

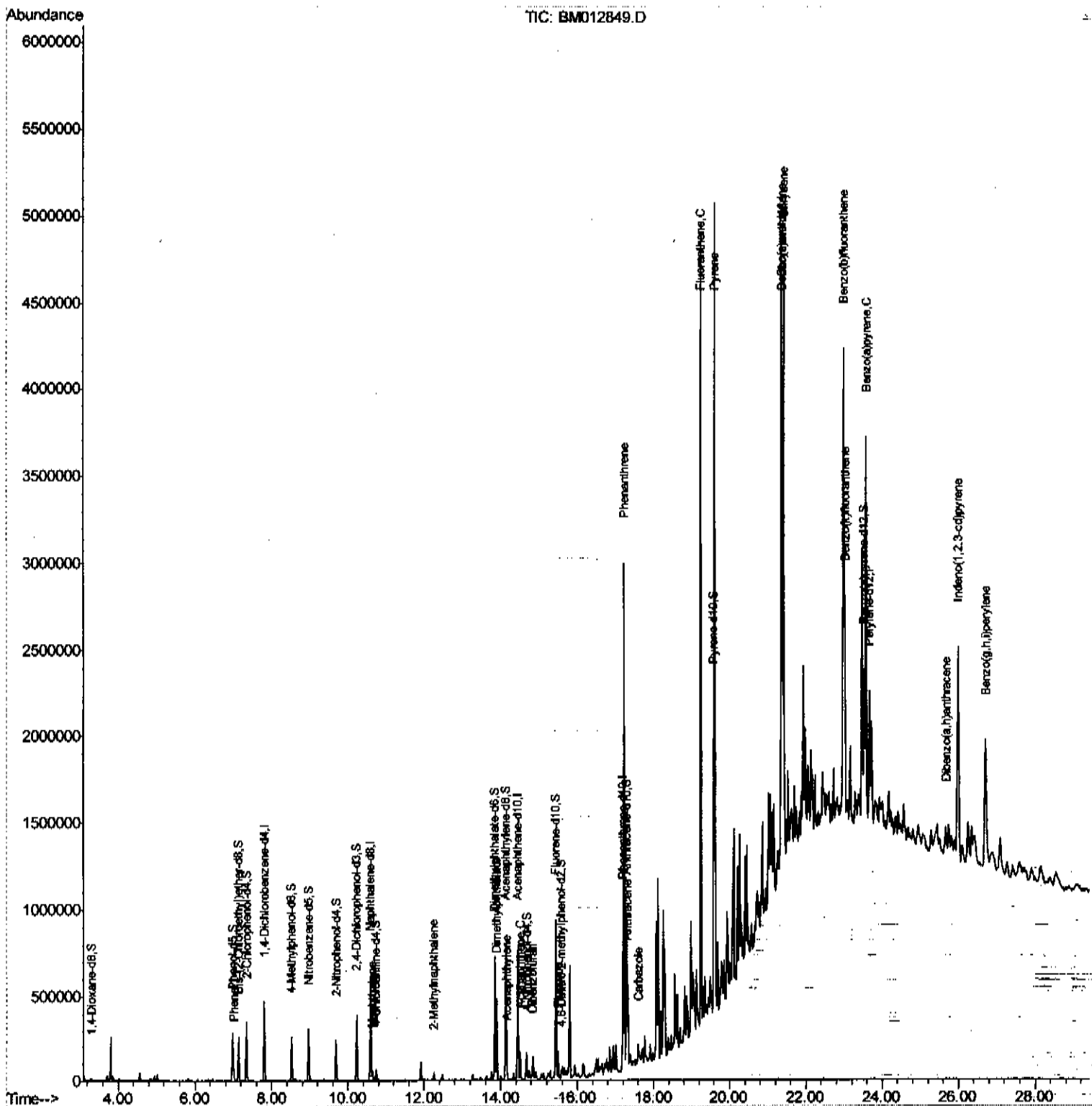
Data Path : \\4.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110817\
 Data File : BM012849.D
 Acq On : 09 Nov 2017 12:05
 Operator : SJ/JU
 Sample : I6096-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 B-76(0-1)-102317

Manual Integrations
 APPROVED

Sohil
 11/9/2017 3:49:21 PM

Quant Time: Nov 09 14:15:09 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 05:48:58 2017
 Response via : Initial Calibration



Instrument :
BNA_M
ClientSampleId :
B-76(0-1)-102317

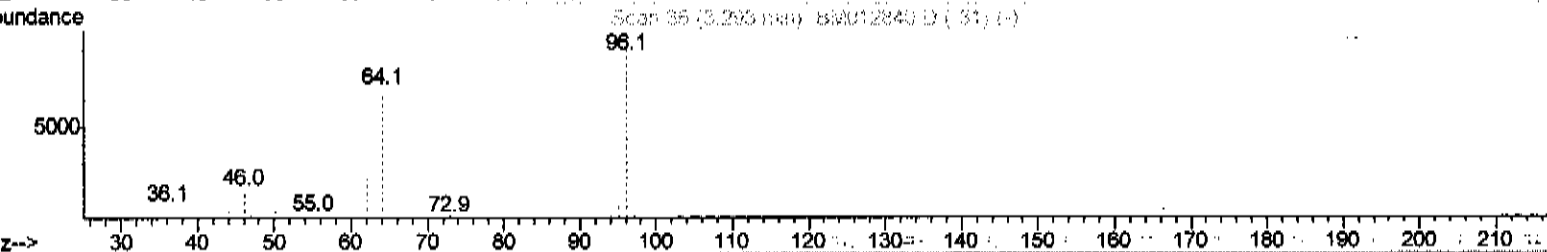
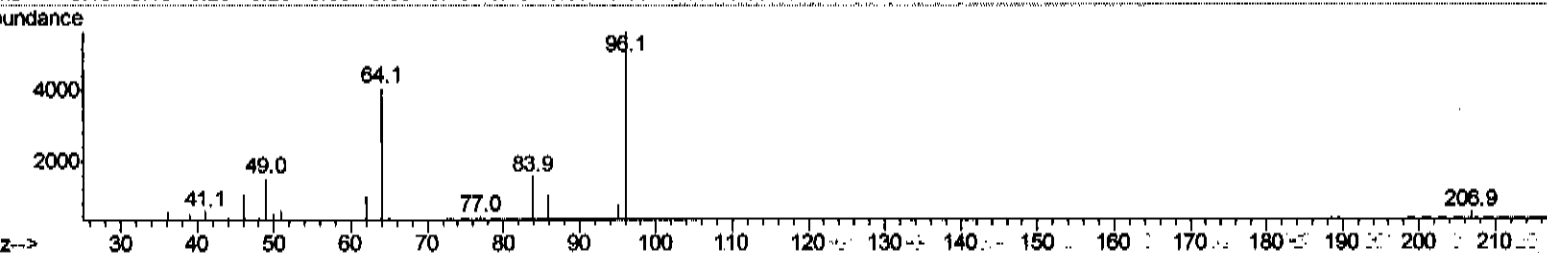
Sohil
11/9/2017 3:49:21 PM

Abundance

Ion 96.00 (95.70 to 96.70): BM012849.D
Ion 64.00 (63.70 to 64.70): BM012849.D
Ion 34.00 (33.70 to 34.70): BM012849.D

3.29

Time--> 3.10 3.15 3.20 3.25 3.30 3.35 3.40 3.45 3.50 3.55 3.60 3.65 3.70 3.75 3.80 3.85 3.90 3.95 4.00 4.05 4.10 4.15 4.20 4.25 4.30



Ion	Exp%	Act%
96.00	100	100
64.00	67.80	66.68
34.00	0.00	0.00
0.00	0.00	0.00

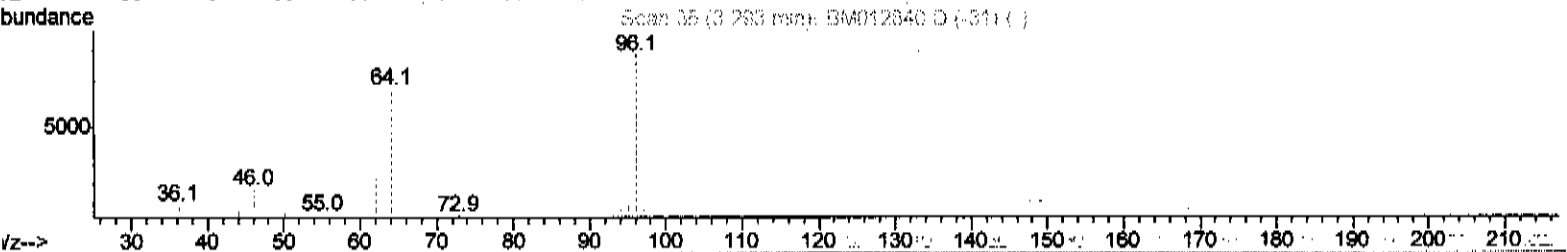
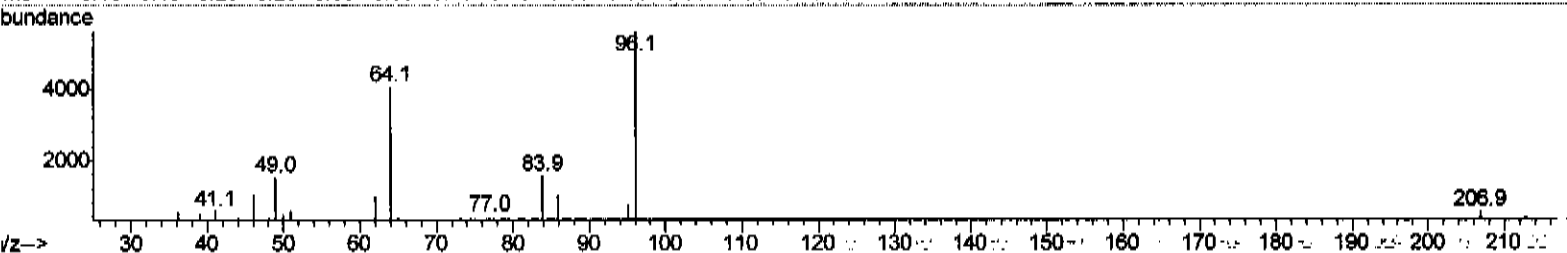
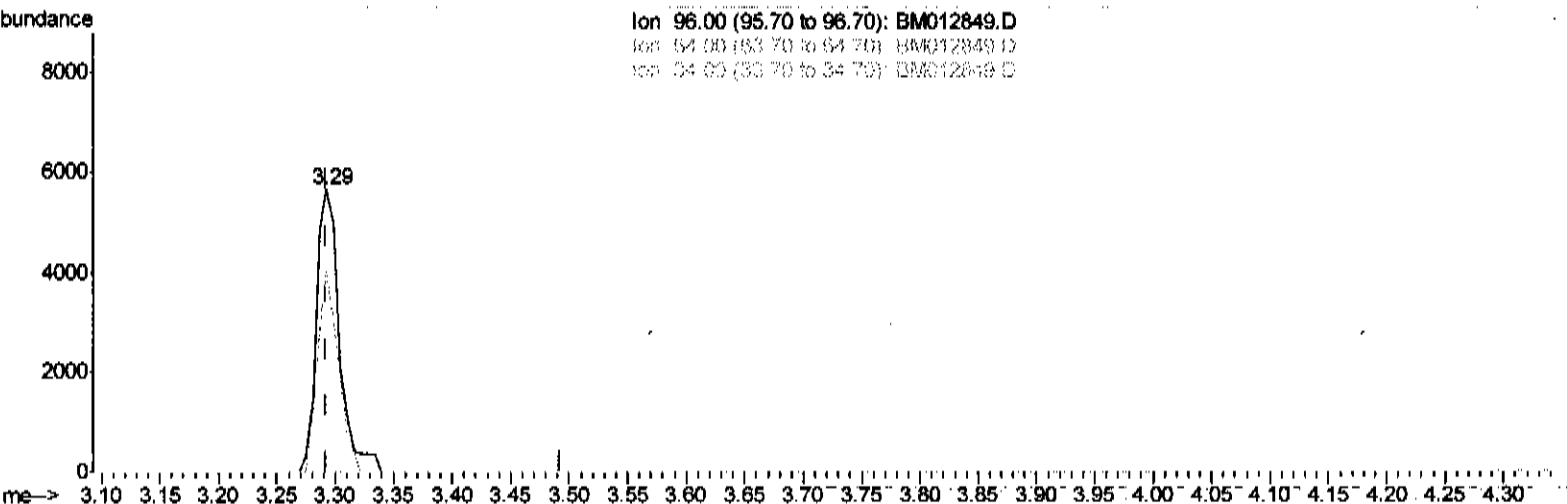
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110817\
 Data File : BM012849.D
 Acq On : 09 Nov 2017 12:05
 Operator : SJ/JU
 Sample : I6096-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-76(0-1)-102317

Manual Integrations
 APPROVED

Sohil
 11/9/2017 3:49:21 PM

Quant Time: Nov 09 13:55:55 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 05:48:58 2017
 Response via : Initial Calibration



TIC: BM012849.D

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

3.293min (+0.000) 3.08ng/uL.m *SJ 11/13/17*

response 7727

Ion	Exp%	Act%
96.00	100	100
64.00	67.80	64.51
34.00	0.00	0.00
0.00	0.00	0.00

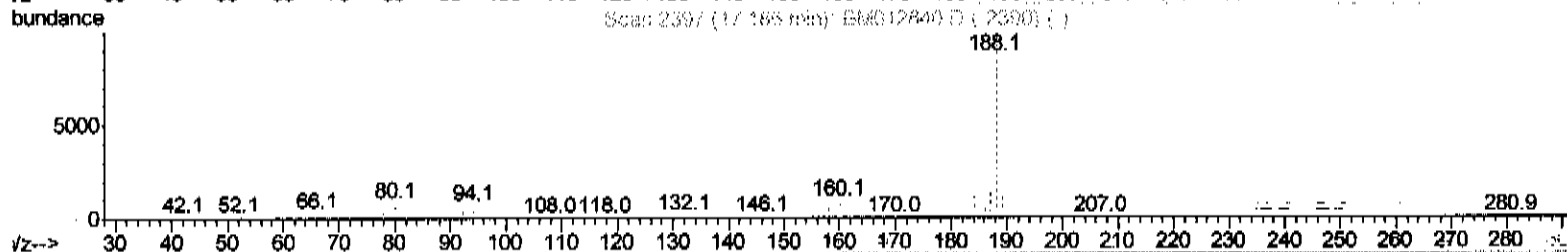
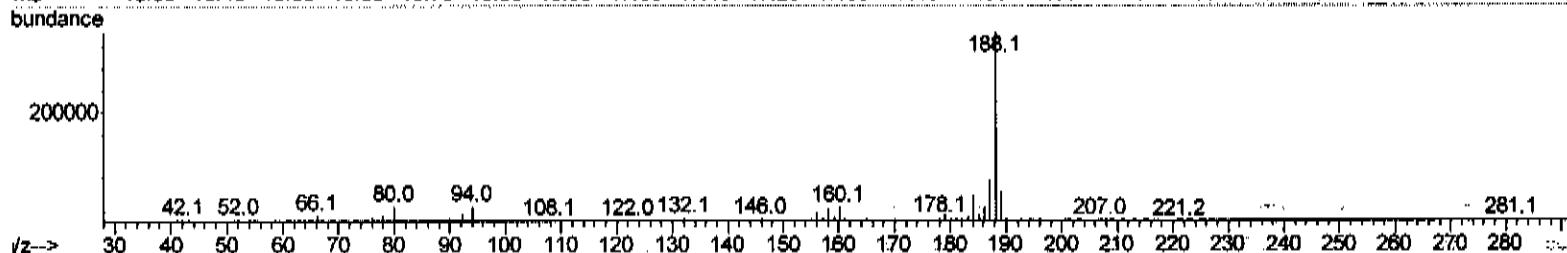
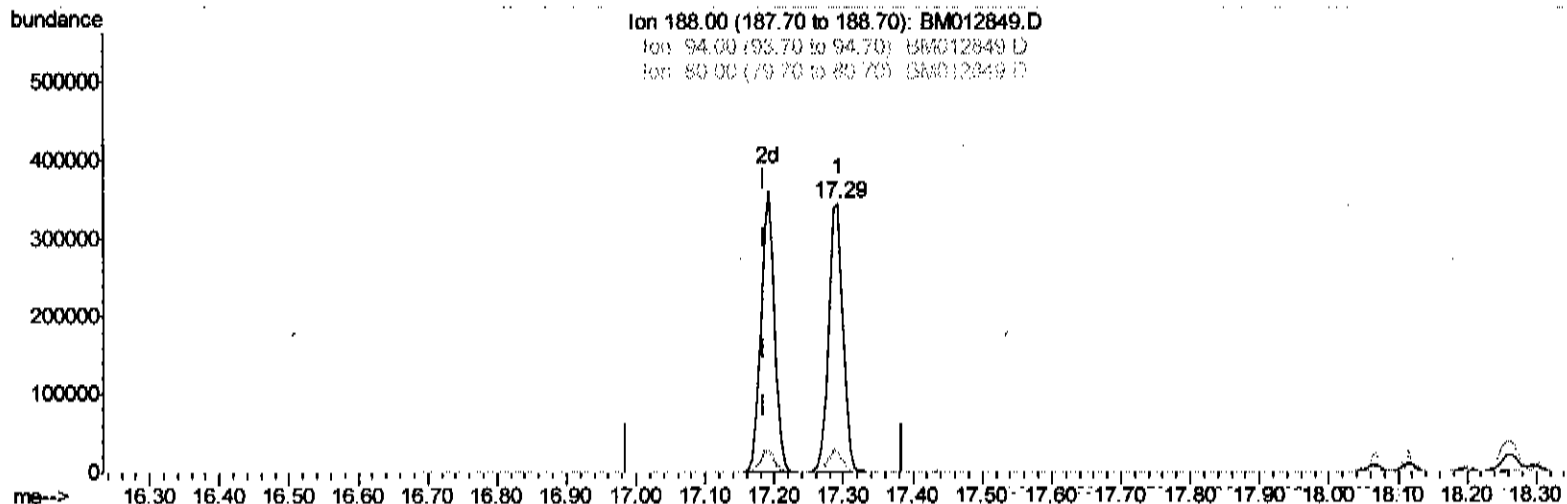
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110817\
 Data File : BM012849.D
 Acq On : 09 Nov 2017 12:05
 Operator : SJ/JU
 Sample : I6096-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-76(0-1)-102317

Manual Integrations
 APPROVED

Sohil
 11/9/2017 3:49:21 PM

Quant Time: Nov 09 13:55:55 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 05:48:58 2017
 Response via : Initial Calibration



TIC: BM012849.D

(61) Phenanthrene-d10 (I)

17.292min (+0.106) 20.00ng/ul

response 496298

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	7.81
80.00	9.70	7.78
0.00	0.00	0.00

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	7.81
80.00	9.70	7.78
0.00	0.00	0.00

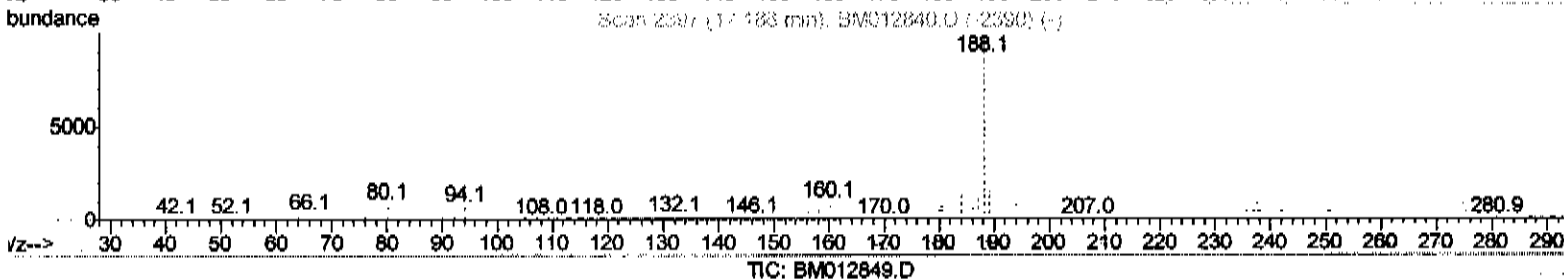
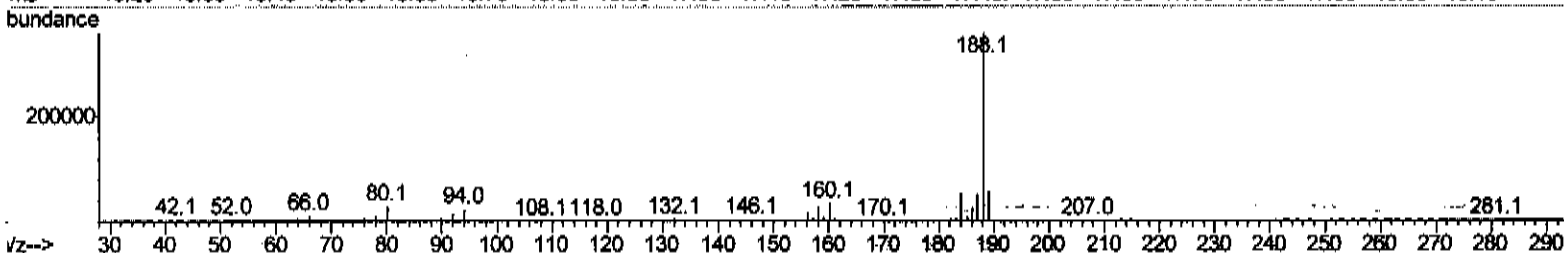
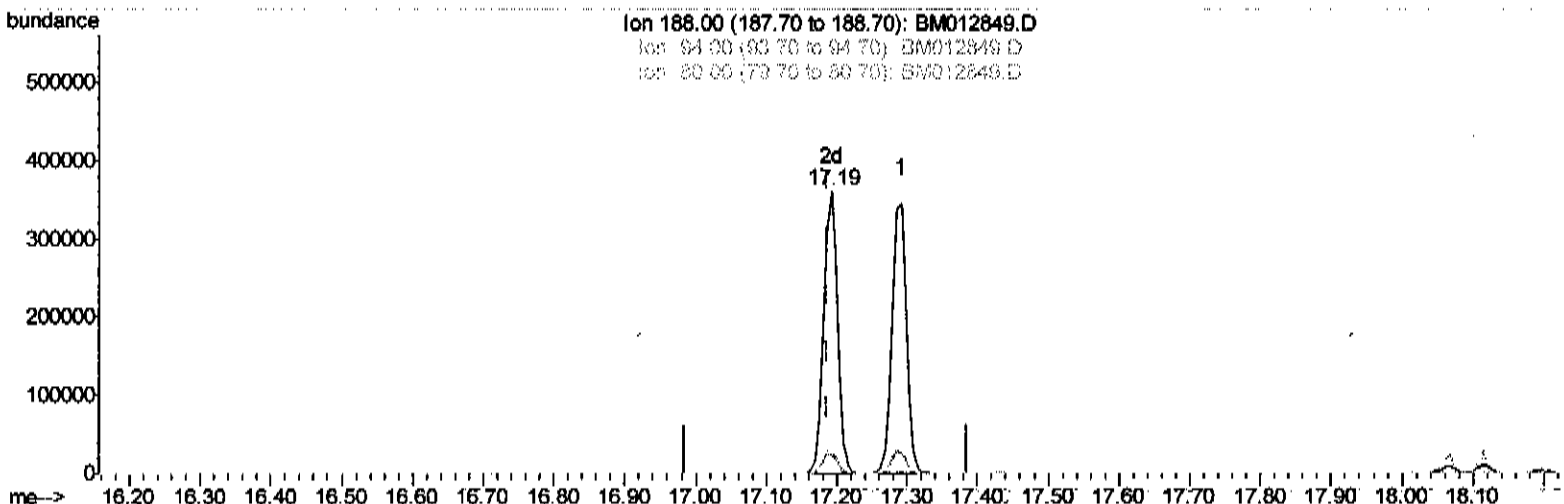
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110817\
 Data File : BM012849.D
 Acq On : 09 Nov 2017 12:05
 Operator : SJ/JU
 Sample : I6096-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-76(0-1)-102317

Manual Integrations
 APPROVED

Sohil
 11/9/2017 3:49:21 PM

Quant Time: Nov 09 13:55:55 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 05:48:58 2017
 Response via : Initial Calibration



(61) Phenanthrene-d10 (I)

17.192min (+0.006) 20.00ng/ul m

SJ 11/13/17

response 492764

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	6.57#
80.00	9.70	7.89
0.00	0.00	0.00

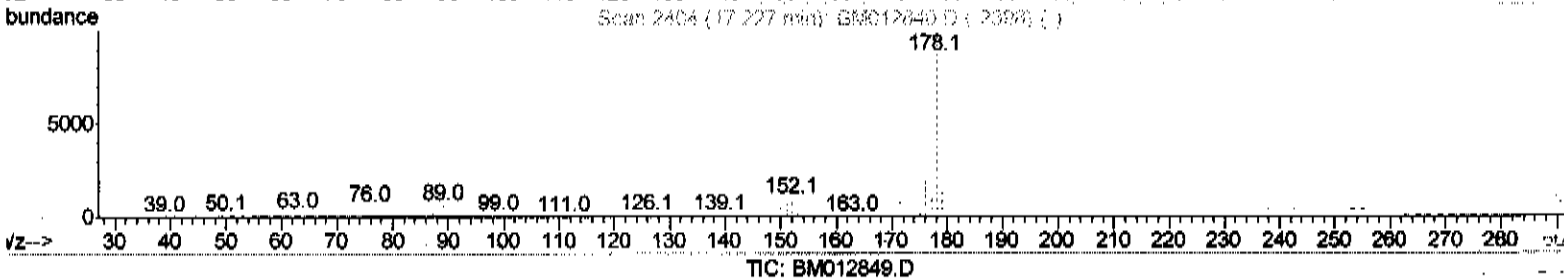
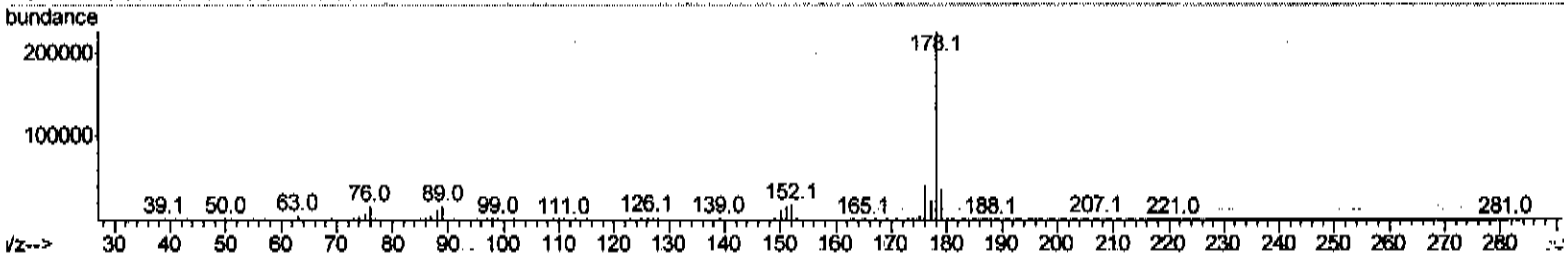
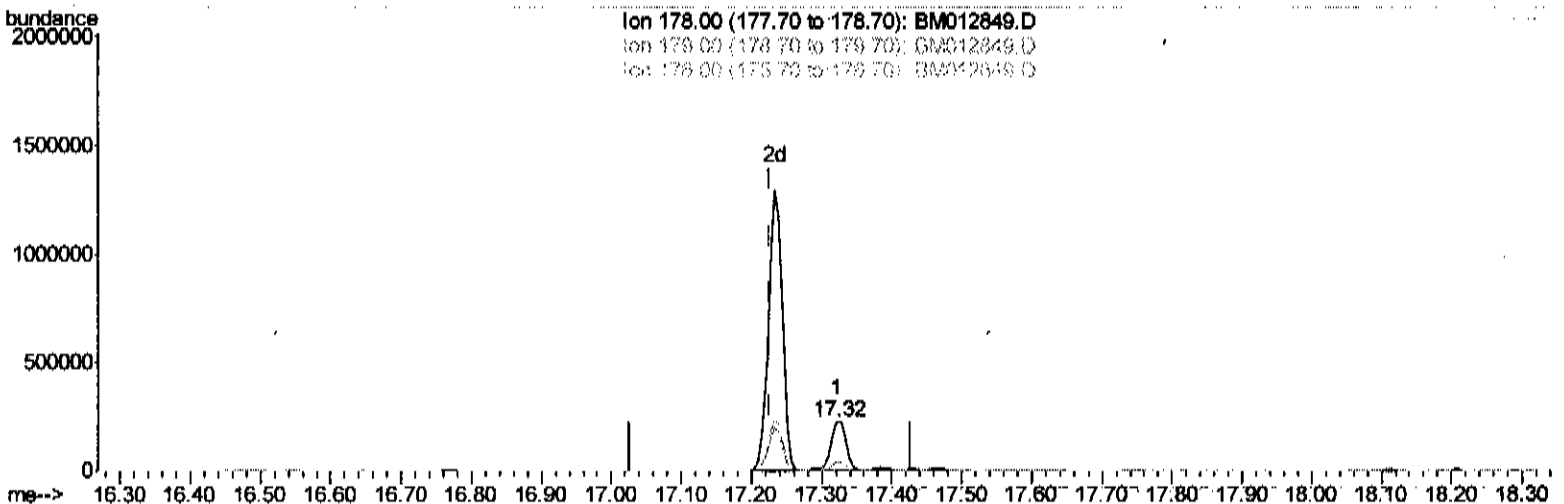
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110817\
 Data File : BM012849.D
 Acq On : 09 Nov 2017 12:05
 Operator : SJ/JU
 Sample : I6096-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-76(0-1)-102317

Manual Integrations
 APPROVED

Sohil
 11/9/2017 3:49:21 PM

Quant Time: Nov 09 13:55:55 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 05:48:58 2017
 Response via : Initial Calibration



TIC: BM012849.D

(69) Phenanthrene

17.321min (+0.094) 12.17ng/ul

response 327898

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	16.01
176.00	19.50	18.06
0.00	0.00	0.00

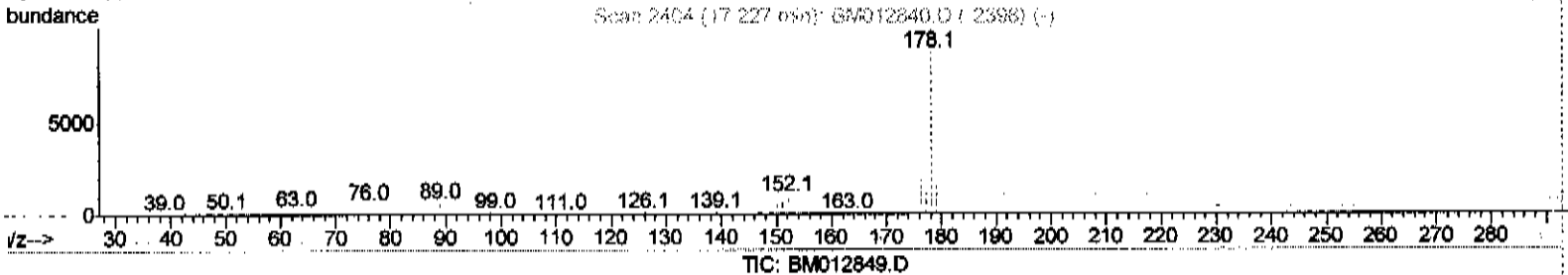
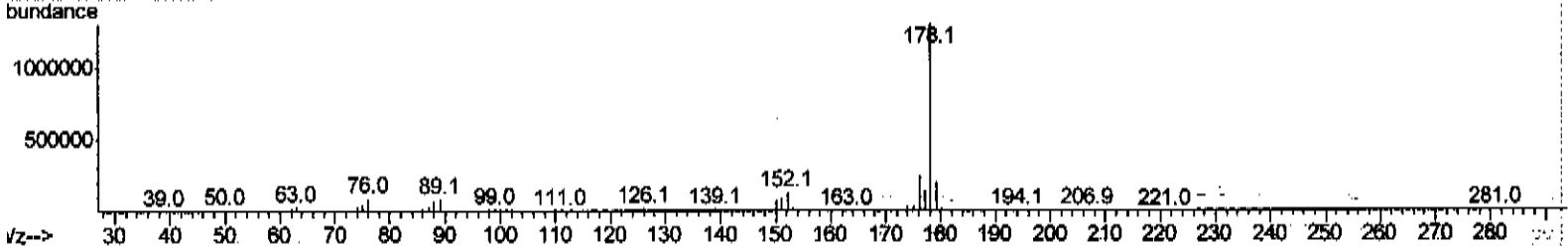
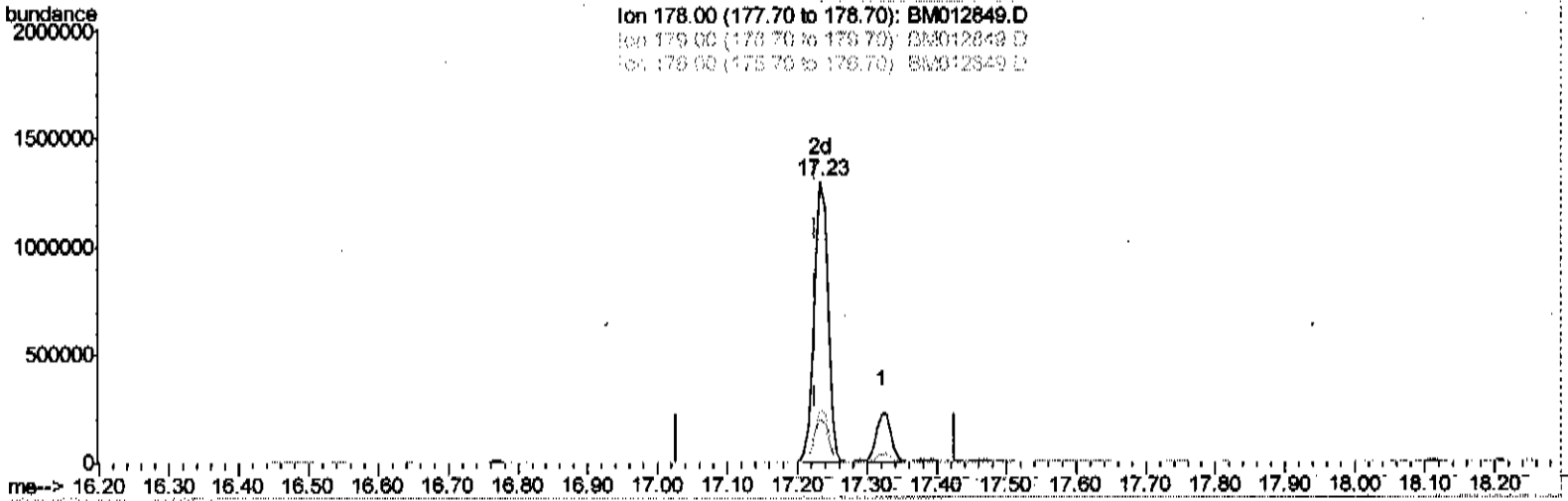
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110817\
 Data File : BM012849.D
 Acq On : 09 Nov 2017 12:05
 Operator : SJ/JU
 Sample : I6096-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-76(0-1)-102317

Manual Integrations
 APPROVED

Sohil
 11/9/2017 3:49:21 PM

Quant Time: Nov 09 13:55:55 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 05:48:58 2017
 Response via : Initial Calibration



(69) Phenanthrene

17.233min (+0.006) 65.78ng/ul m SJ 11/13/17

response 1771778

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	15.45
176.00	19.50	18.59
0.00	0.00	0.00

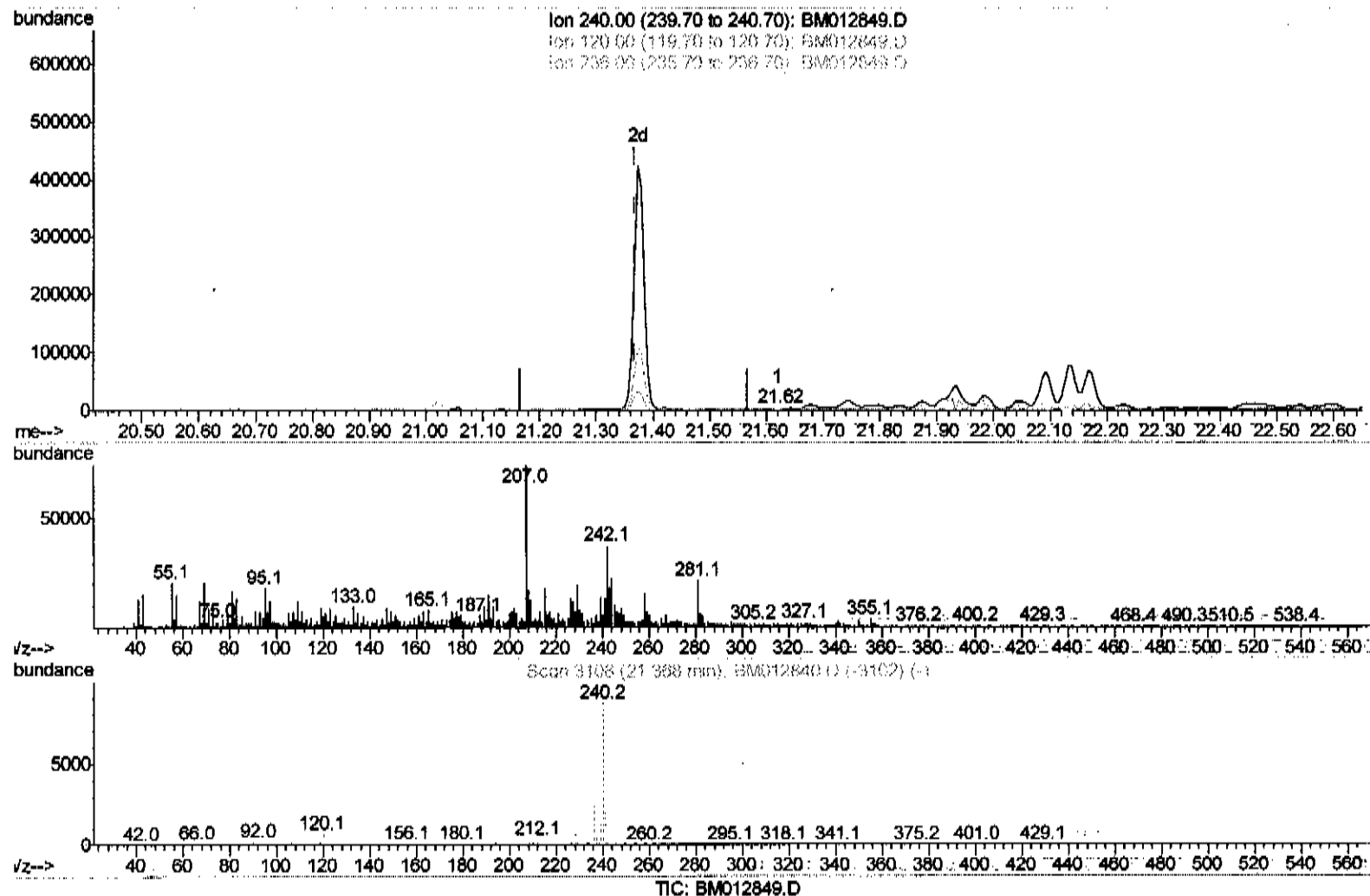
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 Data File : BM012849.D
 Acq On : 09 Nov 2017 12:05
 Operator : SJ/JU
 Sample : I6096-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-76(0-1)-102317

Manual Integrations
 APPROVED

Sohil
 11/9/2017 3:49:21 PM

Quant Time: Nov 09 13:55:55 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 05:48:58 2017
 Response via : Initial Calibration

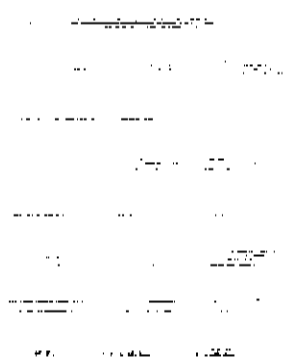


(77) Chrysene-d12 (I)

21.621min (+0.253) 20.00ng/ul

response 5503

Ion	Exp%	Act%
240.00	100	100
120.00	11.40	95.90#
236.00	26.30	38.76#
0.00	0.00	0.00



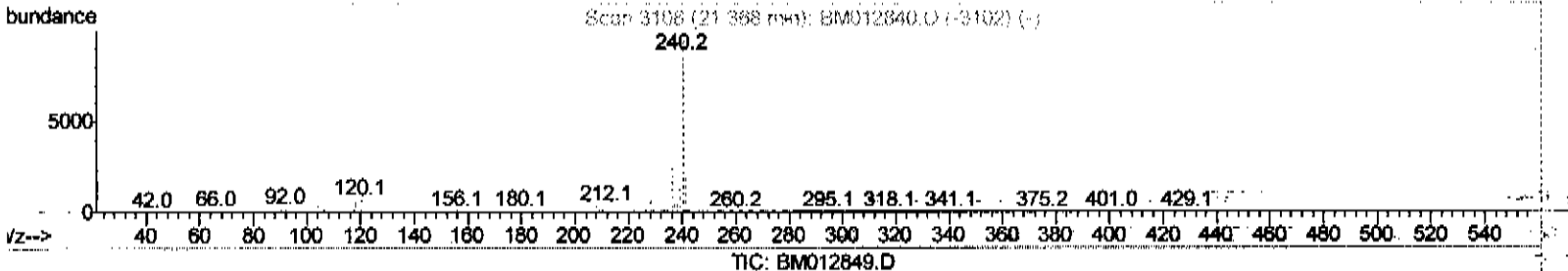
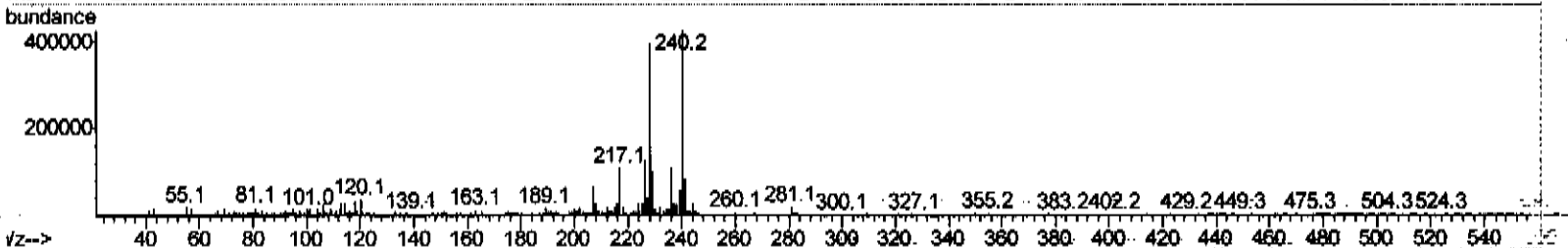
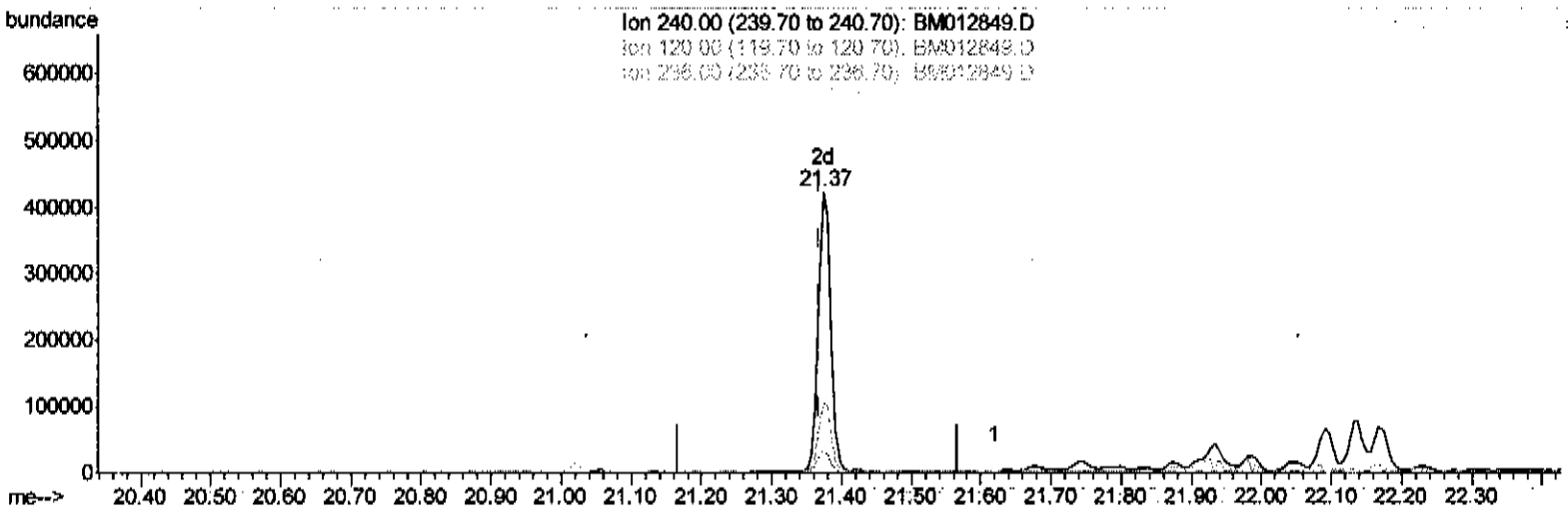
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110817\
 Data File : BM012849.D
 Acq On : 09 Nov 2017 12:05
 Operator : SJ/JU
 Sample : I6096-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 B-76(0-1)-102317

Manual Integrations
 APPROVED

Sohil
 11/9/2017 3:49:21 PM

Quant Time: Nov 09 13:55:55 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 05:48:58 2017
 Response via : Initial Calibration



(77) Chrysene-d12 (I)

21.374min (+0.006) 20.00ng/ul m

SJ 11/13/17

response 532128

Ion	Exp%	Act%
240.00	100	100
120.00	11.40	8.38#
236.00	26.30	25.33
0.00	0.00	0.00

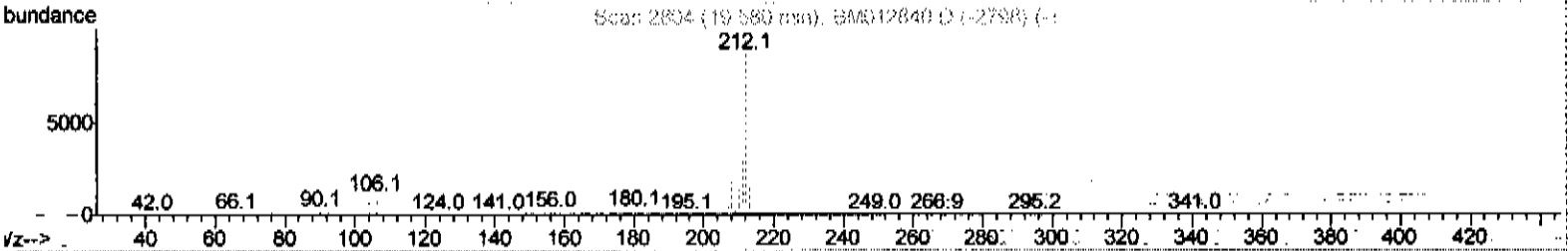
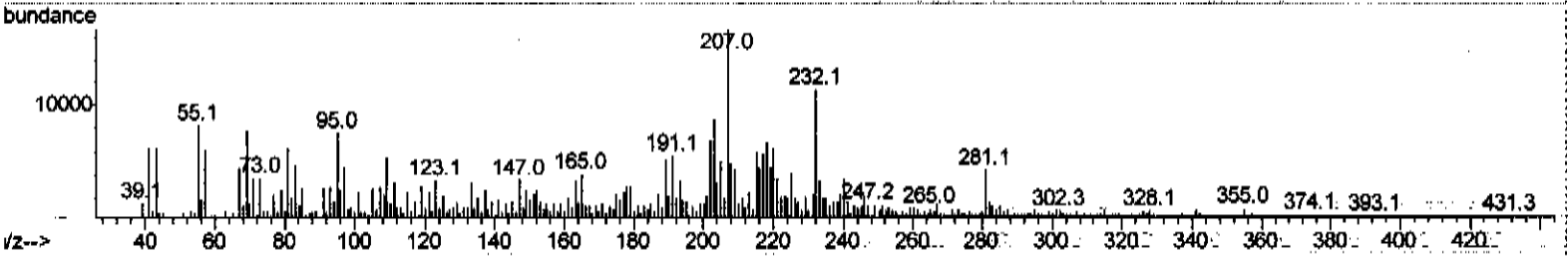
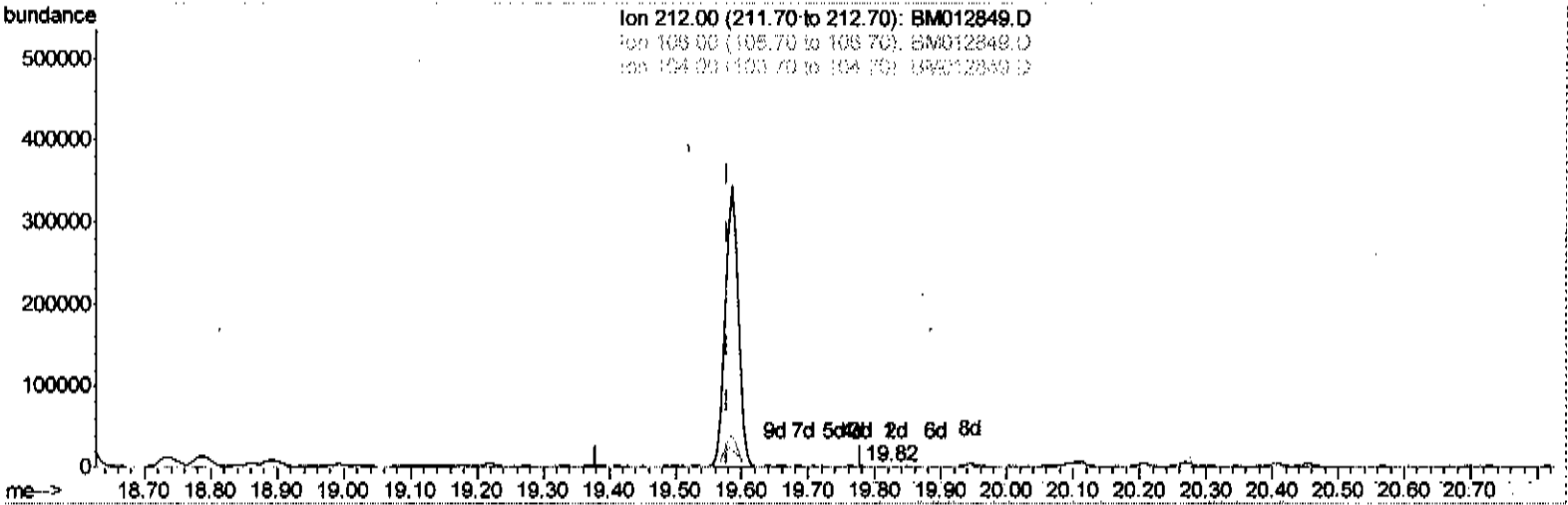
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 Data File : BM012849.D
 Acq On : 09 Nov 2017 12:05
 Operator : SJ/JU
 Sample : I6096-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-76(0-1)-102317

Manual Integrations
 APPROVED

Sohil
 11/9/2017 3:49:21 PM

Quant Time: Nov 09 13:55:55 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 05:48:58 2017
 Response via : Initial Calibration



TIC: BM012849.D

(78) Pyrene-d10 (S)

19.821min (+0.241) 0.01ng/ul

response 161

Ion	Exp%	Act%
212.00	100	100
106.00	14.70	88.86#
104.00	9.70	46.92#
0.00	0.00	0.00

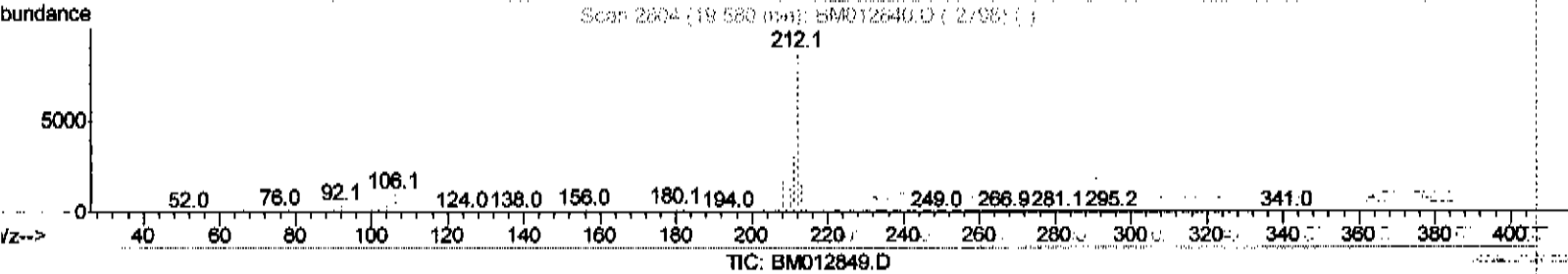
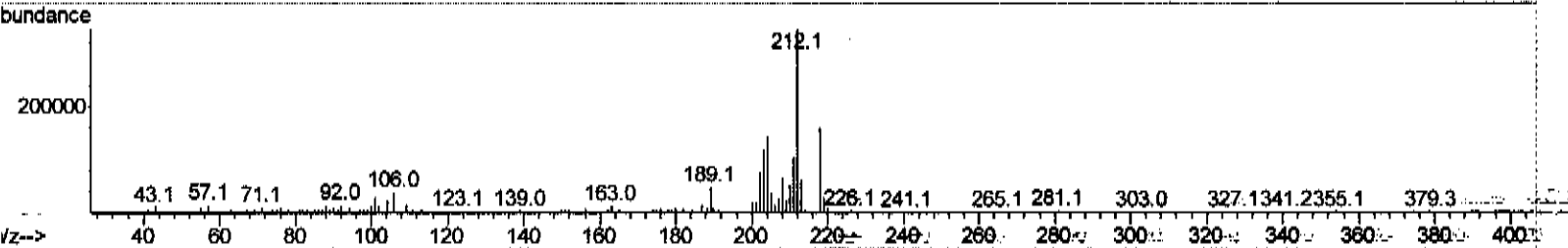
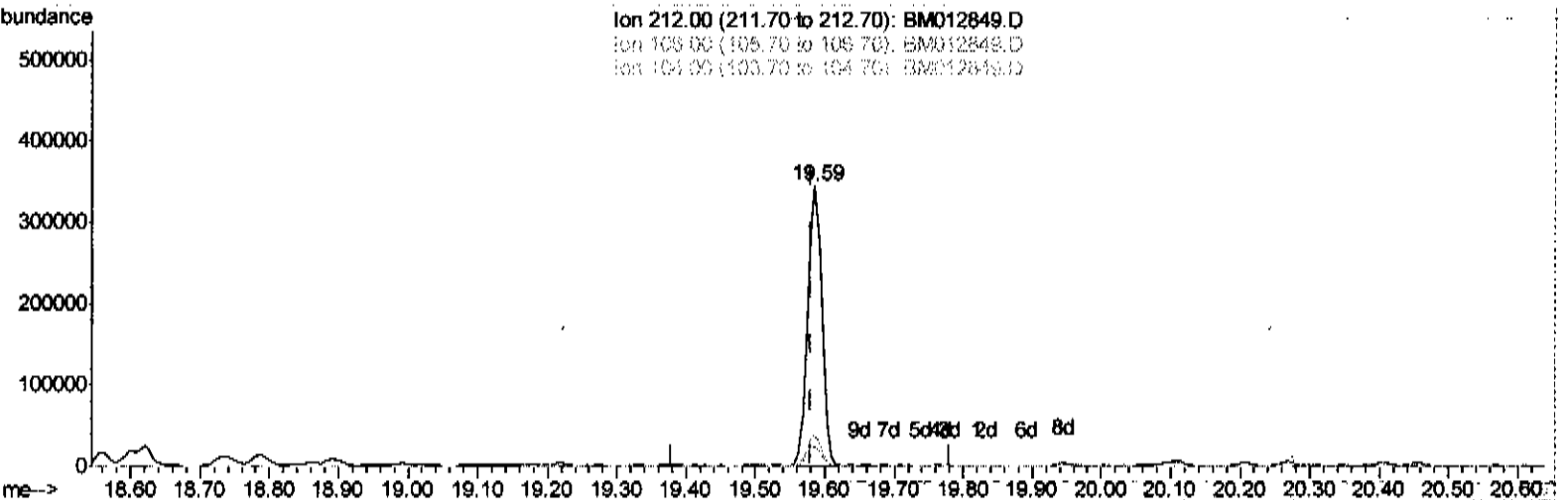
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110817\
 Data File : BM012849.D
 Acq On : 09 Nov 2017 12:05
 Operator : SJ/JU
 Sample : I6096-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 B-76(0-1)-102317

Manual Integrations
 APPROVED

Sohil
 11/9/2017 3:49:21 PM

Quant Time: Nov 09 13:55:55 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 05:48:58 2017
 Response via : Initial Calibration



(78) Pyrene-d10 (S)

19.588min (+0.006) 19.71ng/ul m

SJ 11/13/17

response 486562

Ion	Exp%	Act%
212.00	100	100
106.00	14.70	11.15#
104.00	9.70	6.85#
0.00	0.00	0.00

Quantitation Report (Qedit)

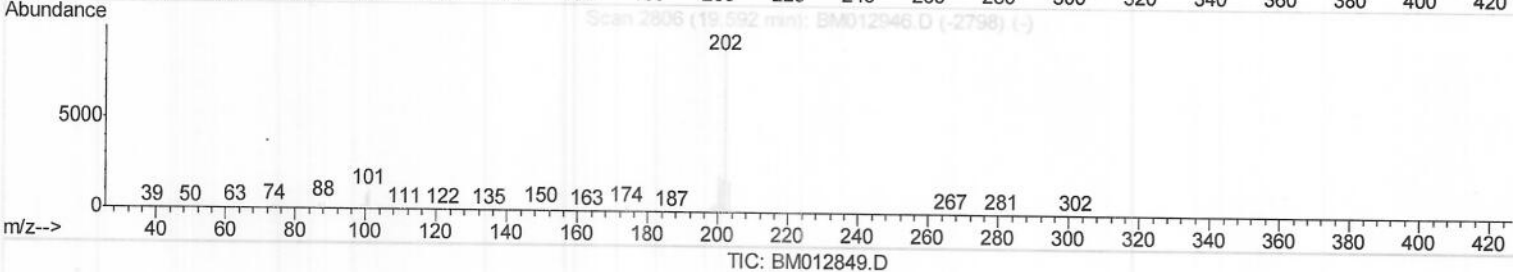
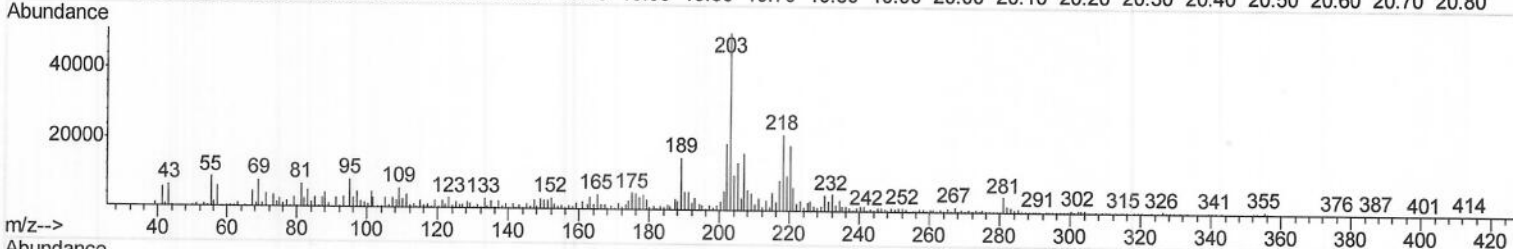
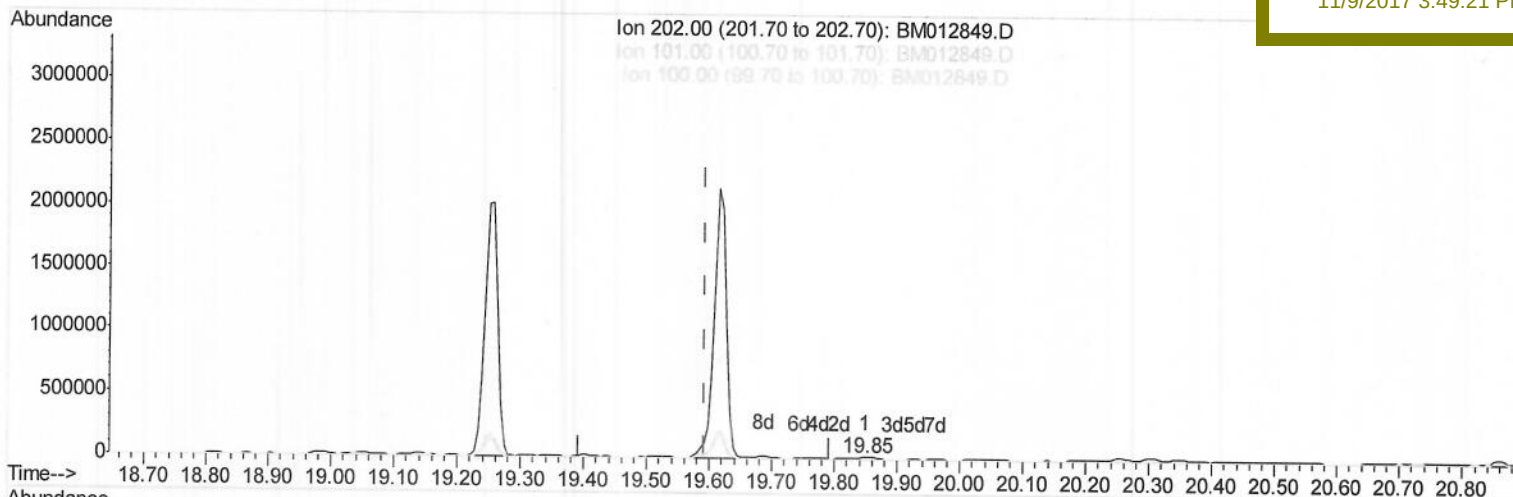
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 Data File : BM012849.D
 Acq On : 09 Nov 2017 12:05
 Operator : SJ/JU
 Sample : I6096-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-76(0-1)-102317

Quant Time: Jun 27 07:29:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 14 04:22:37 2017
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Sohil
 11/9/2017 3:49:21 PM



(79) Pyrene

19.851min (+0.259) 82.77ng/ul

response 27176

Ion	Exp%	Act%
202.00	100	100
101.00	12.70	39.31#
100.00	10.60	7.68#
0.00	0.00	0.00

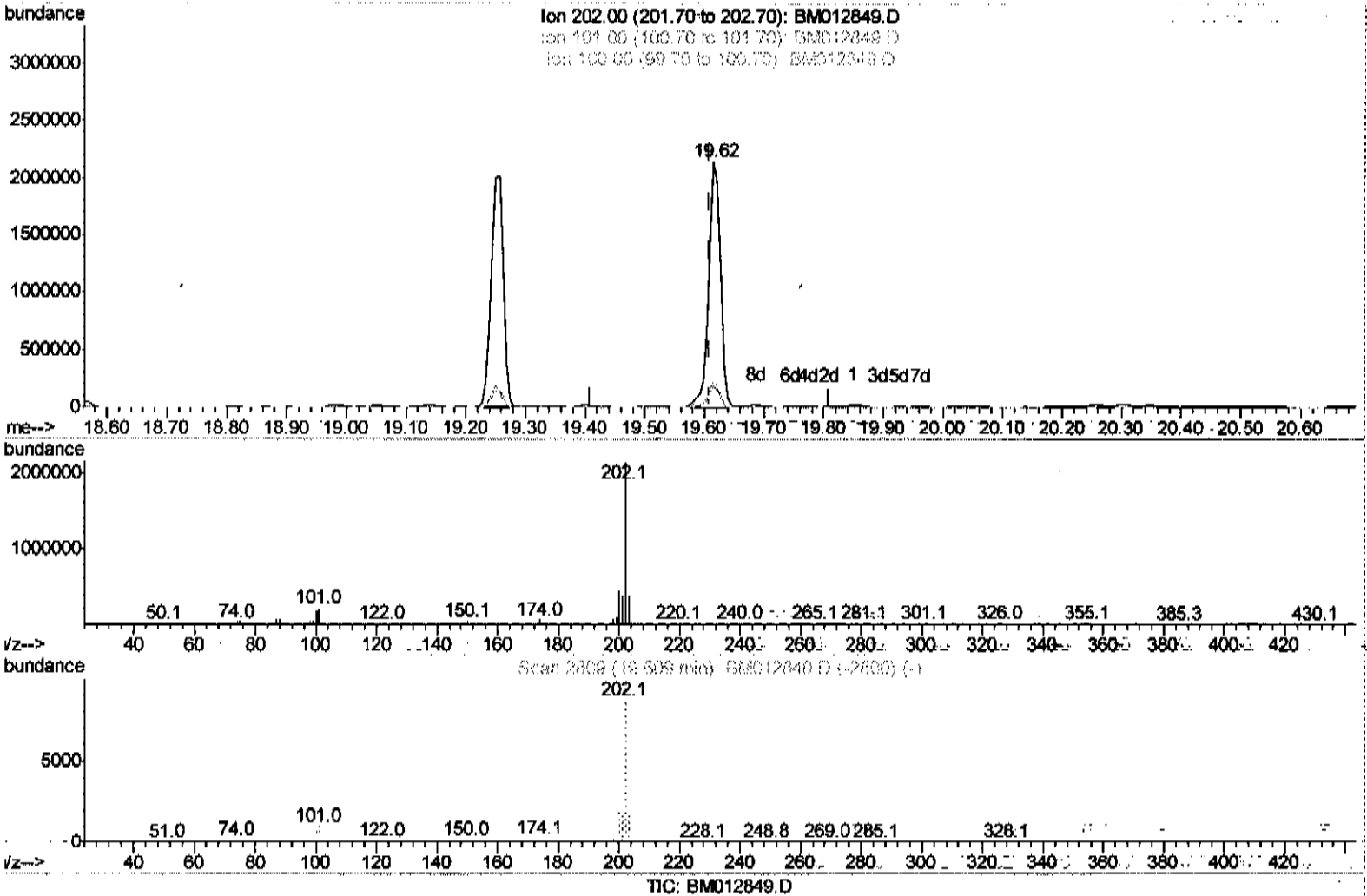
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110817\
 Data File : BM012849.D
 Acq On : 09 Nov 2017 12:05
 Operator : SJ/JU
 Sample : I6096-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-76(0-1)-102317

Manual Integrations
 APPROVED

Sohil
 11/9/2017 3:49:21 PM

Quant Time: Nov 09 13:55:55 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 05:48:58 2017
 Response via : Initial Calibration



(79) Pyrene

19.615min (+0.006) 92.73ng/ul m

SJ 11/13/17

response 2944111

Ion	Exp%	Act%
202.00	100	100
101.00	12.70	9.89#
100.00	10.60	8.43#
0.00	0.00	0.00

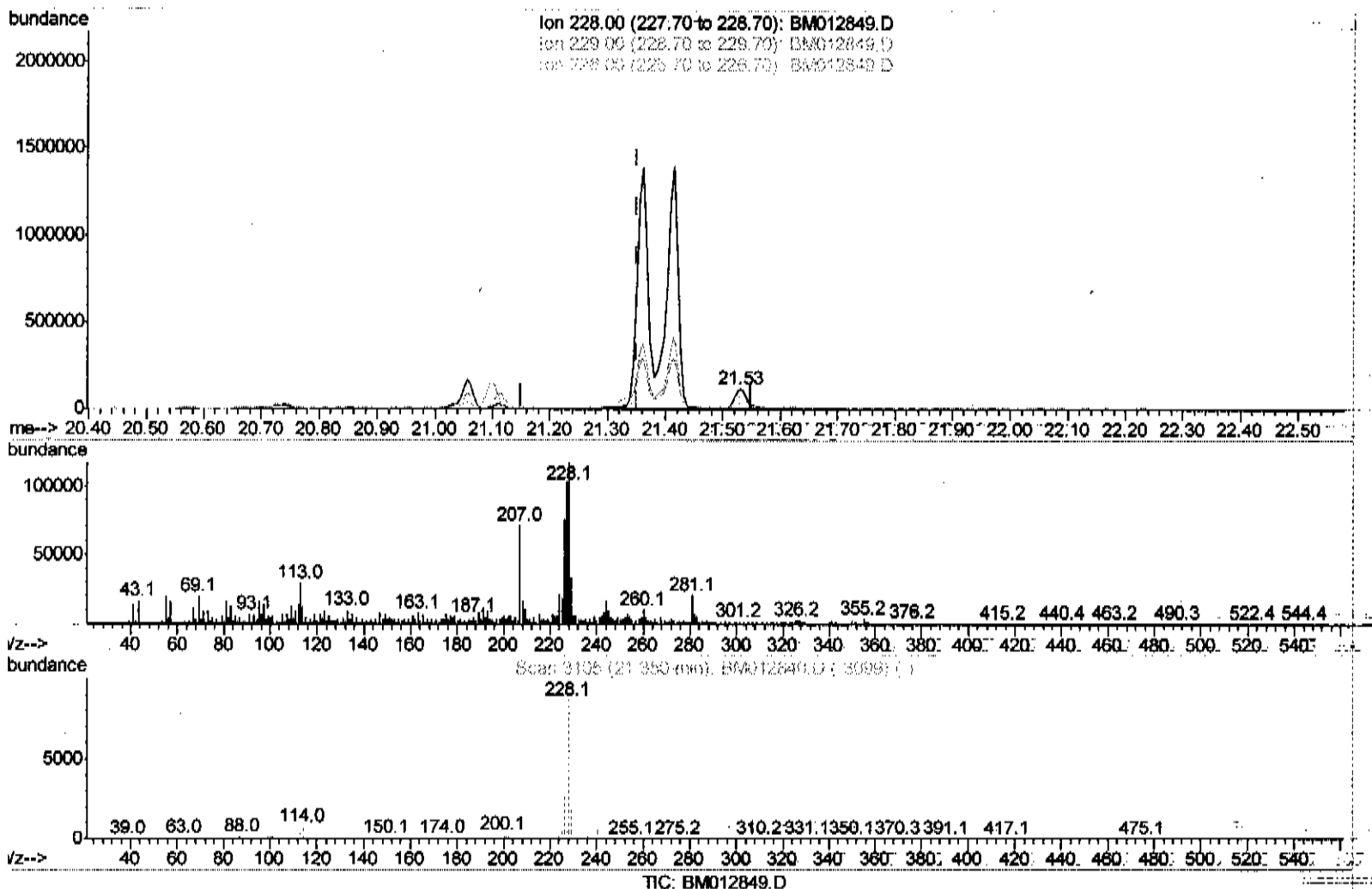
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 Data File : BM012849.D
 Acq On : 09 Nov 2017 12:05
 Operator : SJ/JU
 Sample : I6096-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-76(0-1)-102317

Manual Integrations
 APPROVED

Sohil
 11/9/2017 3:49:21 PM

Quant Time: Nov 09 13:55:55 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 05:48:58 2017
 Response via : Initial Calibration



(82) Benzo(a)anthracene

21.527min (+0.177) 5.00ng/ul

response 161131

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	28.72#
226.00	27.20	64.81#
0.00	0.00	0.00

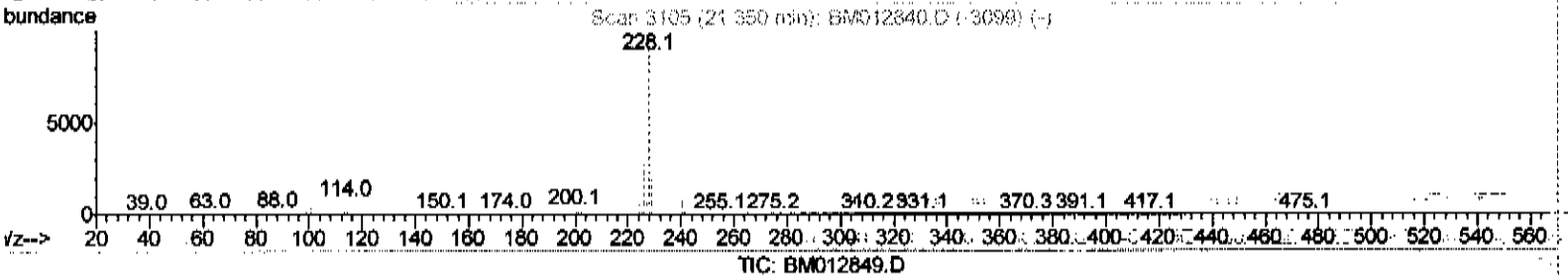
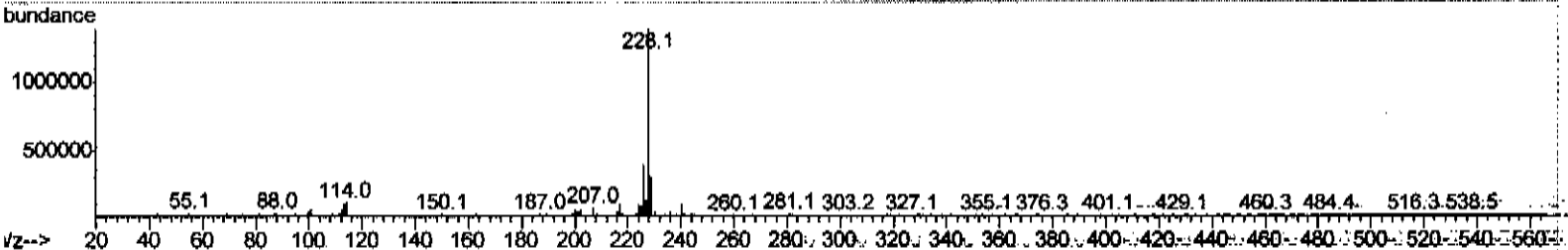
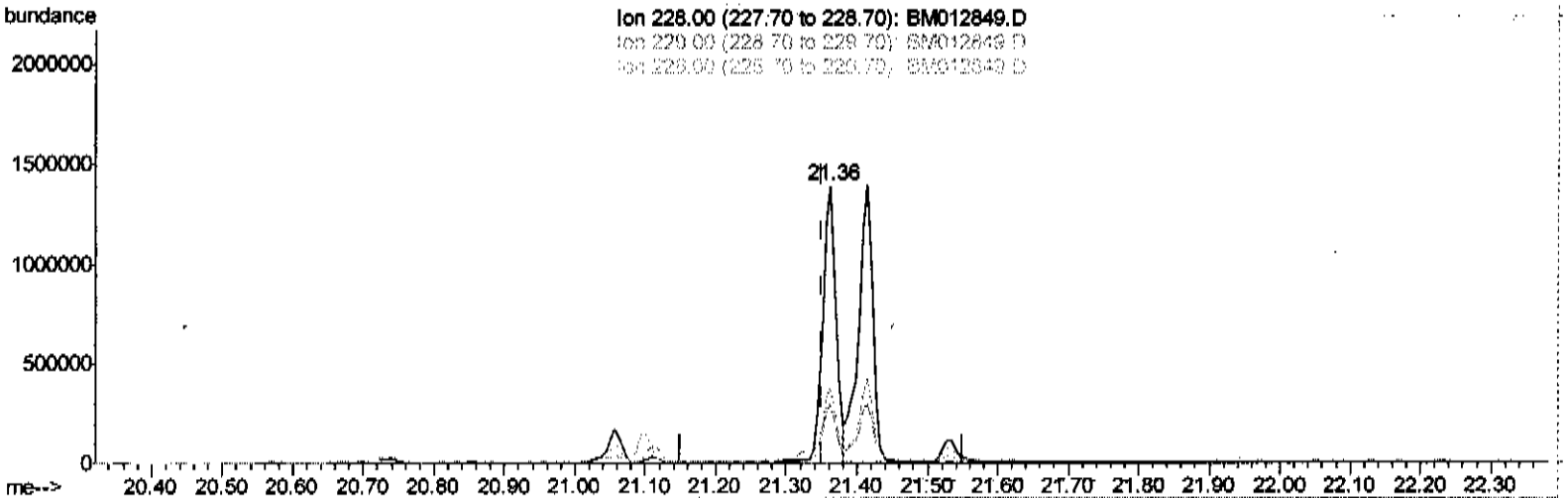
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 Data File : BM012849.D
 Acq On : 09 Nov 2017 12:05
 Operator : SJ/JU
 Sample : I6096-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 B-76(0-1)-102317

Manual Integrations
 APPROVED

Sohil
 11/9/2017 3:49:21 PM

Quant Time: Nov 09 13:55:55 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 05:48:58 2017
 Response via : Initial Calibration



(82) Benzo(a)anthracene

21.362min (+0.012) 56.85ng/ul m

SJ 11/13/17

response 1830690

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	21.24
226.00	27.20	27.39
0.00	0.00	0.00



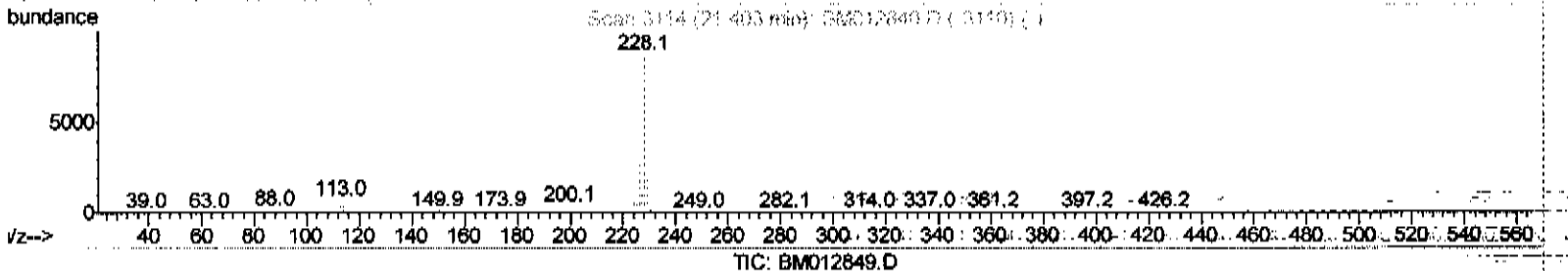
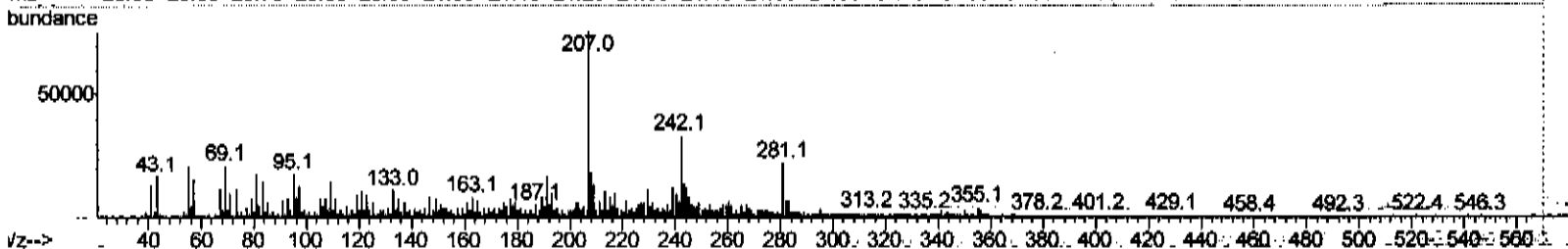
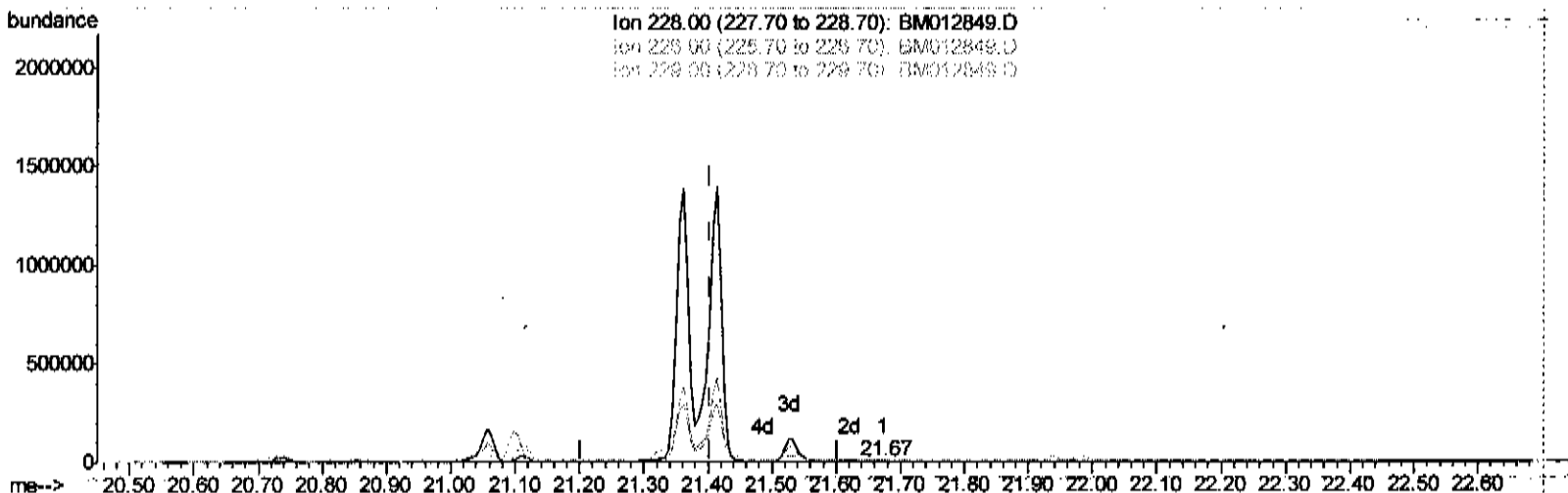
Data Path : \\4.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110817\
 Data File : BM012849.D
 Acq On : 09 Nov 2017 12:05
 Operator : SJ/JU
 Sample : I6096-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-76(0-1)-102317

Manual Integrations
 APPROVED

Sohil
 11/9/2017 3:49:21 PM

Quant Time: Nov 09 14:10:05 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 05:48:58 2017
 Response via : Initial Calibration



(84) Chrysene

21.674min (+0.271) 0.07ng/ul

response 1992

Ion Exp% Act%

228.00 100 100

226.00 30.00 88.33#

229.00 19.50 182.57#

0.00 0.00 0.00

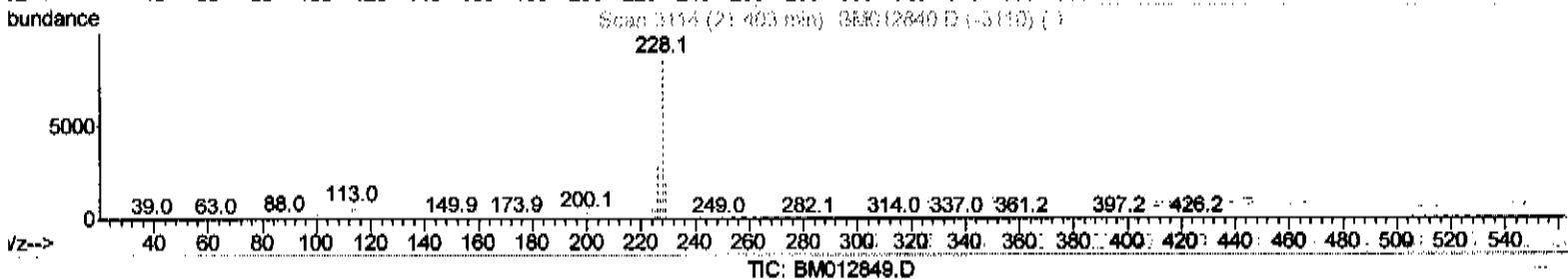
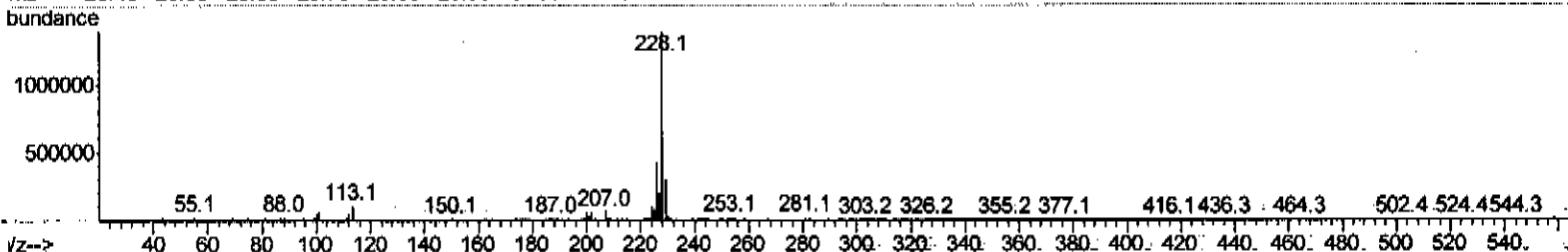
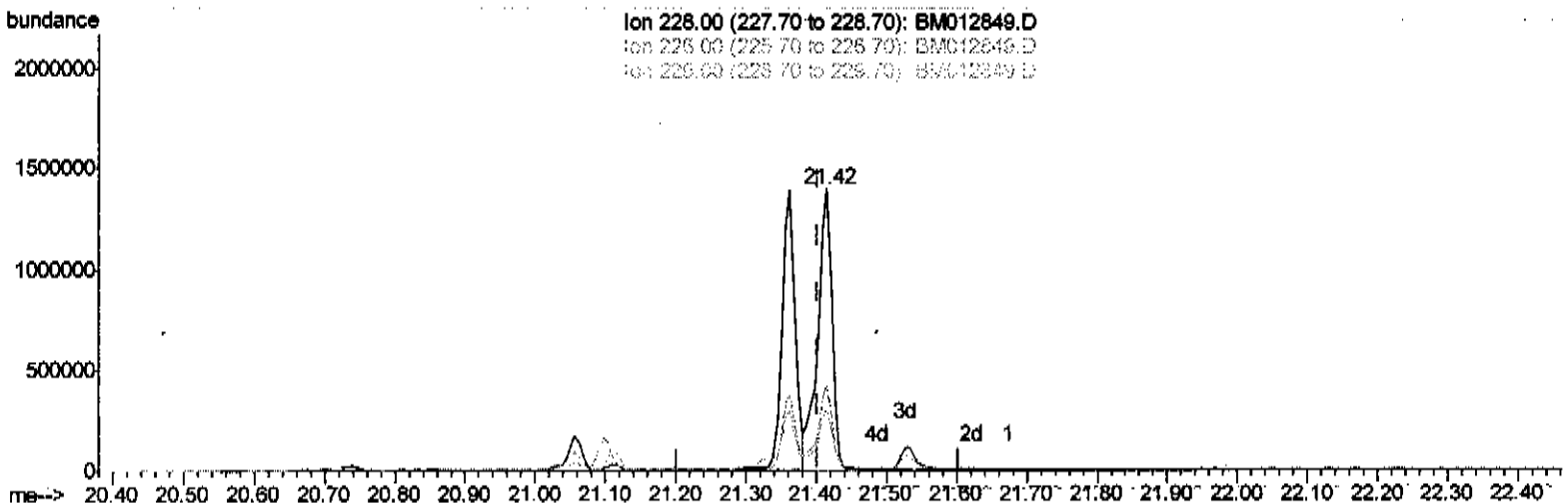
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 Data File : BM012849.D
 Acq On : 09 Nov 2017 12:05
 Operator : SJ/JU
 Sample : I6096-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-76(0-1)-102317

Manual Integrations
 APPROVED

Sohil
 11/9/2017 3:49:21 PM

Quant Time: Nov 09 14:10:05 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 05:48:58 2017
 Response via : Initial Calibration



(84) Chrysene

21.415min (+0.012) 68.02ng/ul m

SJ 11/13/17

response 1984970

Ion	Exp%	Act%
228.00	100	100
226.00	30.00	30.61
229.00	19.50	21.45
0.00	0.00	0.00

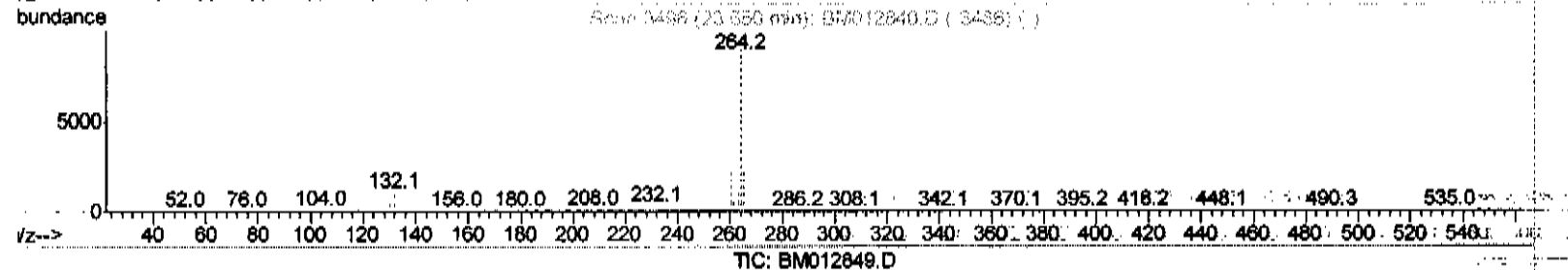
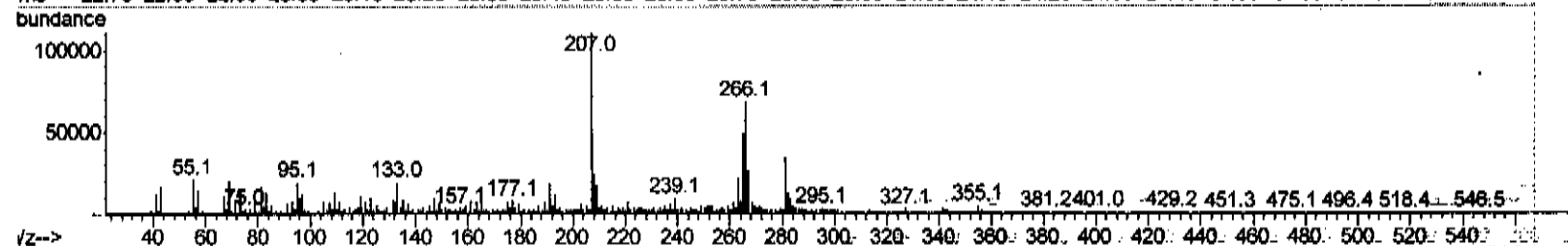
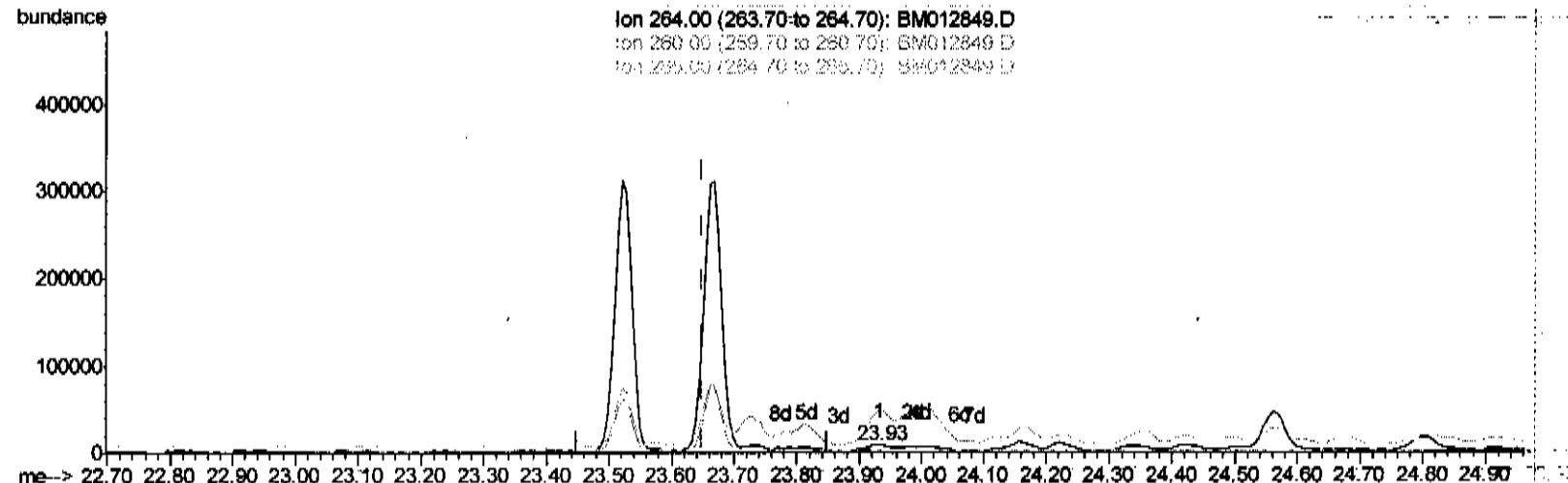
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110817\
 Data File : BM012849.D
 Acq On : 09 Nov 2017 12:05
 Operator : SJ/JU
 Sample : I6096-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-76(0-1)-102317

Manual Integrations
 APPROVED

Sohil
 11/9/2017 3:49:21 PM

Quant Time: Nov 09 14:10:05 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 05:48:58 2017
 Response via : Initial Calibration



(85) Perylene-d12 (I)

23.933min (+0.282) 20.00ng/ul

response 17276

Ion	Exp%	Act%
264.00	100	100
260.00	24.20	32.41#
265.00	21.10	590.94#
0.00	0.00	0.00



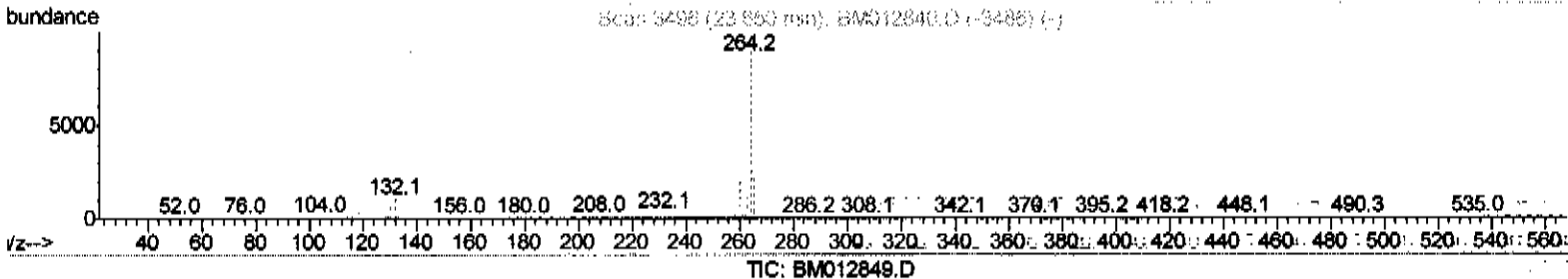
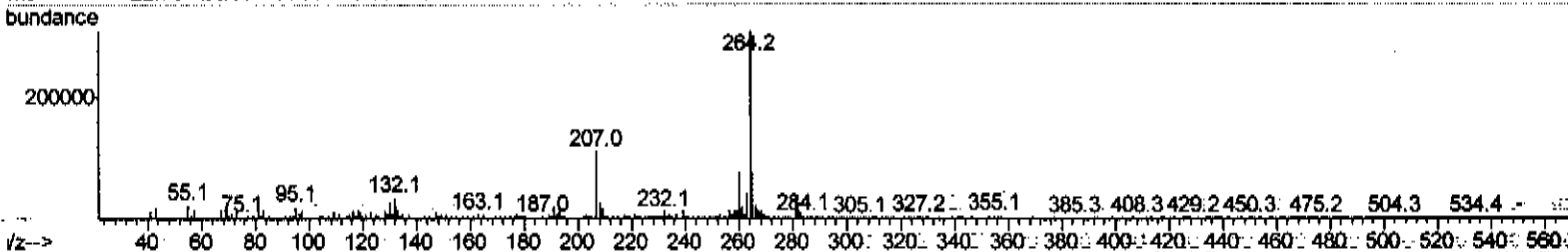
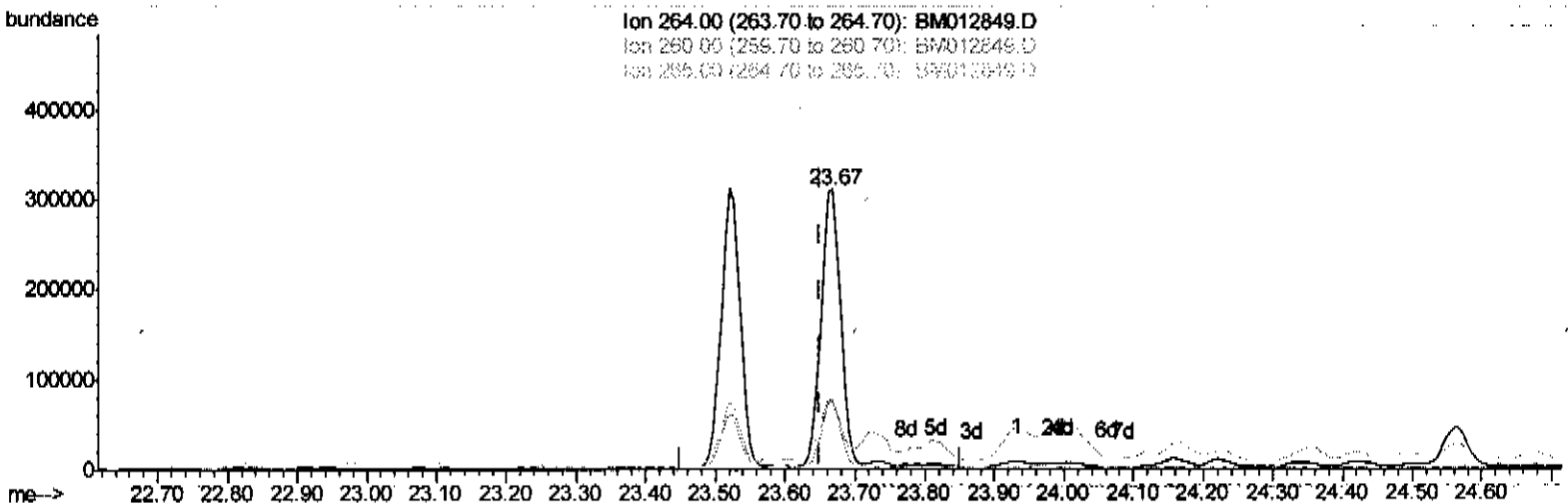
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110817\
 Data File : BM012849.D
 Acq On : 09 Nov 2017 12:05
 Operator : SJ/JU
 Sample : I6096-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-76(0-1)-102317

Manual Integrations
 APPROVED

Sohil
 11/9/2017 3:49:21 PM

Quant Time: Nov 09 14:10:05 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 05:48:58 2017
 Response via : Initial Calibration



(85) Perylene-d12 (I)

23.668min (+0.018) 20.00ng/ul m

SJ 11/13/17

response 619285

Ion	Exp%	Act%
264.00	100	100
260.00	24.20	24.63
265.00	21.10	25.01
0.00	0.00	0.00

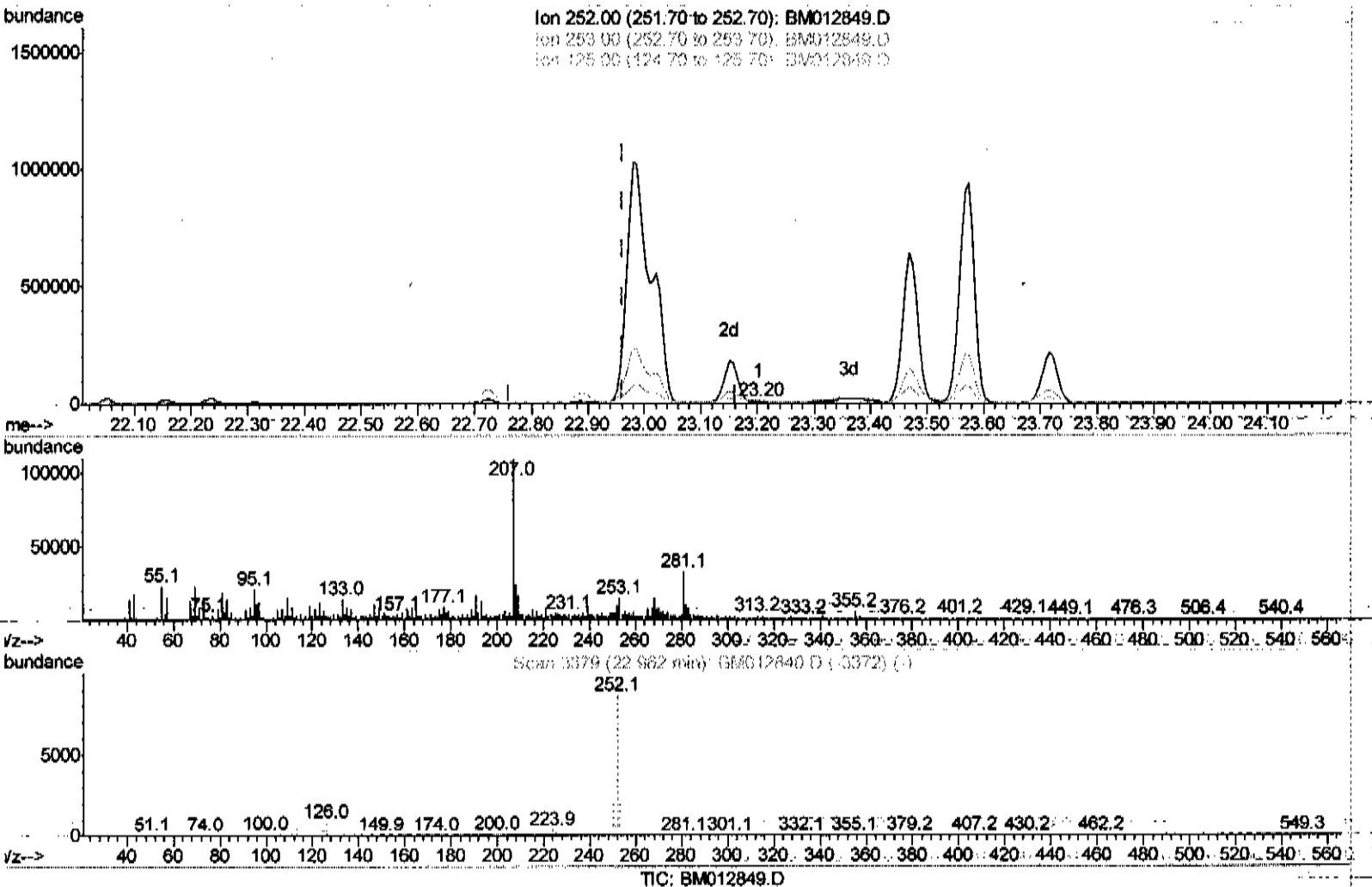
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110817\
 Data File : BM012849.D
 Acq On : 09 Nov 2017 12:05
 Operator : SJ/JU
 Sample : I6096-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-76(0-1)-102317

Manual Integrations
 APPROVED

Sohil
 11/9/2017 3:49:21 PM

Quant Time: Nov 09 14:11:56 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 05:48:58 2017
 Response via : Initial Calibration



(87) Benzo(b)fluoranthene

23.203min (+0.241) 0.16ng/ul

response 6113

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	151.89#
125.00	10.60	63.32#
0.00	0.00	0.00

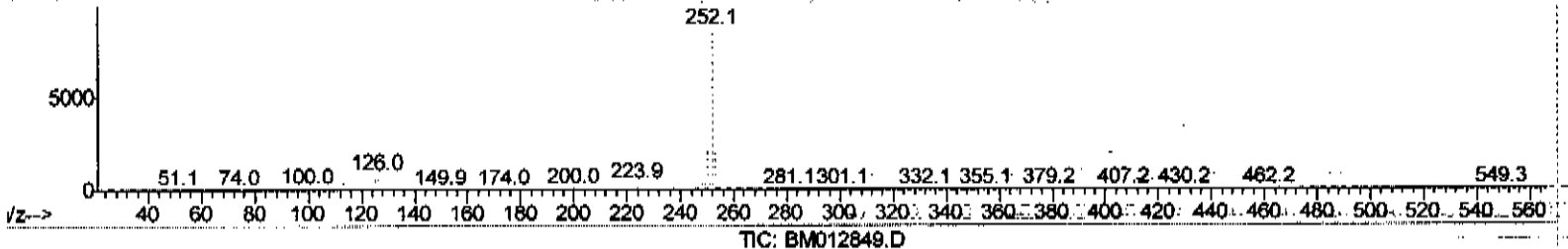
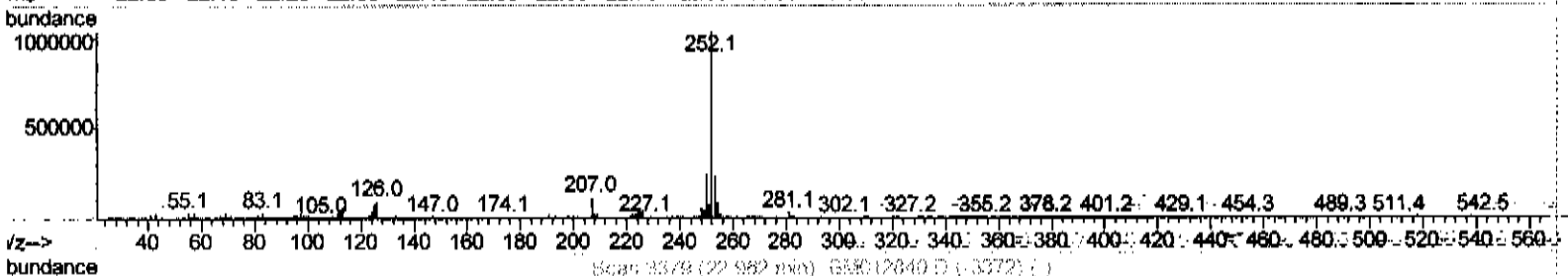
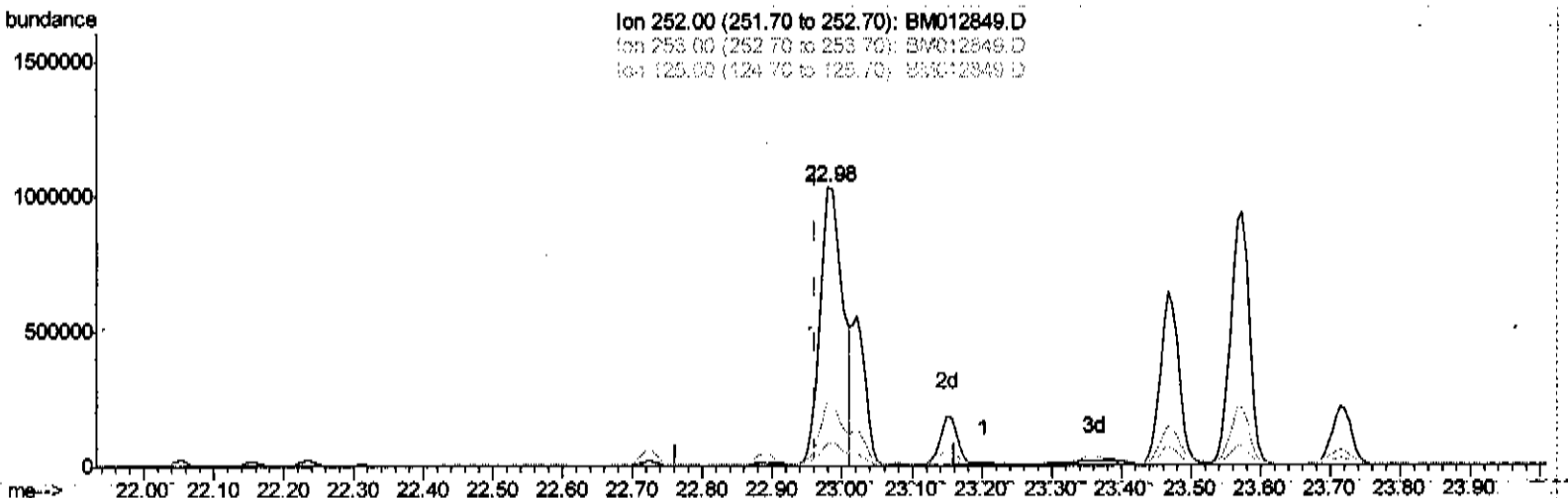
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110817\
 Data File : BM012849.D
 Acq On : 09 Nov 2017 12:05
 Operator : SJ/JU
 Sample : I6096-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 B-76(0-1)-102317

Manual Integrations
 APPROVED

Sohil
 11/9/2017 3:49:21 PM

Quant Time: Nov 09 14:11:56 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 05:48:58 2017
 Response via : Initial Calibration



(87) Benzo(b)fluoranthene

22.980min (+0.018) 61.87ng/ul m

4/4/13/17

response 2341415

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	22.79
125.00	10.60	7.77#
0.00	0.00	0.00

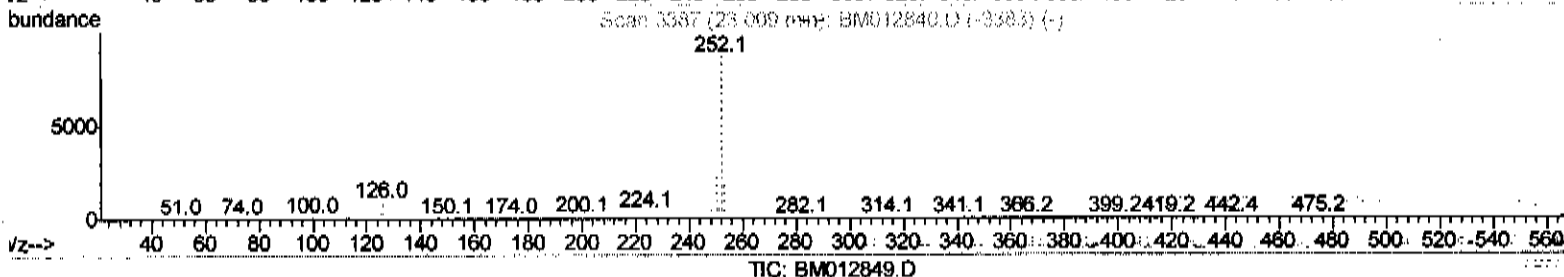
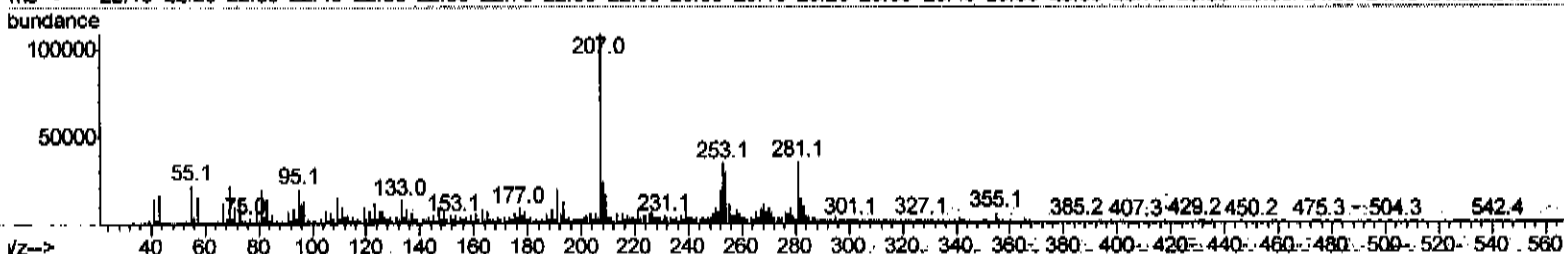
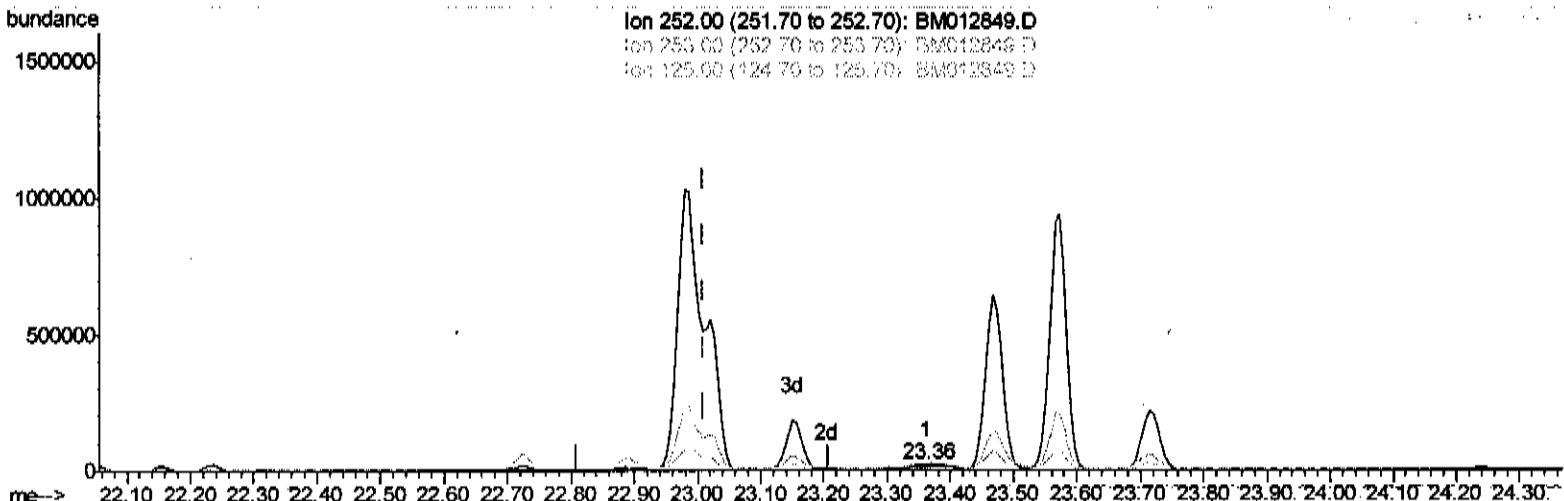
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110817\
 Data File : BM012849.D
 Acq On : 09 Nov 2017 12:05
 Operator : SJ/JU
 Sample : I6096-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-76(0-1)-102317

Manual Integrations
 APPROVED

Sohil
 11/9/2017 3:49:21 PM

Quant Time: Nov 09 14:11:56 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 05:48:58 2017
 Response via : Initial Calibration



TIC: BM012849.D

(88) Benzo(k)fluoranthene

23.362min (+0.353) 0.79ng/ul

response 28457

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	182.76#
125.00	10.20	42.27#
0.00	0.00	0.00

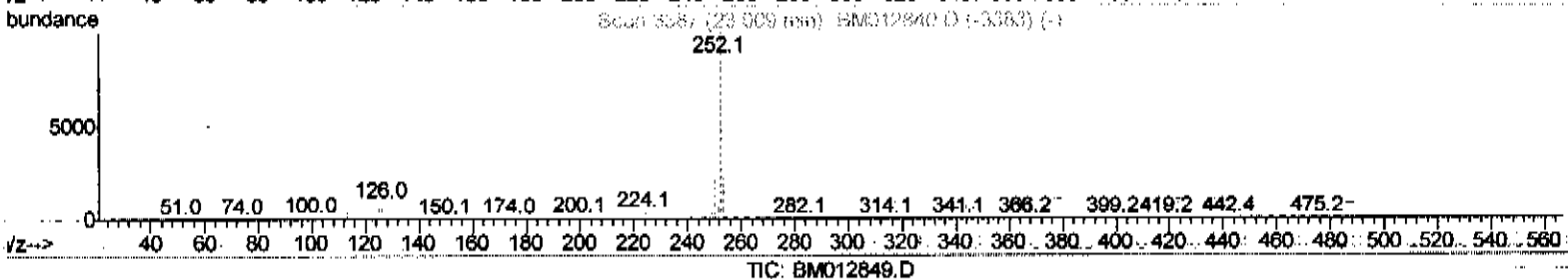
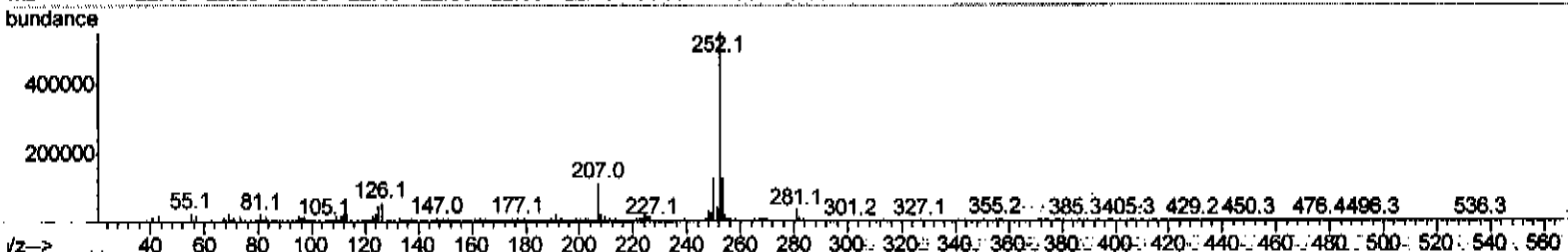
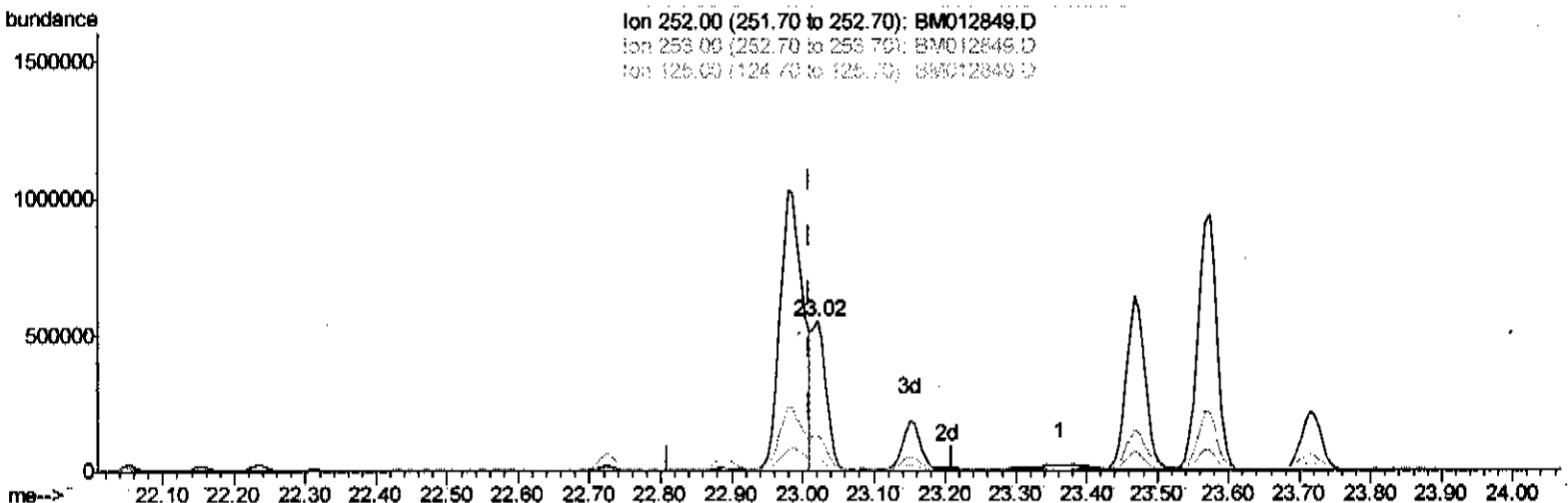
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110817\
 Data File : BM012849.D
 Acq On : 09 Nov 2017 12:05
 Operator : SJ/JU
 Sample : I6096-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 B-76(0-1)-102317

Manual Integrations
 APPROVED

Sohil
 11/9/2017 3:49:21 PM

Quant Time: Nov 09 14:11:56 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 05:48:58 2017
 Response via : Initial Calibration



(88) Benzo(k)fluoranthene

23.021min (+0.012) 20.99ng/ul m *SJ 11/13/17*

response 755207

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	23.57
125.00	10.20	8.17
0.00	0.00	0.00

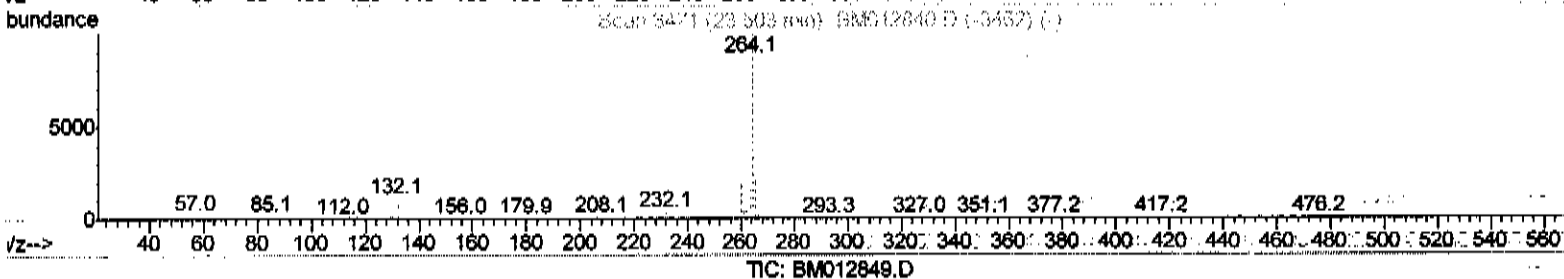
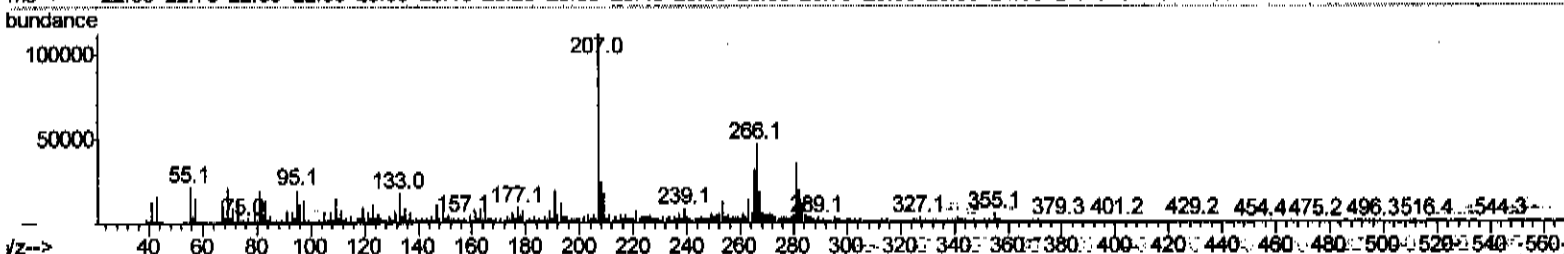
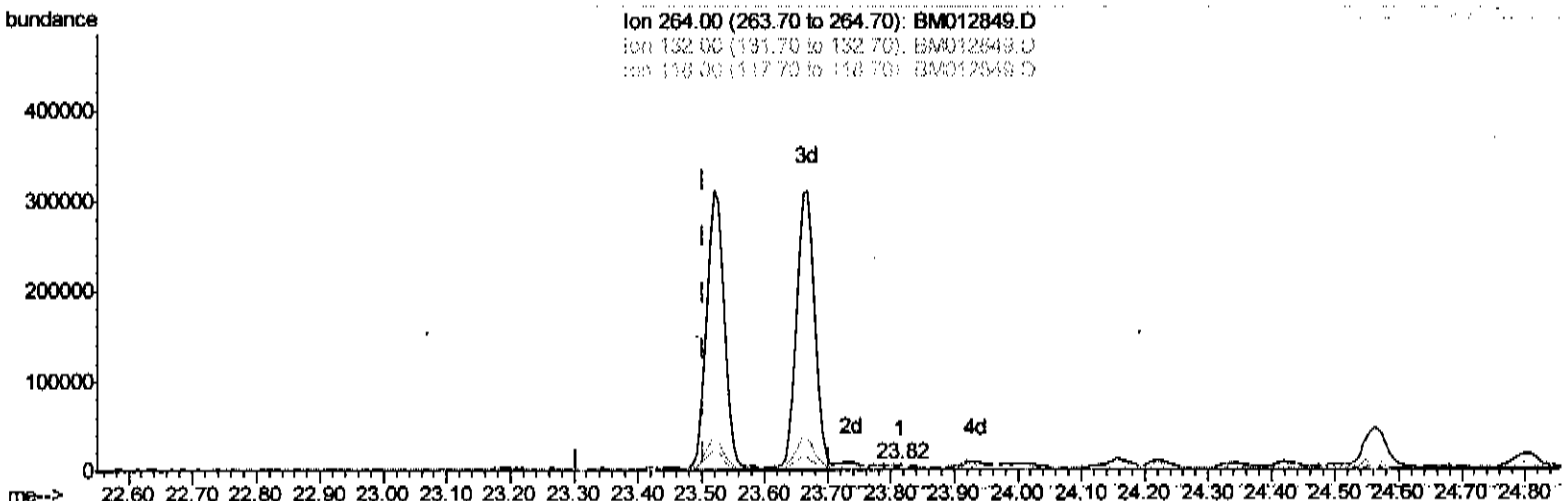
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110817\
 Data File : BM012849.D
 Acc On : 09 Nov 2017 12:05
 Operator : SJ/JU
 Sample : I6096-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-76(0-1)-102317

Manual Integrations
 APPROVED

Sohil
 11/9/2017 3:49:21 PM

Quant Time: Nov 09 14:11:56 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 05:48:58 2017
 Response via : Initial Calibration



TIC: BM012849.D

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

23.815min (+0.312) 0.27ng/ul

response 7871

Ion	Exp%	Act%
264.00	100	100
132.00	17.20	76.14#
118.00	10.50	54.39#
0.00	0.00	0.00



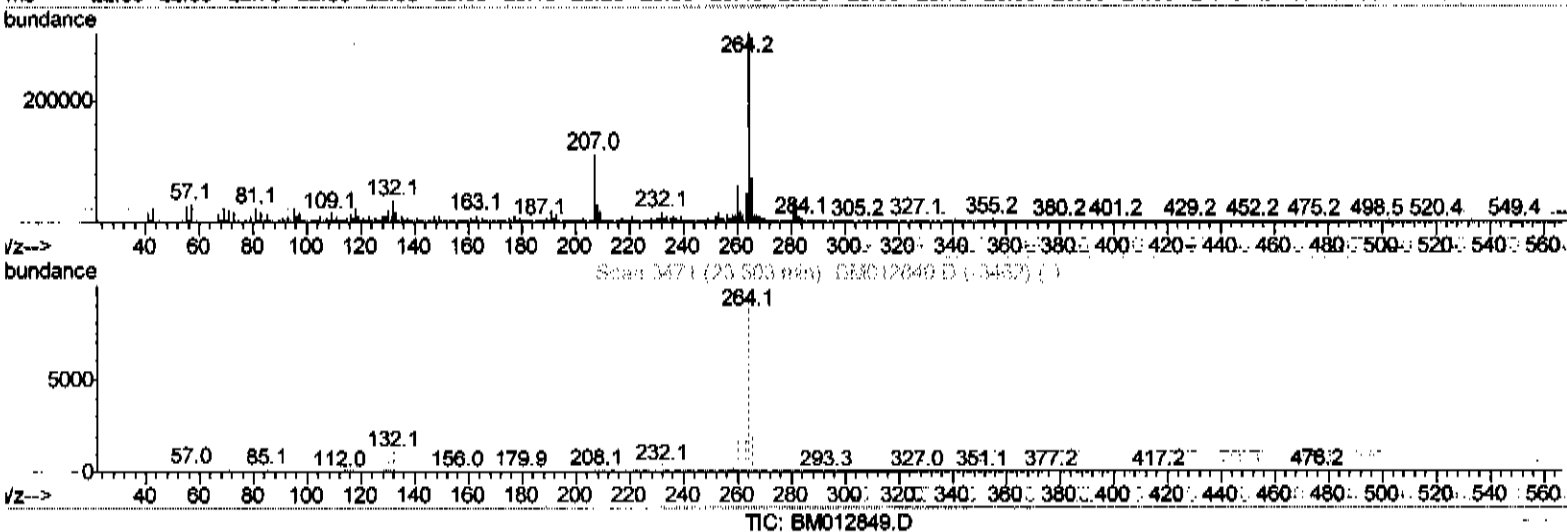
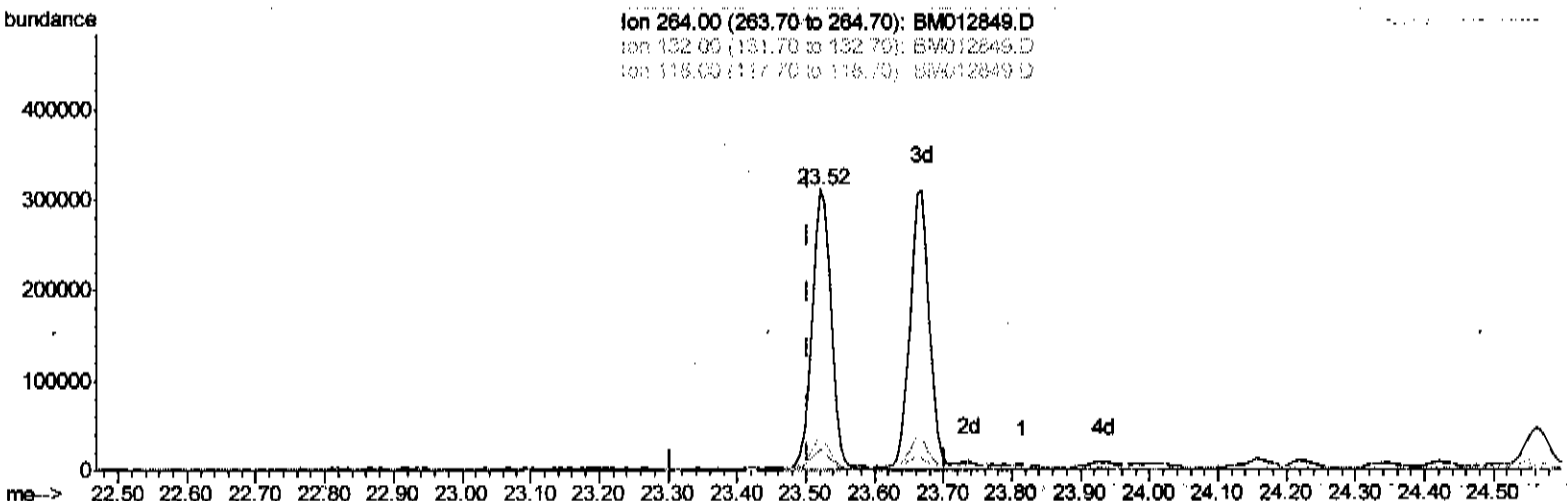
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110817\
 Data File : BM012849.D
 Acq On : 09 Nov 2017 12:05
 Operator : SJ/JU
 Sample : I6096-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-76(0-1)-102317

Manual Integrations
 APPROVED

Sohil
 11/9/2017 3:49:21 PM

Quant Time: Nov 09 14:11:56 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 05:48:58 2017
 Response via : Initial Calibration



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

23.521min (+0.018) 20.78ng/ul m

response 608477

Ion	Exp%	Act%
264.00	100	100
132.00	17.20	11.18#
118.00	10.50	7.33#
0.00	0.00	0.00

23.521min (+0.018) 20.78ng/ul m

response 608477

response 608477

response 608477

response 608477

response 608477

response 608477

response 608477

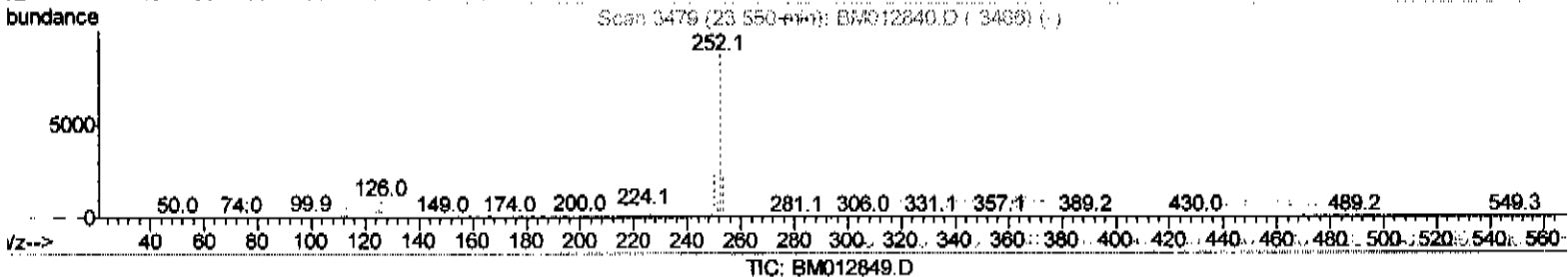
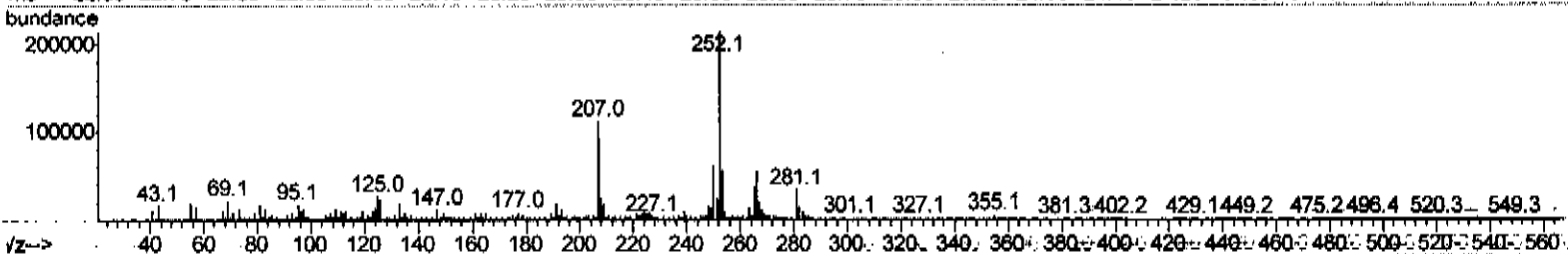
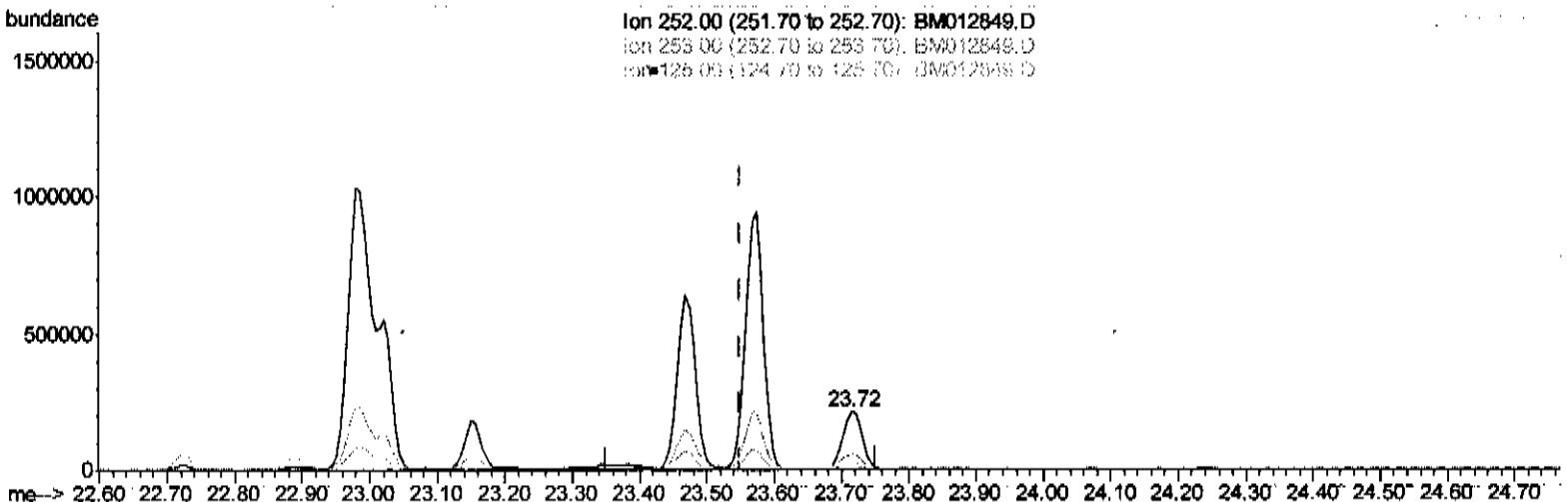
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110817\
 Data File : BM012849.D
 Acq On : 09 Nov 2017 12:05
 Operator : SJ/JU
 Sample : I6096-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 B-76(0-1)-102317

Manual Integrations
 APPROVED

Sohil
 11/9/2017 3:49:21 PM

Quant Time: Nov 09 14:11:56 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 05:48:58 2017
 Response via : Initial Calibration



(90) Benzo(a)pyrene (C)

23.715min (+0.165) 11.37ng/ul

response 409341

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	26.48%
125.00	11.30	12.25
0.00	0.00	0.00

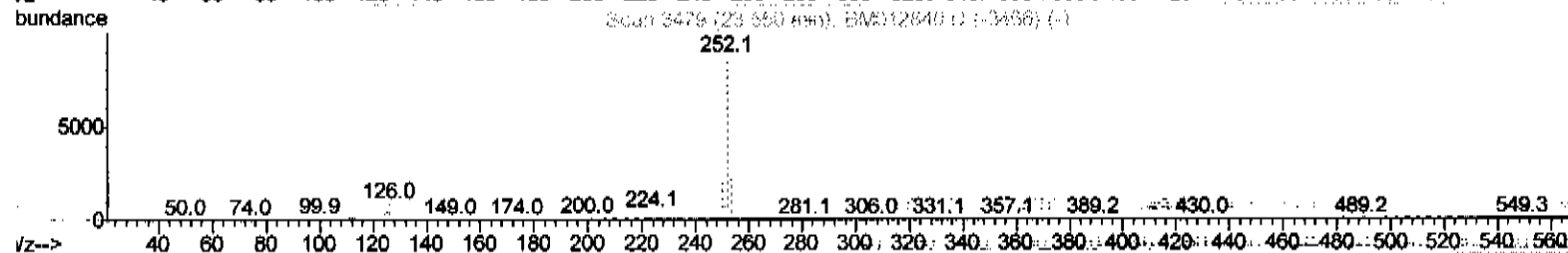
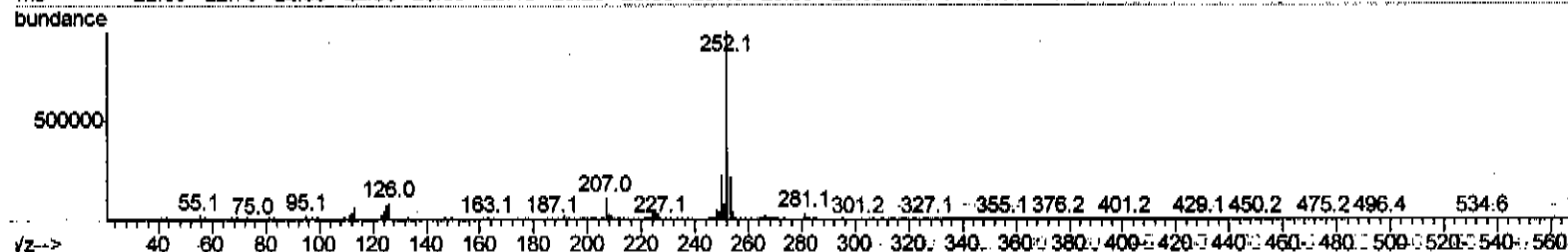
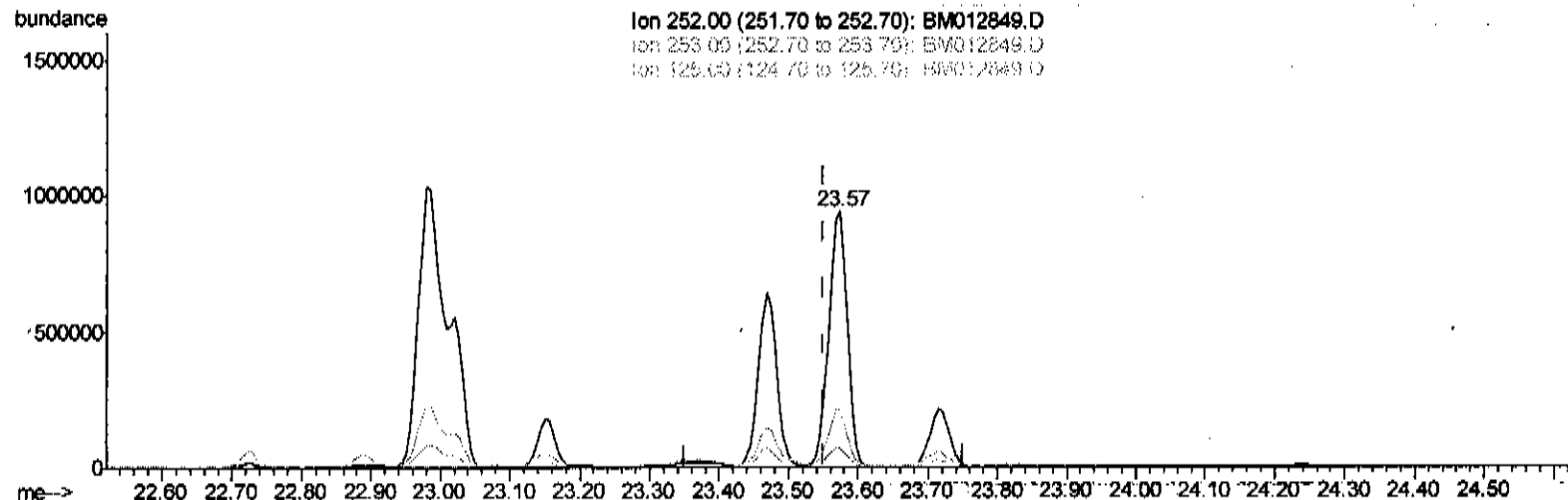
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110817\
 Data File : BM012849.D
 Acq On : 09 Nov 2017 12:05
 Operator : SJ/JU
 Sample : I6096-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-76(0-1)-102317

Manual Integrations
 APPROVED

Sohil
 11/9/2017 3:49:21 PM

Quant Time: Nov 09 14:11:56 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 05:48:58 2017
 Response via : Initial Calibration



TIC: BM012849.D

(90) Benzo(a)pyrene (C)

23.574min (+0.024) 49.09ng/ul m

response 1767889

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	22.68
125.00	11.30	7.74#
0.00	0.00	0.00

SJ 11/13/17

File: \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110817\BM012849.D

File: \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110817\BM012849.D

File: \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110817\BM012849.D

File: \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110817\BM012849.D

File: \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110817\BM012849.D

File: \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110817\BM012849.D

File: \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110817\BM012849.D

File: \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110817\BM012849.D

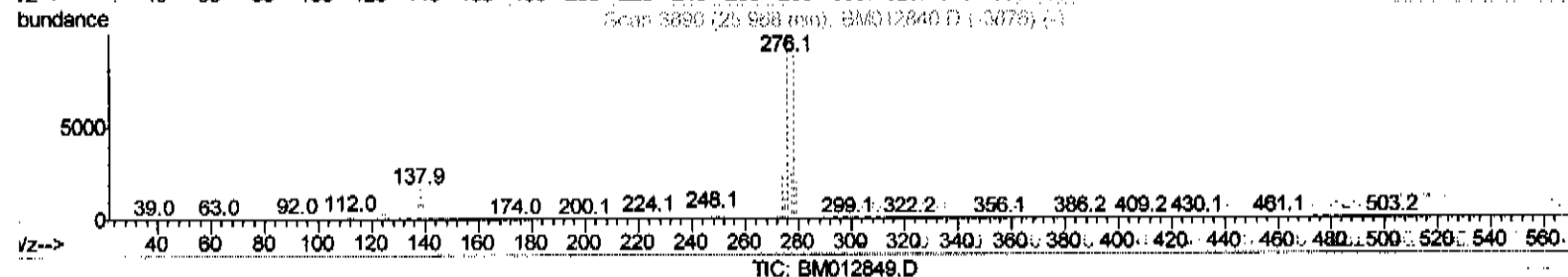
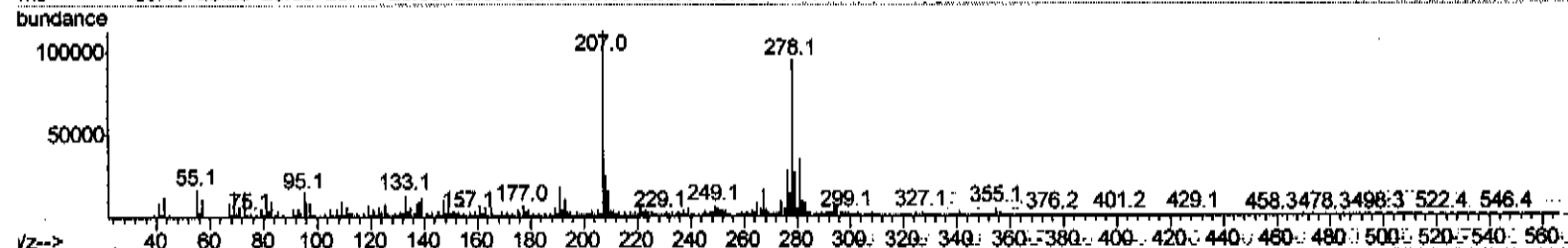
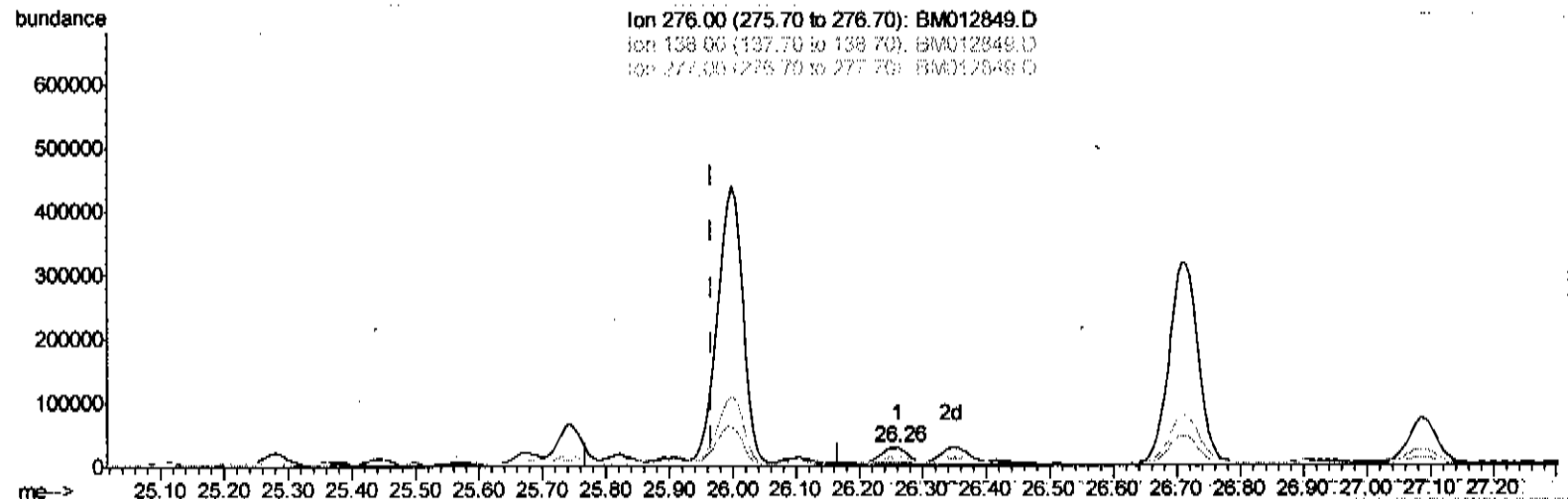
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110817\
 Data File : BM012849.D
 Acq On : 09 Nov 2017 12:05
 Operator : SJ/JU
 Sample : I6096-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-76(0-1)-102317

Manual Integrations
 APPROVED

Sohil
 11/9/2017 3:49:21 PM

Quant Time: Nov 09 14:11:56 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 05:48:58 2017
 Response via : Initial Calibration



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

26.262min (+0.294) 1.66ng/ul

response 72028

Ion	Exp%	Act%
276.00	100	100
138.00	27.90	34.91#
277.00	25.20	49.53#
0.00	0.00	0.00

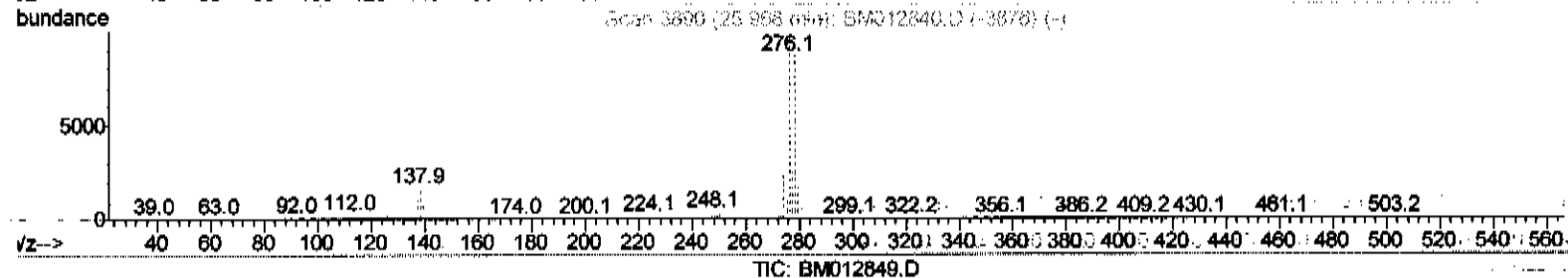
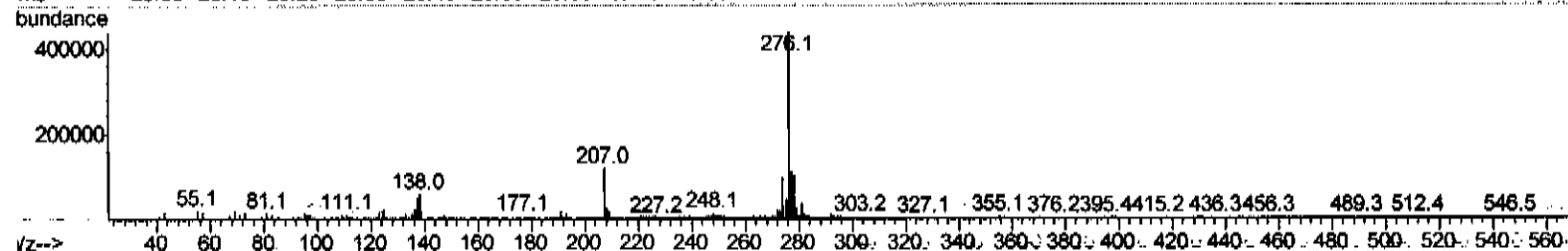
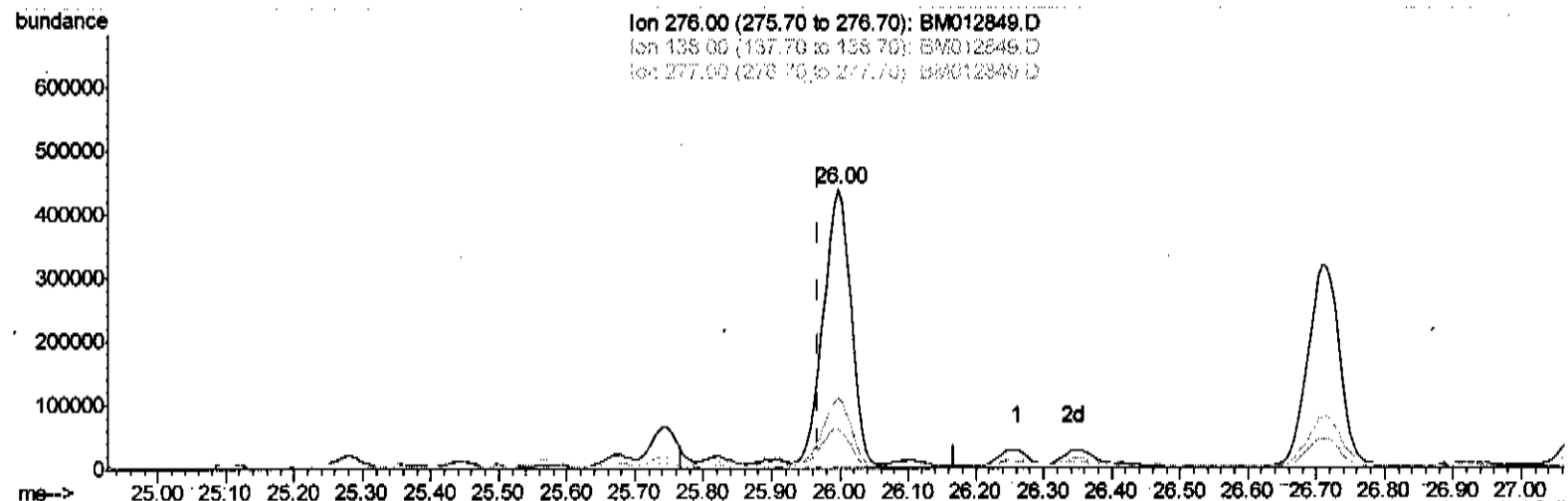
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110817\
 Data File : BM012849.D
 Acq On : 09 Nov 2017 12:05
 Operator : SJ/JU
 Sample : I6096-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-76(0-1)-102317

Manual Integrations
 APPROVED

Sohil
 11/9/2017 3:49:21 PM

Quant Time: Nov 09 14:11:56 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 05:48:58 2017
 Response via : Initial Calibration



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

25.997min (+0.030) 28.73ng/ul m

SJ 11/13/17

response 1246806

Ion	Exp%	Act%
276.00	100	100
138.00	27.90	13.71#
277.00	25.20	25.13
0.00	0.00	0.00

11/13/2017 14:14:57

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11/13/2017 14:14:57

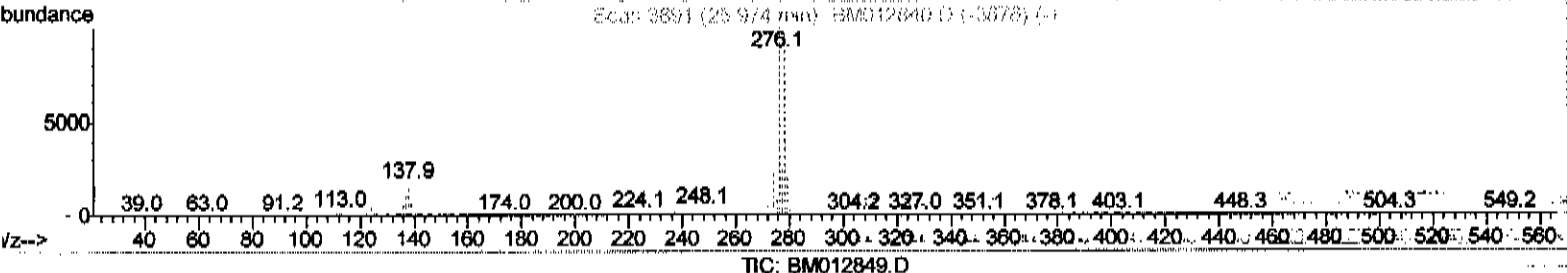
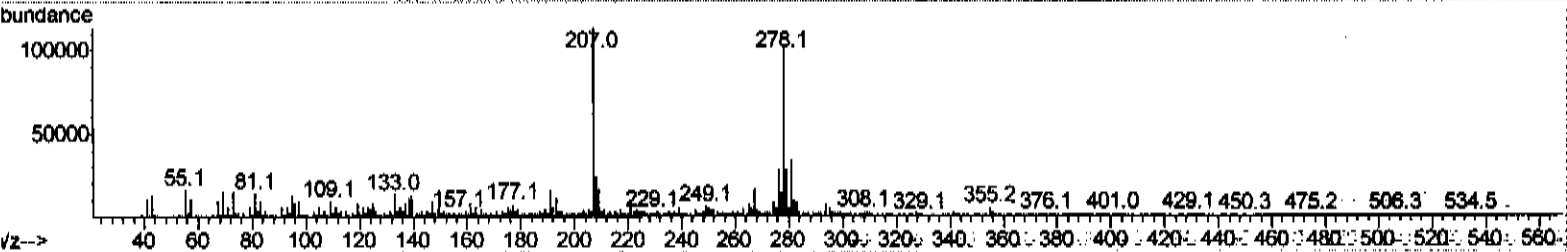
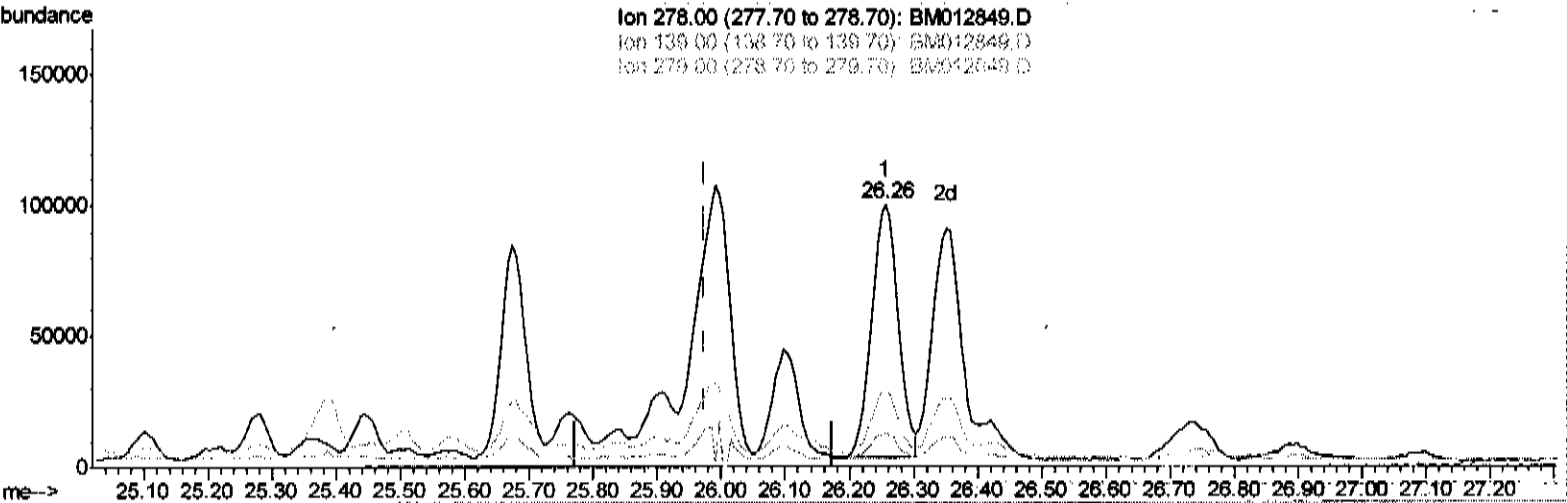
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 Data File : BM012849.D
 Accr On : 09 Nov 2017 12:05
 Operator : SJ/JU
 Sample : I6096-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-76(0-1)-102317

Manual Integrations
 APPROVED

Sohil
 11/9/2017 3:49:21 PM

Quant Time: Nov 09 14:11:56 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 05:48:58 2017
 Response via : Initial Calibration



(92) Dibenzo(a,h)anthracene
 26.256min (+0.282) 7.64ng/ul

response 280520

Ion	Exp%	Act%
278.00	100	100
139.00	17.40	12.88#
279.00	23.70	28.38
0.00	0.00	0.00



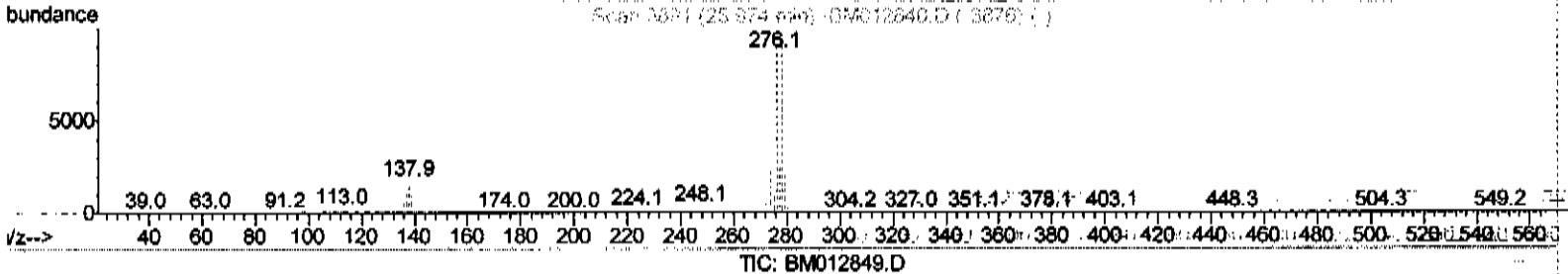
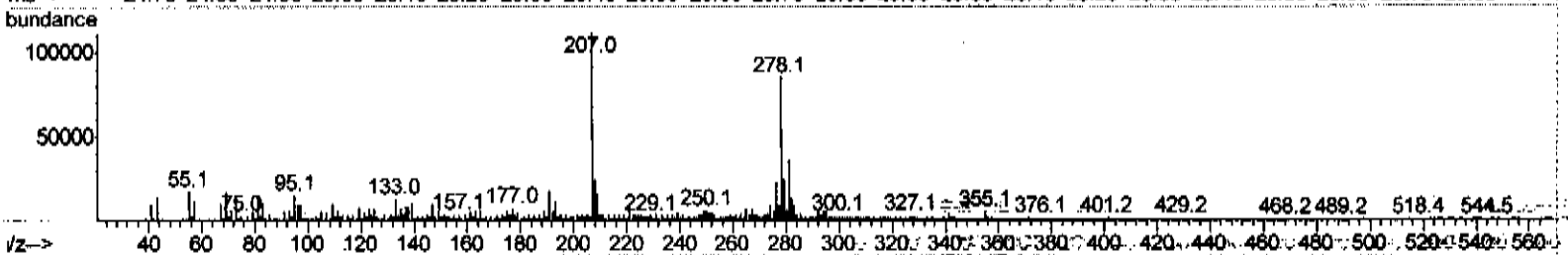
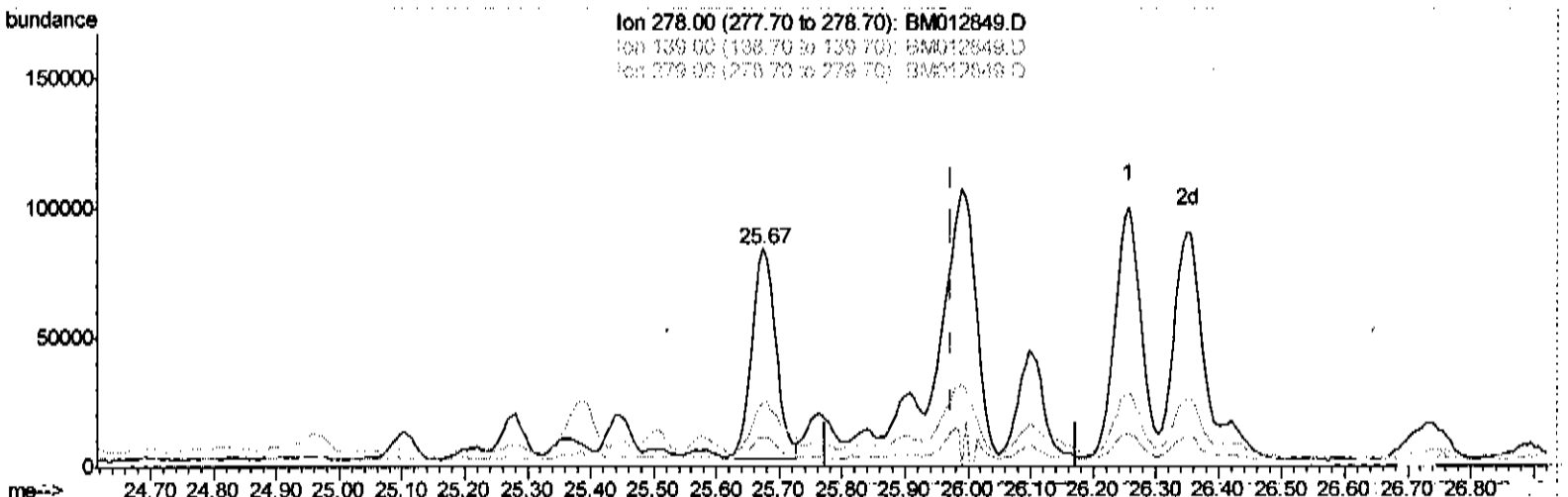
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\ENA M\DATA\BM110817\
 Data File : BM012849.D
 Acq On : 09 Nov 2017 12:05
 Operator : SJ/JU
 Sample : I6096-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 B-76(0-1)-102317

Manual Integrations
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Sohil
 11/9/2017 3:49:21 PM

Quant Time: Nov 09 14:11:56 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 05:48:58 2017
 Response via : Initial Calibration



(92) Dibenzo(a,h)anthracene

25.674min (-0.300) 5.87ng/ul m

SJ 11/13/17

response 215581

Ion	Exp%	Act%
278.00	100	100
139.00	17.40	13.27#
279.00	23.70	29.11#
0.00	0.00	0.00

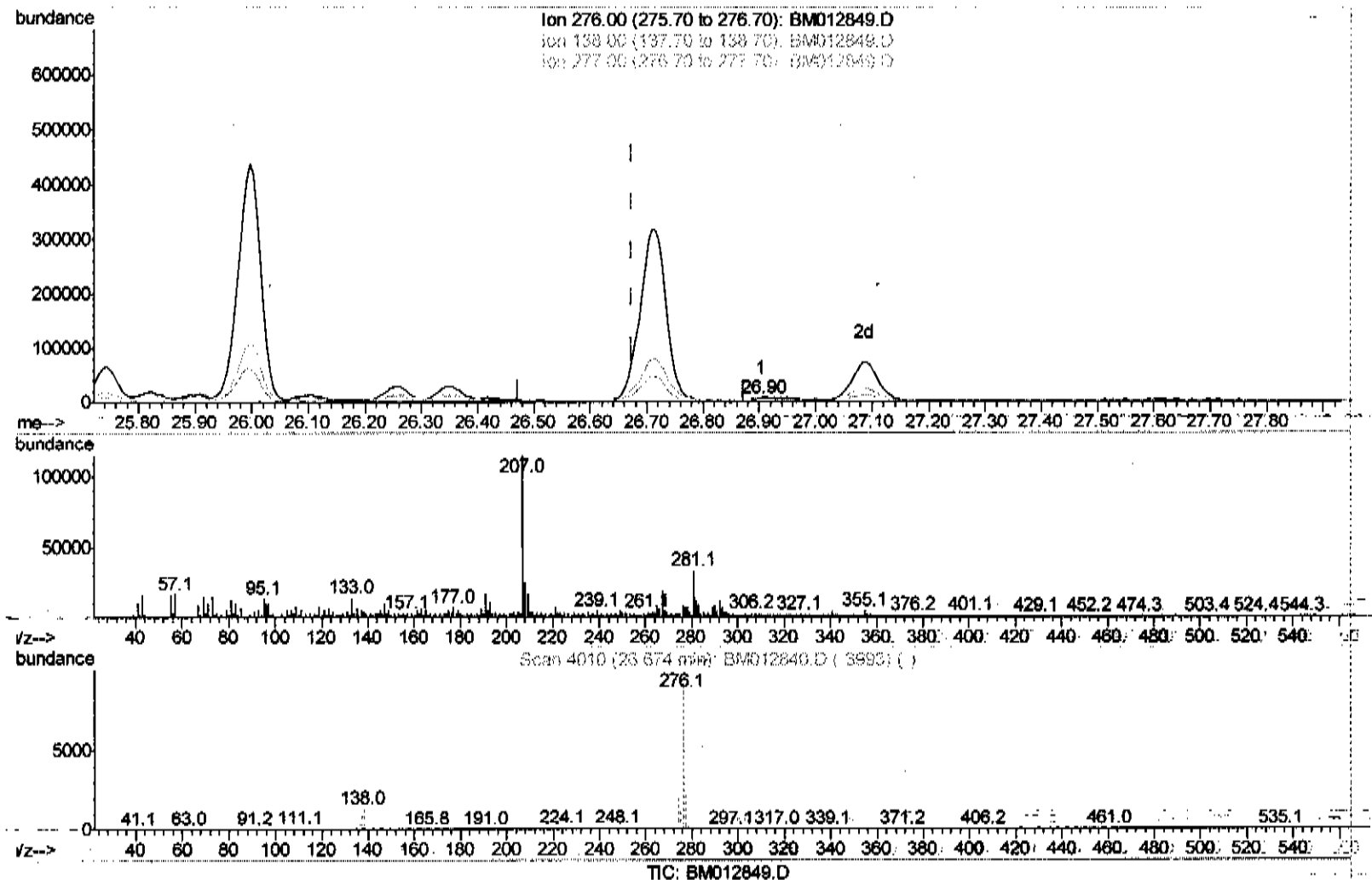
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110817\
 Data File : BM012849.D
 Acq On : 09 Nov 2017 12:05
 Operator : SJ/JU
 Sample : I6096-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 B-76(0-1)-102317

Manual Integrations
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Sohil
 11/9/2017 3:49:21 PM

Quant Time: Nov 09 14:11:56 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 05:48:58 2017
 Response via : Initial Calibration



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

26.903min (+0.230) 0.17ng/ul

response 6008

Ion	Exp%	Act%
276.00	100	100
138.00	23.60	51.64#
277.00	24.00	89.74#
0.00	0.00	0.00

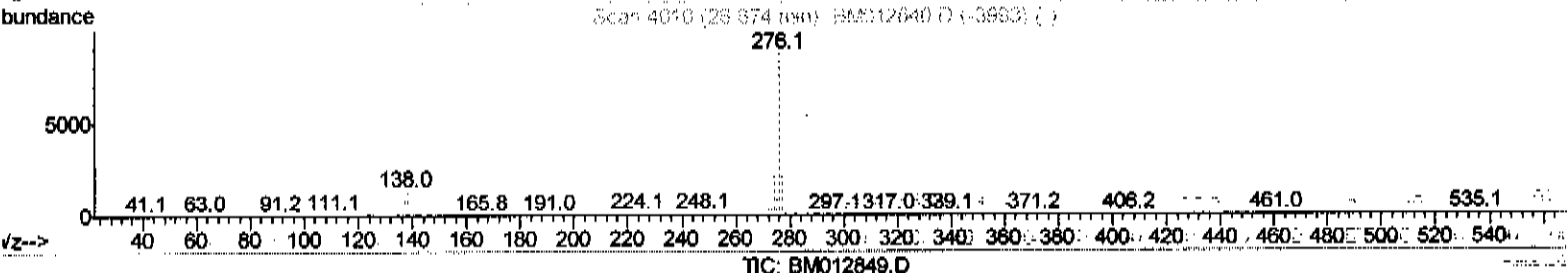
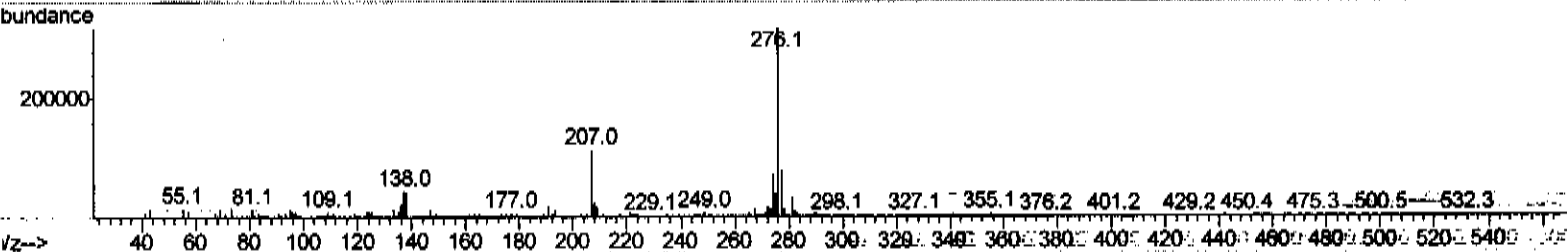
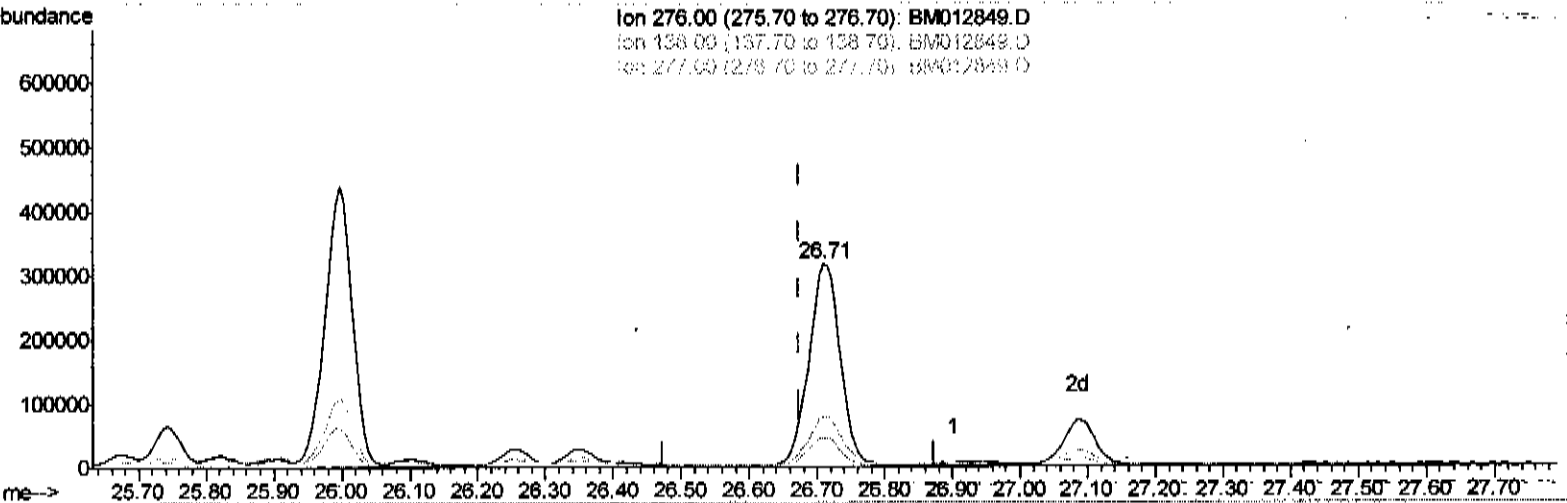
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110817\
 Data File : BM012849.D
 Acc On : 09 Nov 2017 12:05
 Operator : SJ/JU
 Sample : I6096-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-76(0-1)-102317

Manual Integrations
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Sohil
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Quant Time: Nov 09 14:11:56 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 05:48:58 2017
 Response via : Initial Calibration



TIC: BM012849.D

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

26.709min (+0.035) 28.99ng/ul m

SJ 11/13/17

response 1036674

Ion	Exp%	Act%
276.00	100	100
138.00	23.60	13.90#
277.00	24.00	24.79
0.00	0.00	0.00

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110817\
 Data File : BM012849.D
 Acq On : 09 Nov 2017 12:05
 Operator : SJ/JU
 Sample : I6096-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-76(0-1)-102317

Manual Integrations
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Sohil
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Quant Time: Nov 09 14:15:09 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 05:48:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	135425	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	525181	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	274239	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	492764m	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	532128m	20.00	ng/ul	0.00
85) Perylene-d12	23.67	264	619285m	20.00	ng/ul	0.02

} SJ 11/13/17

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.29	96	7727m	3.08	ng/uL	0.00
5) Phenol-d5	6.99	99	173129	17.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	109384	20.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	161758	19.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	103612	11.91	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	81994	21.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	86215	19.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	167045	18.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	44300	5.04	ng/ul	0.01
43) Dimethylphthalate-d6	13.85	166	494788	21.80	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	576307	20.53	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	44286	12.18	ng/ul	0.01
57) Fluorene-d10	15.44	176	381396	19.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	3781	1.16	ng/ul	0.01
70) Anthracene-d10	17.29	188	496298	20.85	ng/ul	0.00
78) Pyrene-d10	19.59	212	486562m	19.71	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.52	264	608477m	20.78	ng/ul	0.02

- SJ 11/13/17

} SJ 11/13/17

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Phenol	7.01	94	31905	3.084	ng/ul	97
28) Naphthalene	10.64	128	48001	1.828	ng/ul	100
34) 2-Methylnaphthalene	12.26	142	22353	1.114	ng/ul	89
44) Dimethylphthalate	13.90	163	318804	14.157	ng/ul	98
47) Acenaphthylene	14.16	152	38402	1.411	ng/ul#	95
49) Acenaphthene	14.50	153	66986	3.614	ng/ul	94
53) Dibenzofuran	14.84	168	63984	2.367	ng/ul	91
58) Fluorene	15.49	166	67385	3.001	ng/ul	98
69) Phenanthrene	17.23	178	1771778m	65.783	ng/ul	98
71) Anthracene	17.32	178	324775	11.630	ng/ul	98
74) Carbazole	17.60	167	63896	2.743	ng/ul	96
76) Fluoranthene	19.26	202	2819025	87.100	ng/ul#	93
79) Pyrene	19.62	202	2944111m	92.733	ng/ul	93
82) Benzo(a)anthracene	21.36	228	1830690m	56.854	ng/ul	93
84) Chrysene	21.42	228	1984970m	68.020	ng/ul	93
87) Benzo(b)fluoranthene	22.98	252	2341415m	61.868	ng/ul	93
88) Benzo(k)fluoranthene	23.02	252	755207m	20.994	ng/ul	93
90) Benzo(a)pyrene	23.57	252	1767889m	49.092	ng/ul	93
91) Indeno(1,2,3-cd)pyrene	26.00	276	1246806m	28.727	ng/ul	93
92) Dibenz(a,h)anthracene	25.67	278	215581m	5.868	ng/ul	93
93) Benzo(a,h,i)perylene	26.71	276	1036674m	28.987	ng/ul	93

SJ 11/13/17

} SJ 11/13/17

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110817\
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Instrument :
BNA_M
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Manual Integrations
APPROVED
Sohil
11/9/2017 3:49:21 PM

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 05:48:58 2017
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