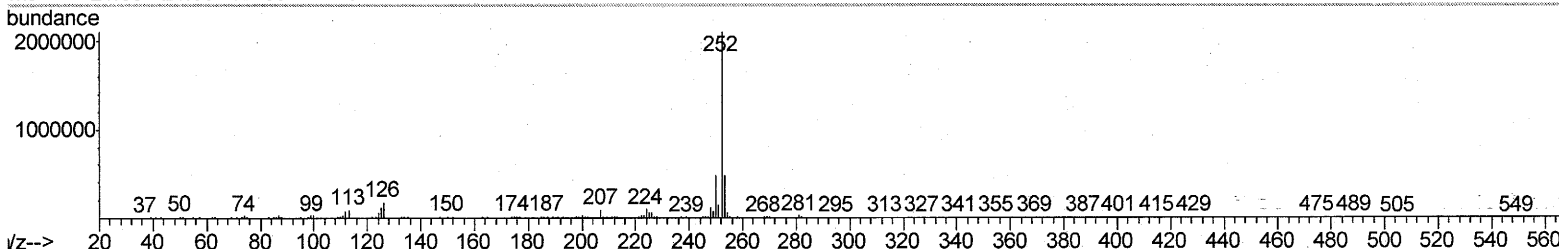
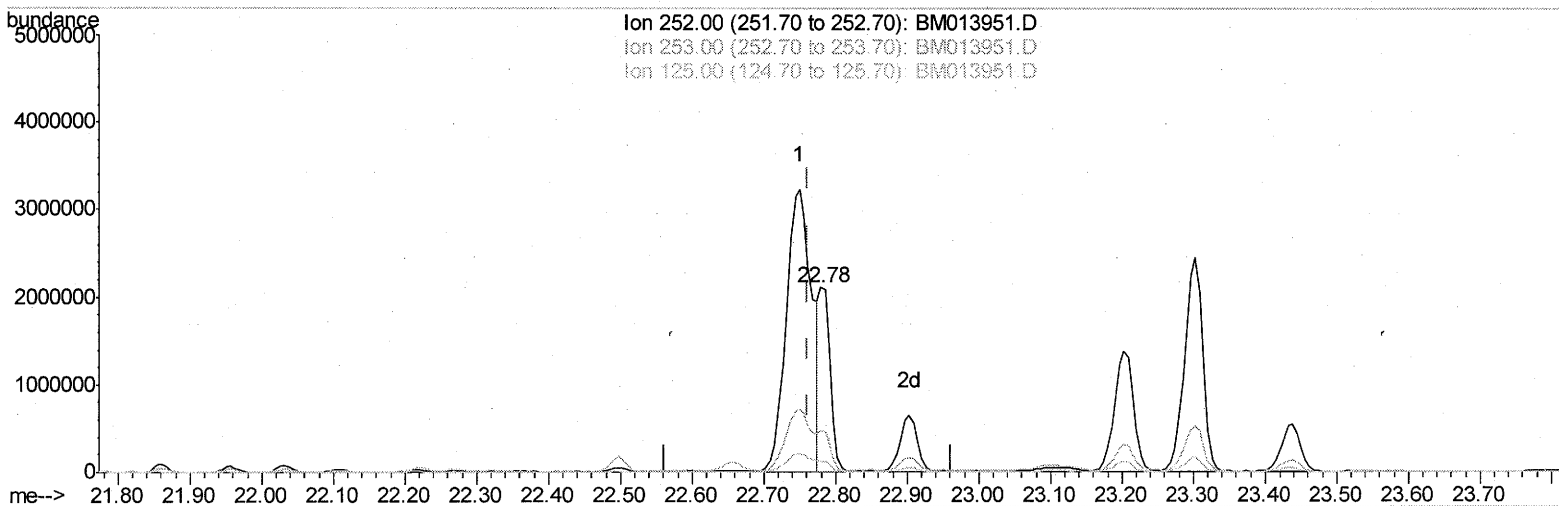
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012818\
 Data File : BM013951.D
 Acq On : 29 Jan 2018 08:22
 Operator : SJ/JU
 Sample : J1244-10
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 F6B51

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:09:03 PM

Quant Time: Jan 29 11:16:21 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 29 04:03:39 2018
 Response via : Initial Calibration



(86) Benzo(k)fluoranthene

22.780min (+0.018) 46.80ng/ul m

response 2249738

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.56
125.00	4.30	5.85#
0.00	0.00	0.00

22.780min

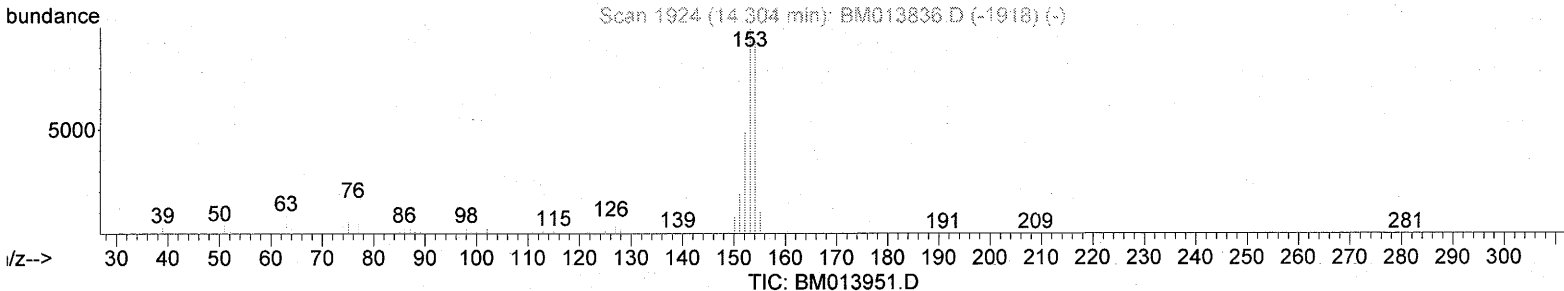
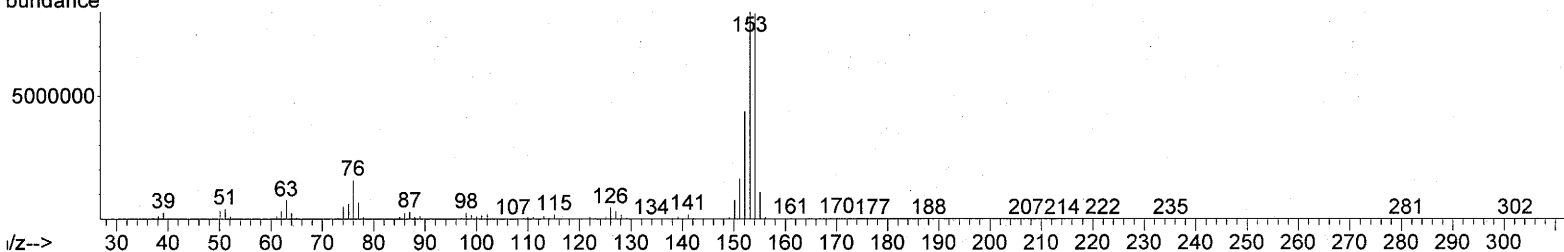
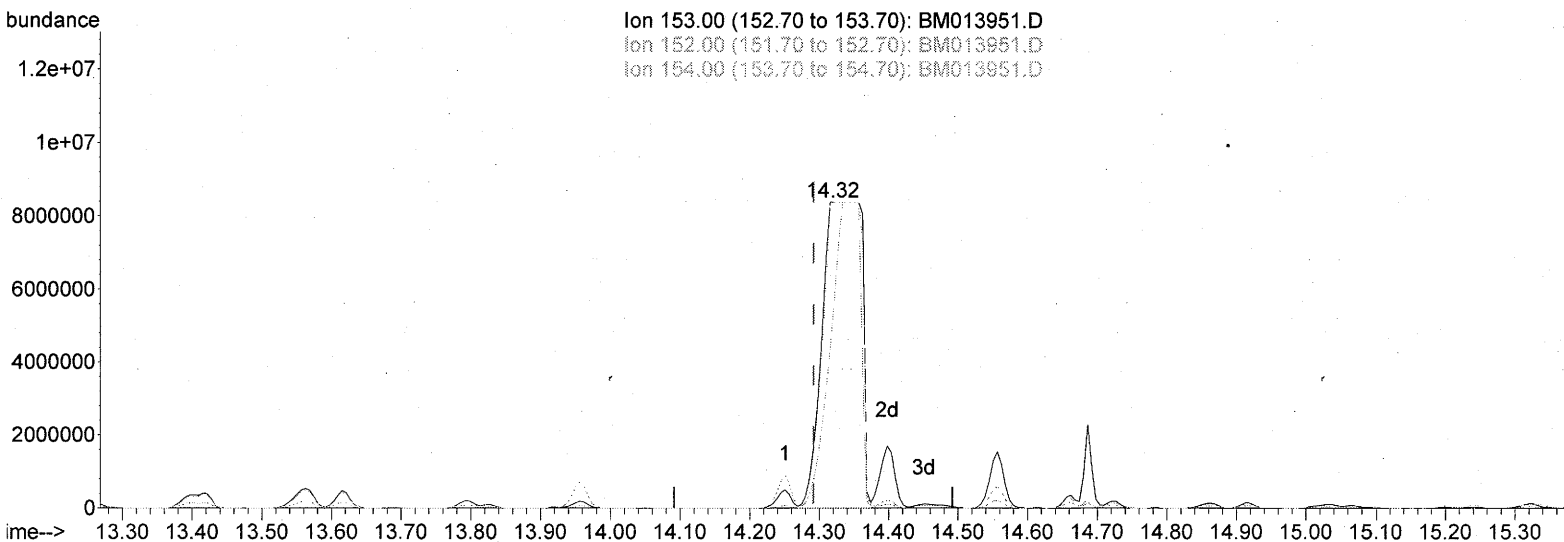
Data Path : Z:\HPCHEM1\BNA M\Data\BM012818\
 Data File : BM013951.D
 Acq On : 29 Jan 2018 08:22
 Operator : SJ/JU
 Sample : J1244-10
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 F6B51

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:09:03 PM

Quant Time: Jan 29 11:20:11 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 29 04:03:39 2018
 Response via : Initial Calibration



(49) Acenaphthene (C)

14.315min (+0.023) 968.18ng/ul m

response 32918199

Ion	Exp%	Act%
153.00	100	100
152.00	47.00	52.12
154.00	88.00	99.37
0.00	0.00	0.00

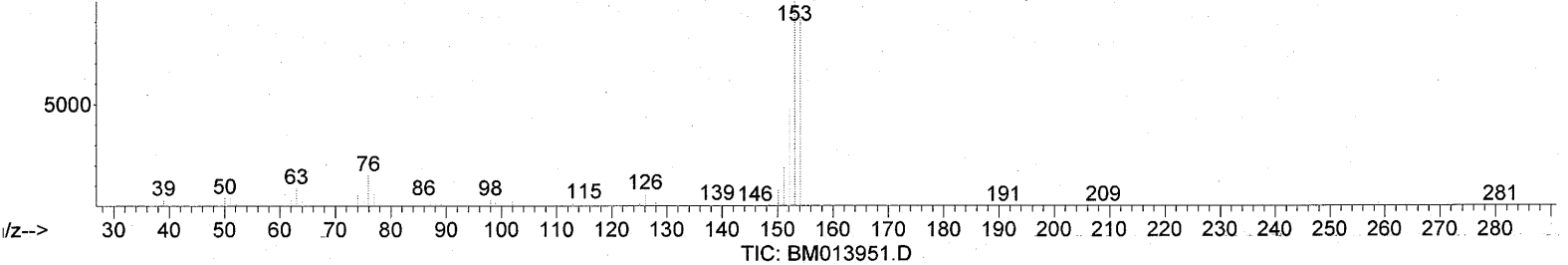
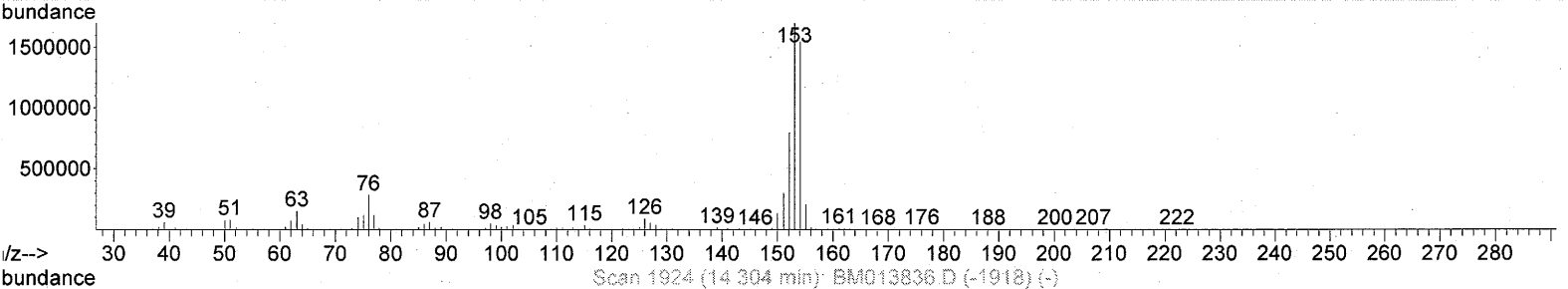
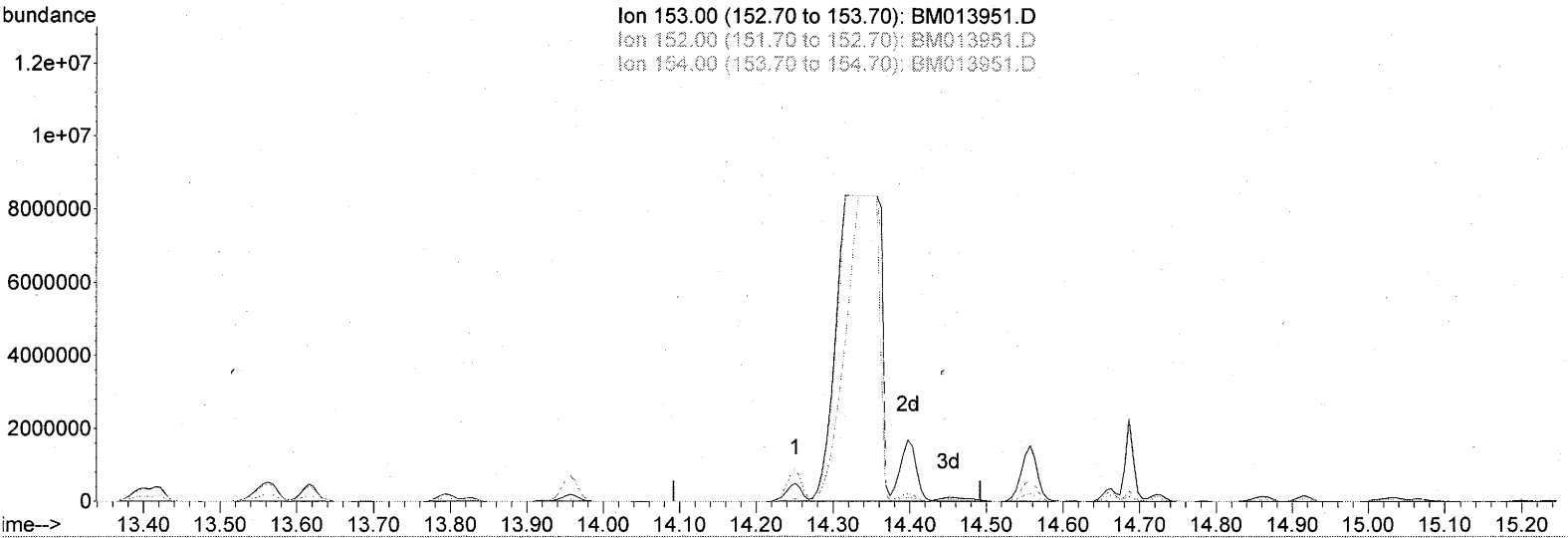
Data Path : Z:\HPCHEM1\BNA M\Data\BM012818\
Data File : BM013951.D
Acq On : 29 Jan 2018 08:22
Operator : SJ/JU
Sample : J1244-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
F6B51

Manual Integrations
APPROVED

Sohil
1/29/2018 6:09:03 PM

Quant Time: Jan 29 11:20:11 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 29 04:03:39 2018
Response via : Initial Calibration



(49) Acenaphthene (C)

14.292min (-14.292) 0.00ng/ul d

response 0

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

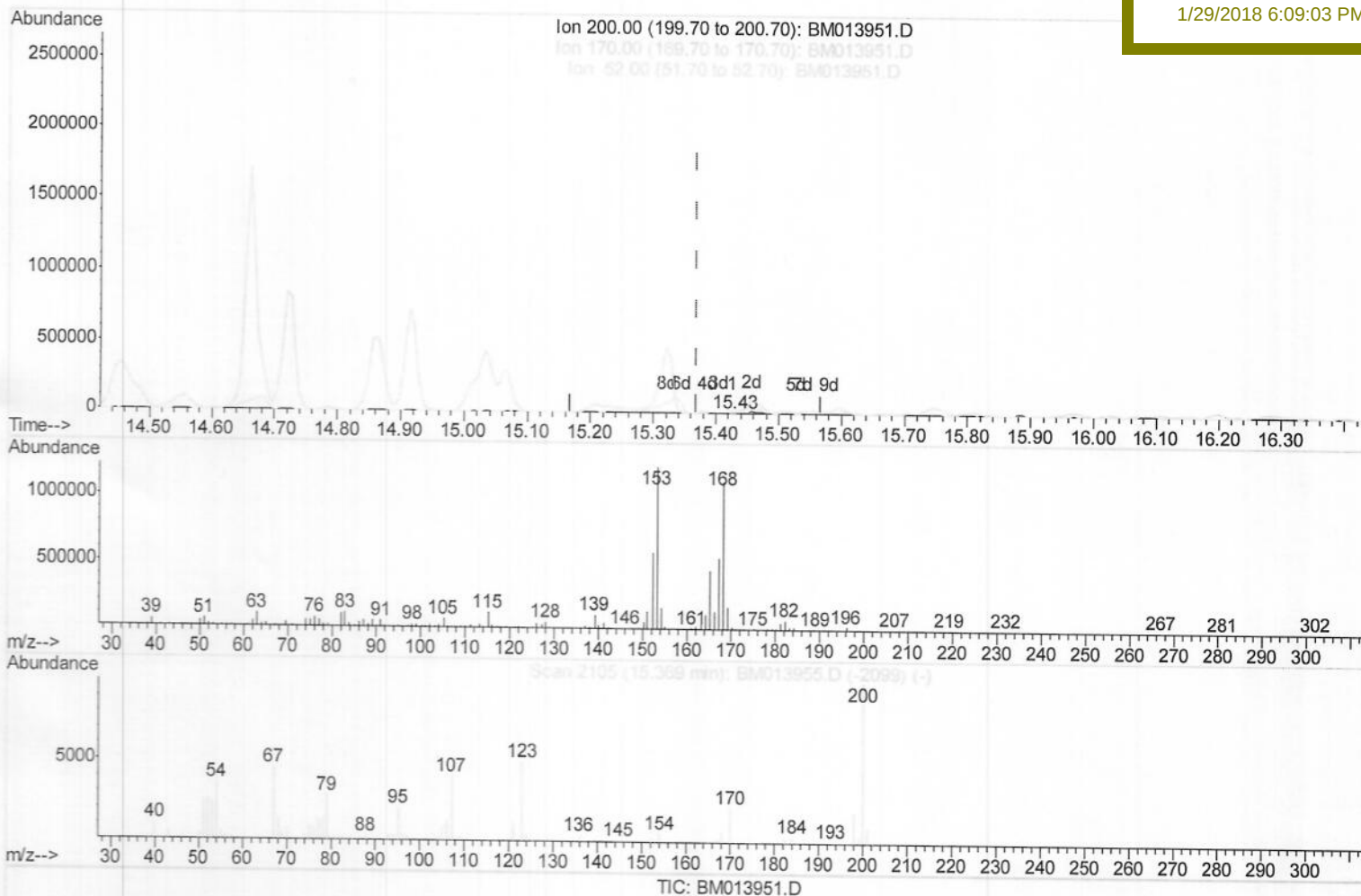
Quantitation Report (Qedit)

ALS Vial : 33 Sample Multiplier: 1

Response via : Initial Calibration

F6B51

1/29/2018 6:09:03 PM



0.00	0.00	0.00
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Data Path : Z:\HPCHEM1\BNA_M\Data\BM012818\

Quantitation Report (Qedit)

Data File : BM013951.D

Acq On : 29 Jan 2018 08:22

Operator : SJ/JU

Sample : J1244-10

Misc :

ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jan 29 16:35:55 2018

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Jan 29 04:03:39 2018

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

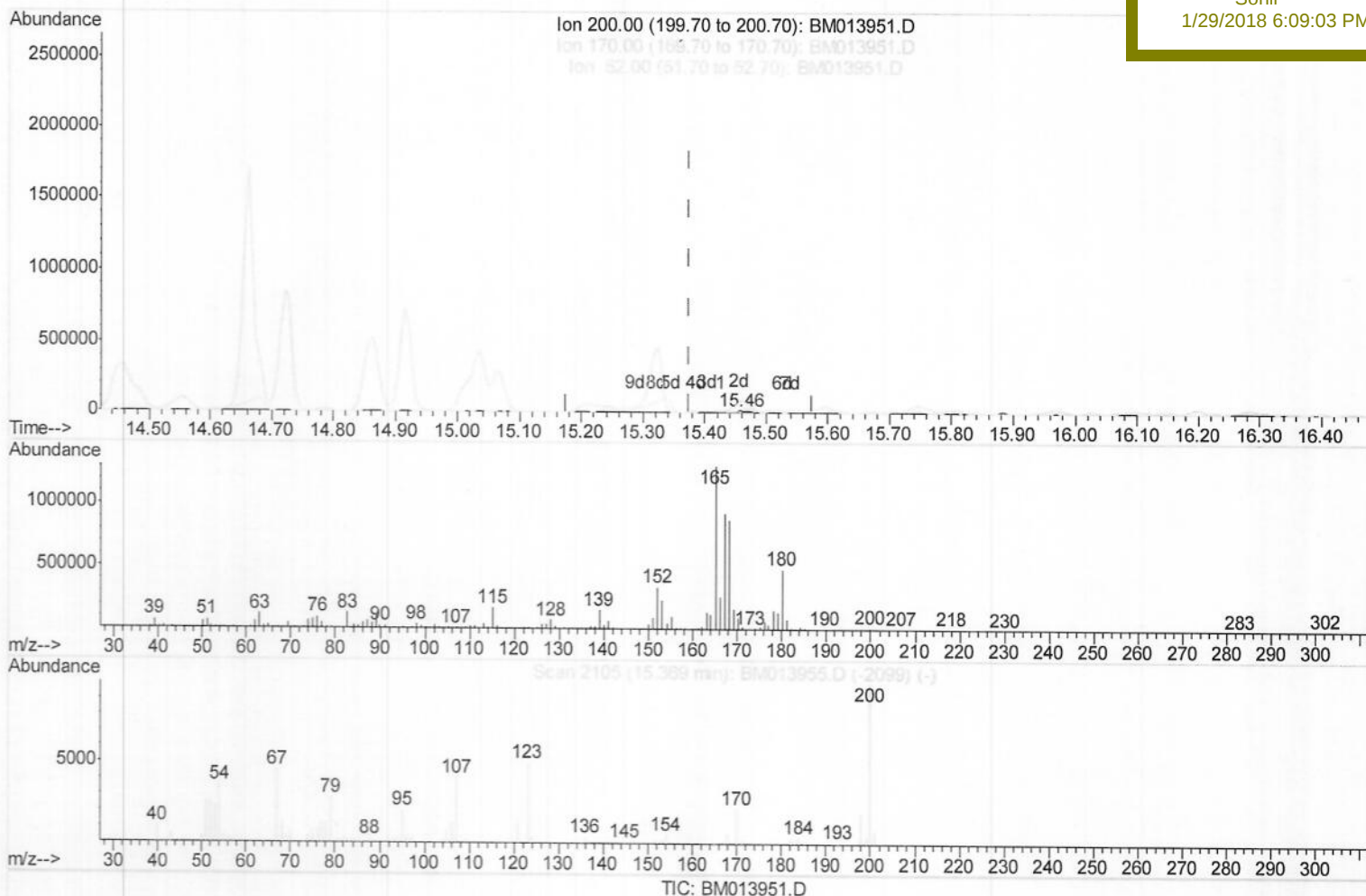
F6B51

Manual Integrations

APPROVED

Sohil

1/29/2018 6:09:03 PM



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

15.457min (+0.082) 3.93ng/ul m

response 20124

Ion Exp% Act%

200.00 100 100

170.00 23.50 708.89#

52.00 49.50 174.17#

0.00 0.00 0.00

Data File : BM013951.D

Acq On : 29 Jan 2018 08:22

Operator : SJ/JU

Sample : J1244-10

Misc :

ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jan 29 16:35:55 2018

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Jan 29 04:03:39 2018

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

F6B51

Manual Integrations

APPROVED

Sohil

1/29/2018 6:09:03 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	151354	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	589792	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.25	164	510520	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.05	188	851435	20.00	ng/ul	0.06
75) Chrysene-d12	21.21	240	898020m	20.00	ng/ul	0.02
83) Perylene-d12	23.39	264	809769	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	8471	2.21	ng/uL	0.00
5) Phenol-d5	6.76	99	225059	19.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	147042	20.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	192063	20.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	204535	22.90	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	111234	24.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	111621	23.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	222358	23.80	ng/ul	0.01
29) 4-Chloroaniline-d4	10.50	131	272270	33.59	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	653507	15.53	ng/ul	0.02
46) Acenaphthylene-d8	13.93	160	790348	14.73	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	55048	8.05	ng/ul	0.02
57) Fluorene-d10	15.24	176	541560	14.64	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.46	200	20124m	3.93	ng/ul	0.08
70) Anthracene-d10	17.14	188	933340	22.51	ng/ul	0.06
76) Pyrene-d10	19.42	212	1050738	25.13	ng/ul	0.04
87) Benzo(a)pyrene-d12	23.26	264	902646	24.25	ng/ul	0.02

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Phenol	6.79	94	33244	2.85	ng/ul	94
28) Naphthalene	10.41	128	36487474m	1243.52	ng/ul	
34) 2-Methylnaphthalene	12.04	142	32552215m	1488.01	ng/ul	
40) 1,1'-Biphenyl	13.07	154	13657989	321.40	ng/ul	96
44) Dimethylphthalate	13.72	163	269260	6.51	ng/ul	99
47) Acenaphthylene	13.96	152	1060500	21.60	ng/ul#	85
49) Acenaphthene	14.32	153	32918199m	968.18	ng/ul	
53) Dibenzofuran	14.65	168	27547355m	538.57	ng/ul	
58) Fluorene	15.31	166	29296893m	699.23	ng/ul	
68) Pentachlorophenol	16.70	266	99828	17.35	ng/ul	88
69) Phenanthrene	17.04	178	55686536m	1176.61	ng/ul	
71) Anthracene	17.17	178	17348050m	355.37	ng/ul	
72) Carbazole	17.42	167	6327725	157.03	ng/ul	100
74) Fluoranthene	19.07	202	40153219m	710.75	ng/ul	
77) Pyrene	19.44	202	34696101m	635.54	ng/ul	
80) Benzo(a)anthracene	21.19	228	15706342m	289.45	ng/ul	
82) Chrysene	21.25	228	12927275	259.69	ng/ul#	89
85) Benzo(b)fluoranthene	22.75	252	7922238	159.31	ng/ul#	99
86) Benzo(k)fluoranthene	22.78	252	2249738m	46.80	ng/ul	
88) Benzo(a)pyrene	23.30	252	4300605	91.54	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.57	276	1201562	21.67	ng/ul	98
90) Dibenzo(a,h)anthracene	25.57	278	380085	8.12	ng/ul#	94
91) Benzo(g,h,i)perylene	26.24	276	881308	19.31	ng/ul#	96

Data Path : Z:\HPCHEM1\BNA_M\Data\BM012818\
Quantitation Report (LSC Reviewed)

Data File : BM013951.D
Acq On : 29 Jan 2018 08:22
Operator : SJ/JU
Sample : J1244-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jan 29 16:35:55 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 29 04:03:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_M
ClientSampleId :
F6B51

Manual Integrations
APPROVED

Sohil
1/29/2018 6:09:03 PM