

(QT Reviewed)

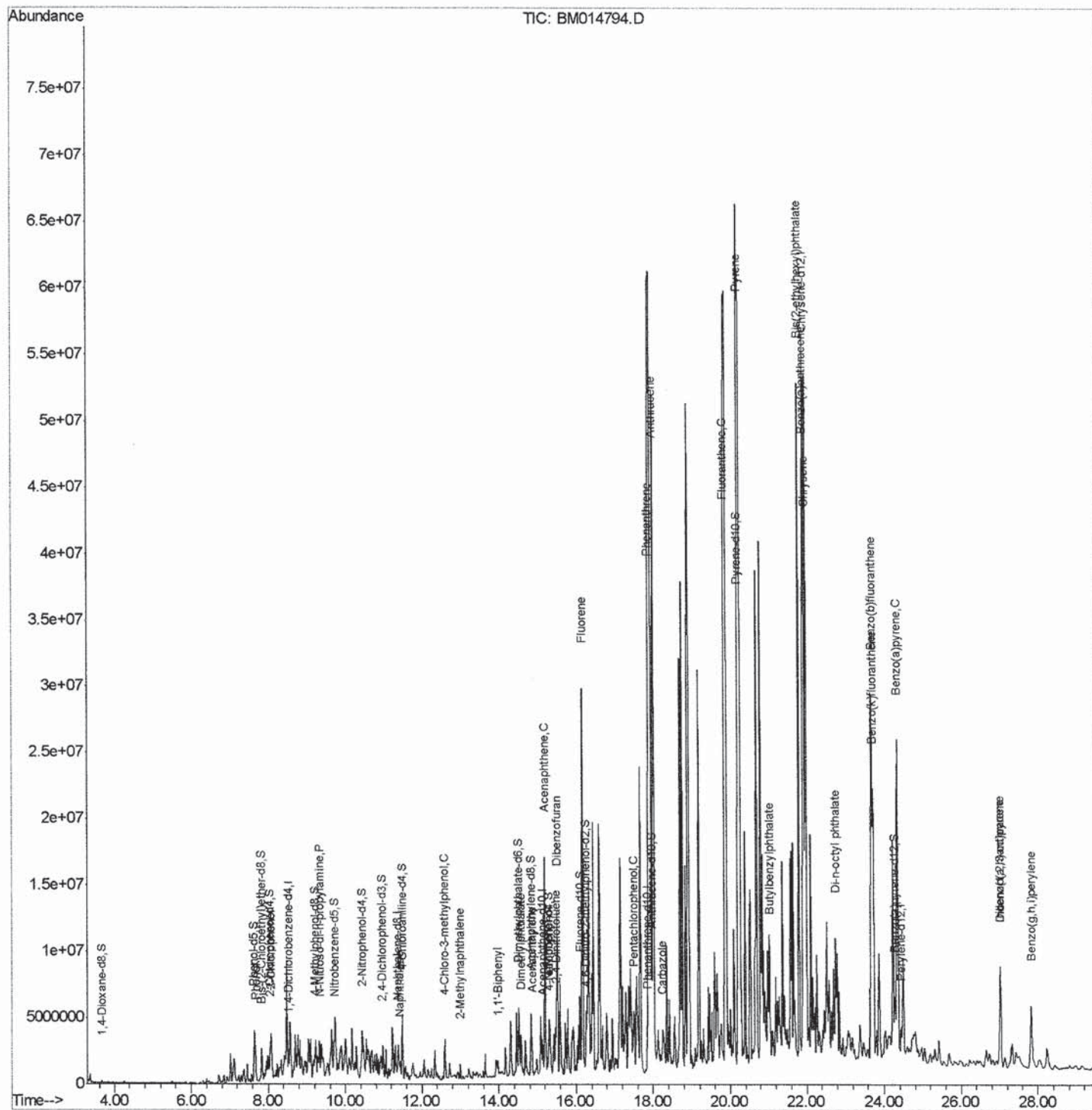
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014794.D
Acq On : 24 Apr 2018 02:05
Operator : SJ/JU
Sample : J2431-21MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DASP3MS

Manual Integrations APPROVED

Sohil
4/24/2018 7:13:36 PM

Quant Time: Apr 24 04:29:57 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 24 02:13:13 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

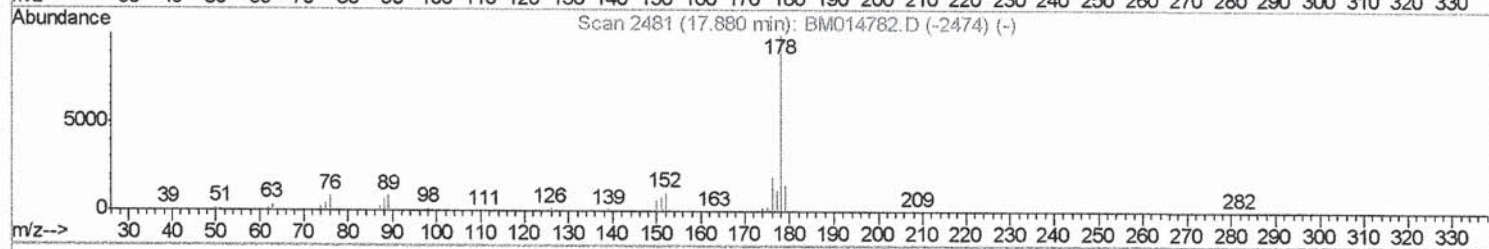
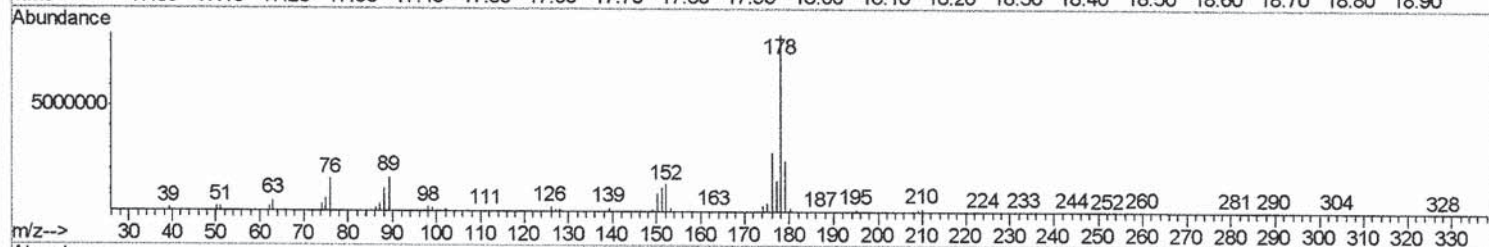
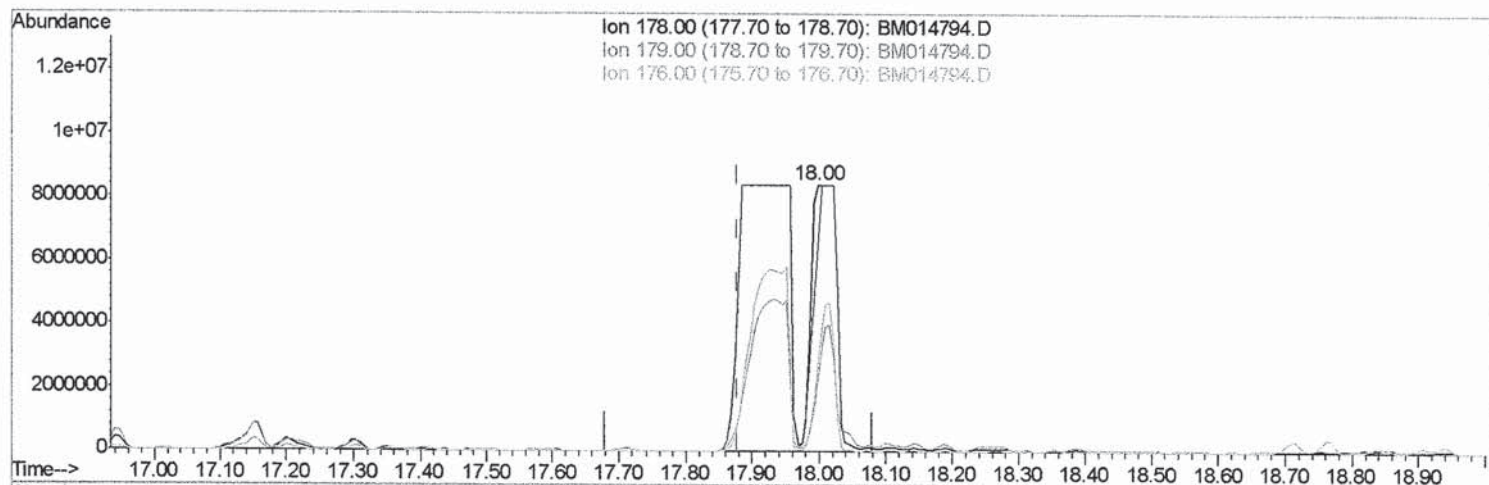
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014794.D
Acq On : 24 Apr 2018 02:05
Operator : SJ/JU
Sample : J2431-21MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DASP3MS

Manual Integrations
APPROVED

Sohil
4/24/2018 7:13:36 PM

Quant Time: Apr 24 04:05:48 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 24 02:13:13 2018
Response via : Initial Calibration



TIC: BM014794.D

(69) Phenanthrene

17.998min (+0.118) 38.14ng/ul

response 3584221

Ion	Exp%	Act%
178.00	100	100
179.00	15.80	28.77#
176.00	18.60	33.49#
0.00	0.00	0.00

Quantitation Report (Qedit)

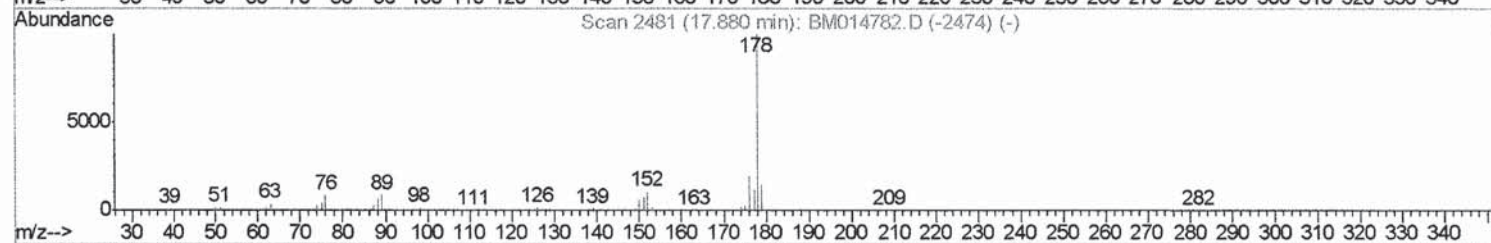
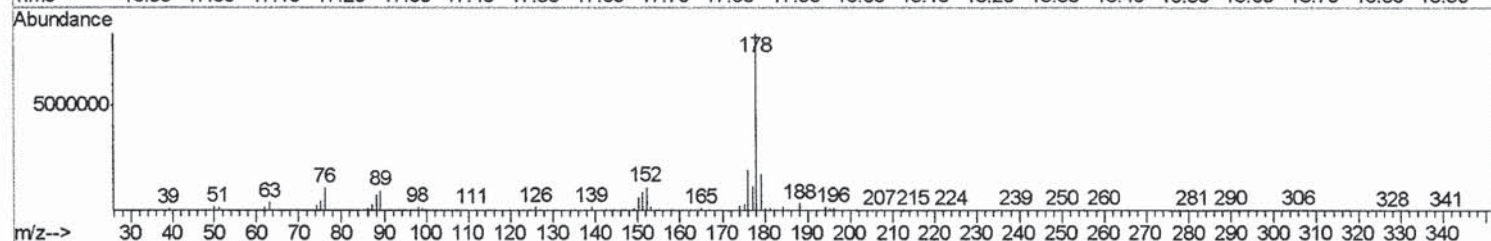
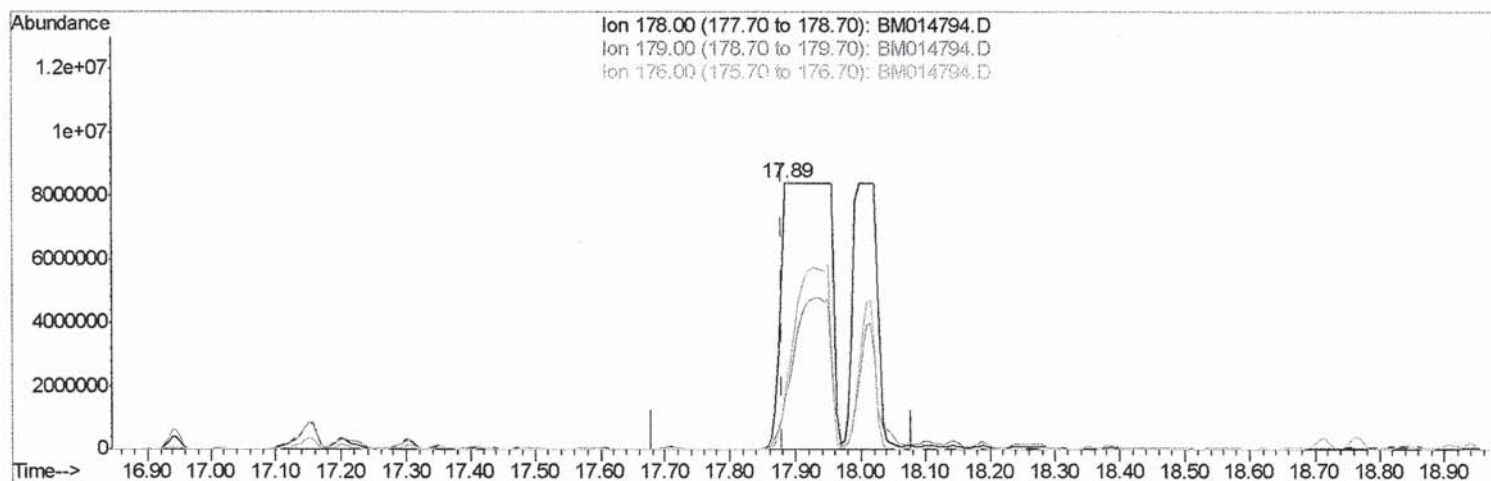
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
 Data File : BM014794.D
 Acq On : 24 Apr 2018 02:05
 Operator : SJ/JU
 Sample : J2431-21MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DASP3MS

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:13:36 PM

Quant Time: Apr 24 04:05:48 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 24 02:13:13 2018
 Response via : Initial Calibration



TIC: BM014794.D

(69) Phenanthrene

17.886min (+0.006) 453.09ng/ul m) SJ 4/24/18

response 42575492

Ion	Exp%	Act%
178.00	100	100
179.00	15.80	20.25#
176.00	18.60	23.15#
0.00	0.00	0.00

Quantitation Report (Qedit)

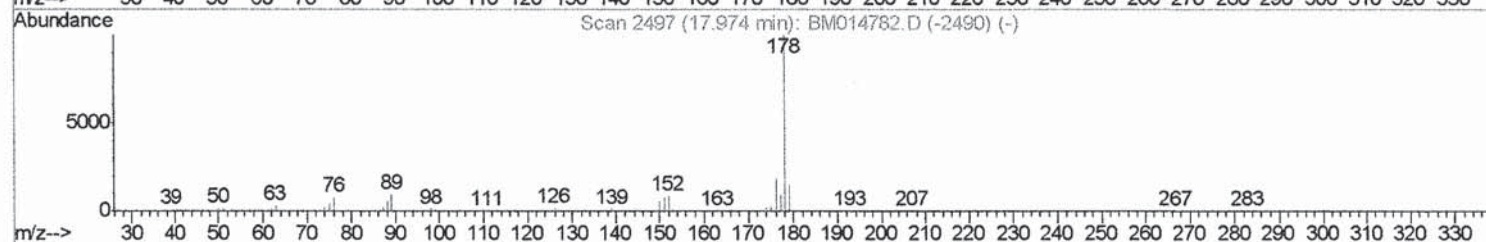
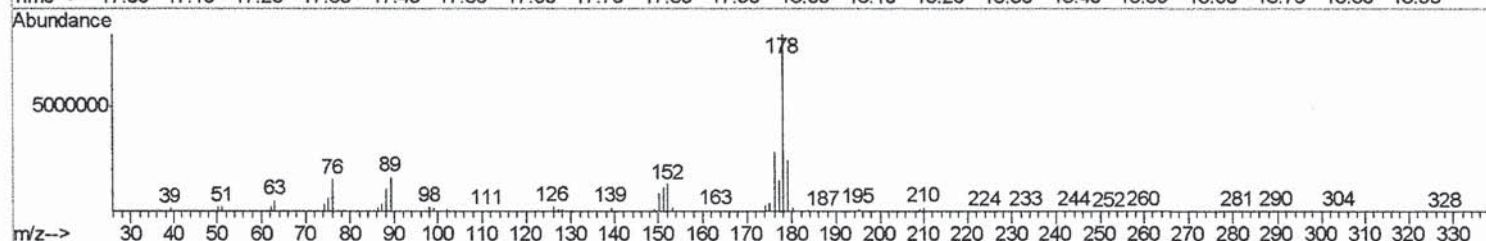
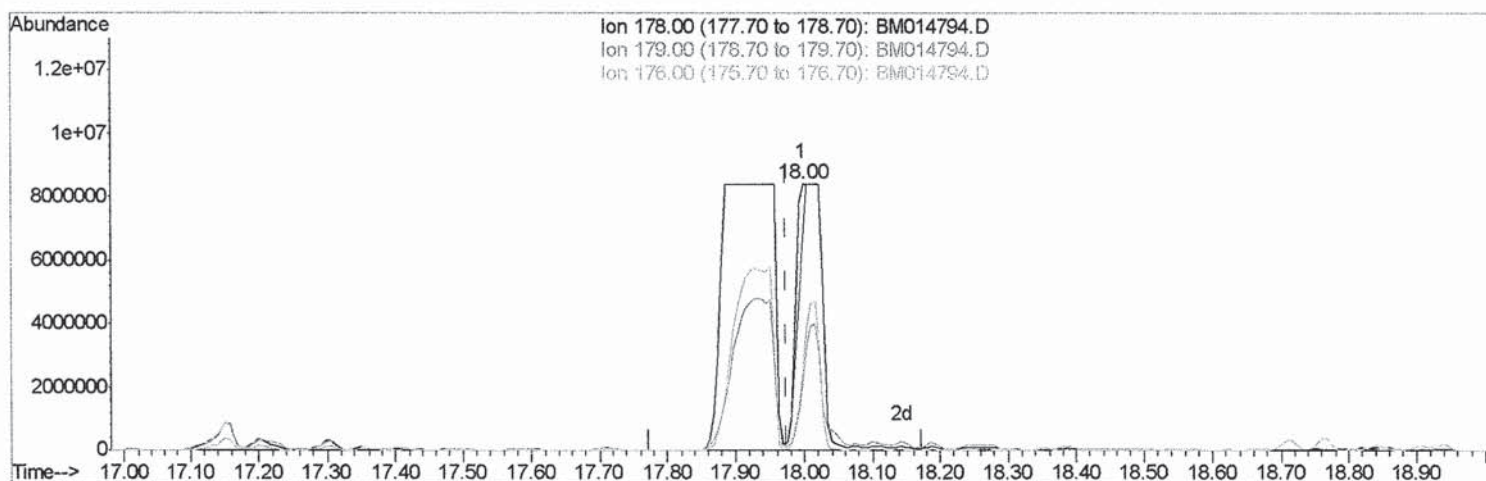
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014794.D
Acq On : 24 Apr 2018 02:05
Operator : SJ/JU
Sample : J2431-21MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DASP3MS

Manual Integrations
APPROVED

Sohil
4/24/2018 7:13:36 PM

Quant Time: Apr 24 04:05:48 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 24 02:13:13 2018
Response via : Initial Calibration



TIC: BM014794.D

(71) Anthracene

17.998min (+0.023) 37.58ng/ul

response 3584221

Ion	Exp%	Act%
178.00	100	100
179.00	14.60	28.77#
176.00	18.20	33.49#
0.00	0.00	0.00

Quantitation Report (Qedit)

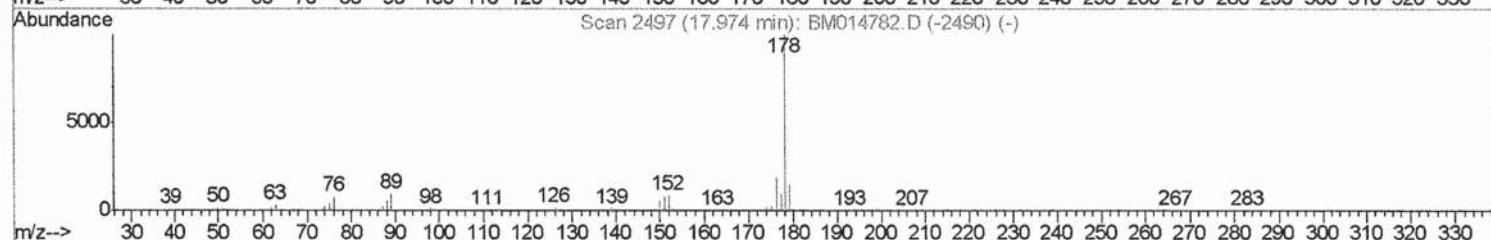
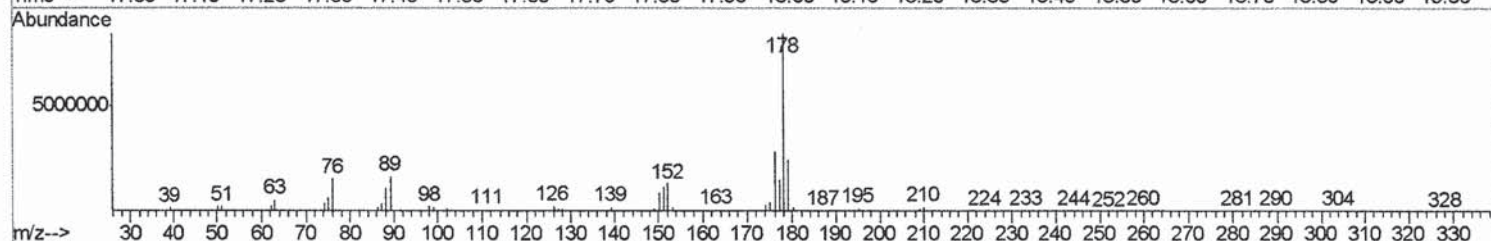
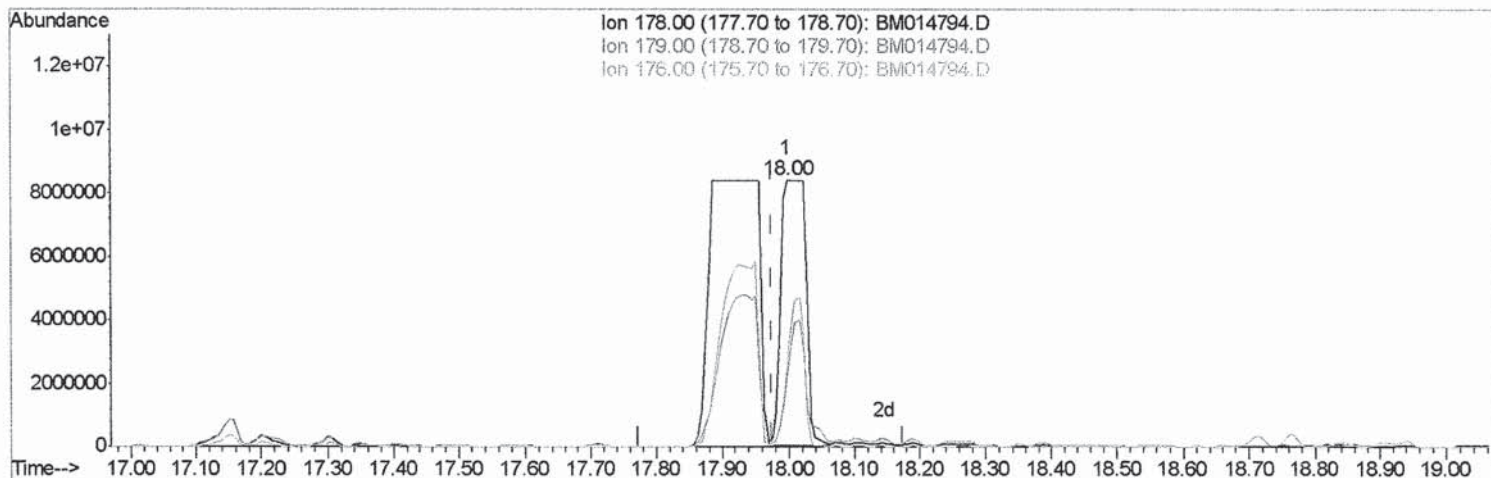
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014794.D
Acq On : 24 Apr 2018 02:05
Operator : SJ/JU
Sample : J2431-21MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DASP3MS

Manual Integrations
APPROVED

Sohil
4/24/2018 7:13:36 PM

Quant Time: Apr 24 04:05:48 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 24 02:13:13 2018
Response via : Initial Calibration



TIC: BM014794.D

(71) Anthracene

17.998min (+0.023) 226.11ng/ul m) SJ 4/24/18

response 21562990

Ion	Exp%	Act%
178.00	100	100
179.00	14.60	28.77#
176.00	18.20	33.49#
0.00	0.00	0.00

Quantitation Report (Qedit)

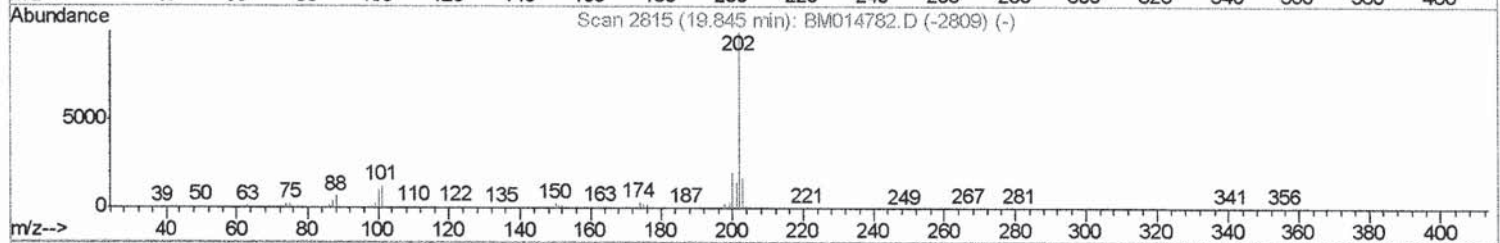
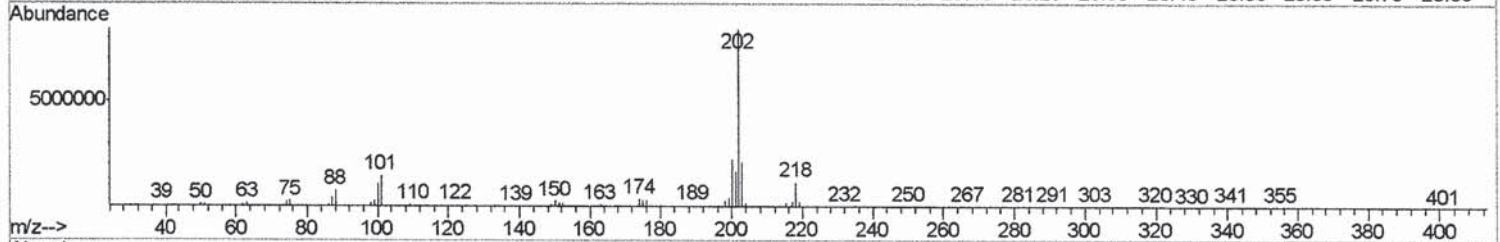
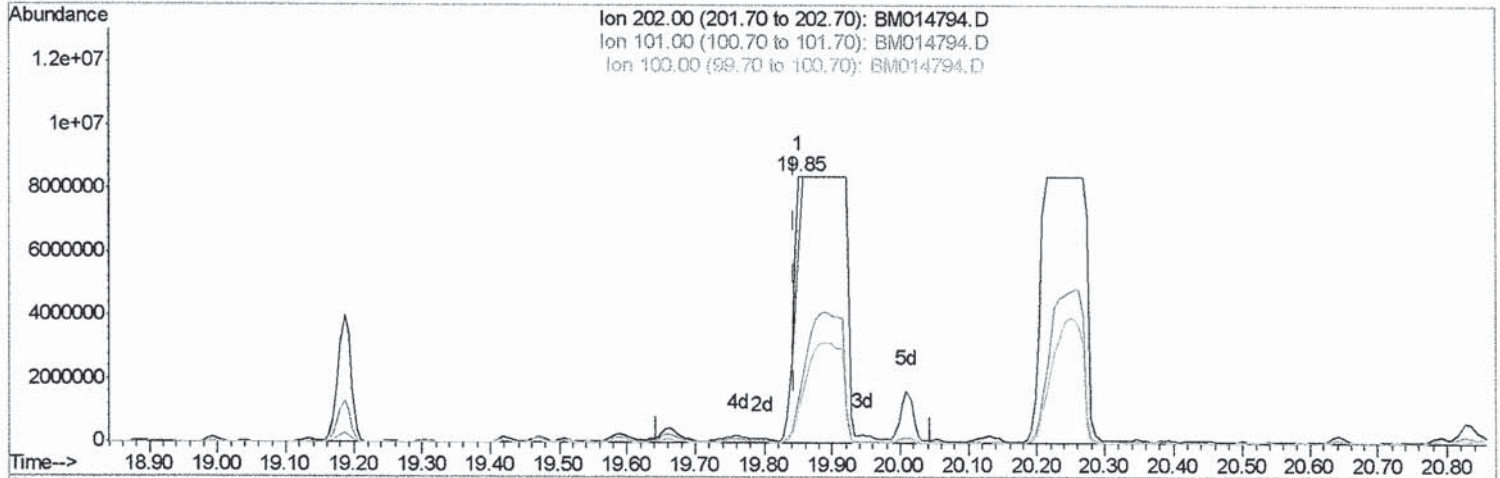
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
 Data File : BM014794.D
 Acq On : 24 Apr 2018 02:05
 Operator : SJ/JU
 Sample : J2431-21MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DASP3MS

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:13:36 PM

Quant Time: Apr 24 04:05:48 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 24 02:13:13 2018
 Response via : Initial Calibration



TIC: BM014794.D

(74) Fluoranthene (C)

19.850min (+0.006) 29.98ng/ul

response 3071569

Ion	Exp%	Act%
202.00	100	100
101.00	5.80	17.34#
100.00	4.30	13.04#
0.00	0.00	0.00

Quantitation Report (Qedit)

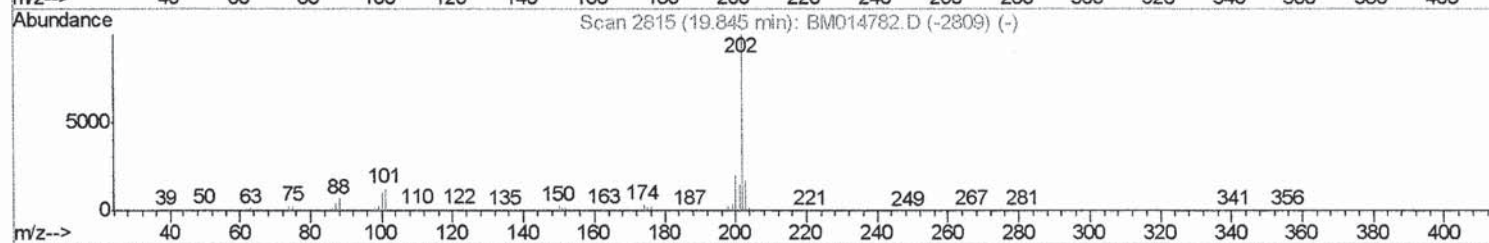
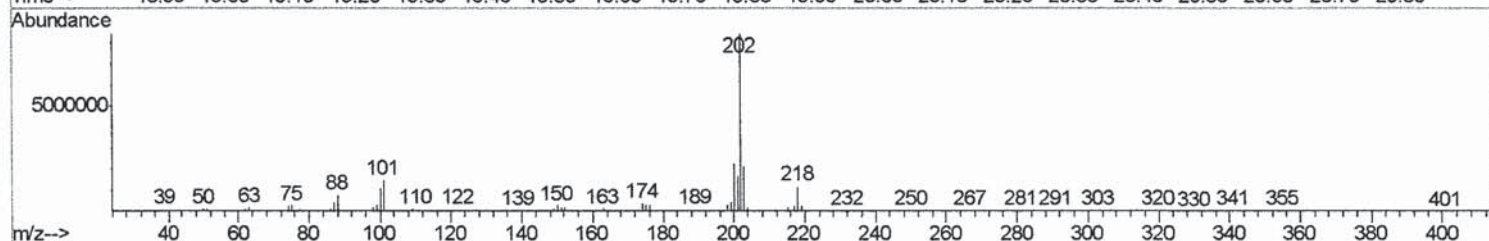
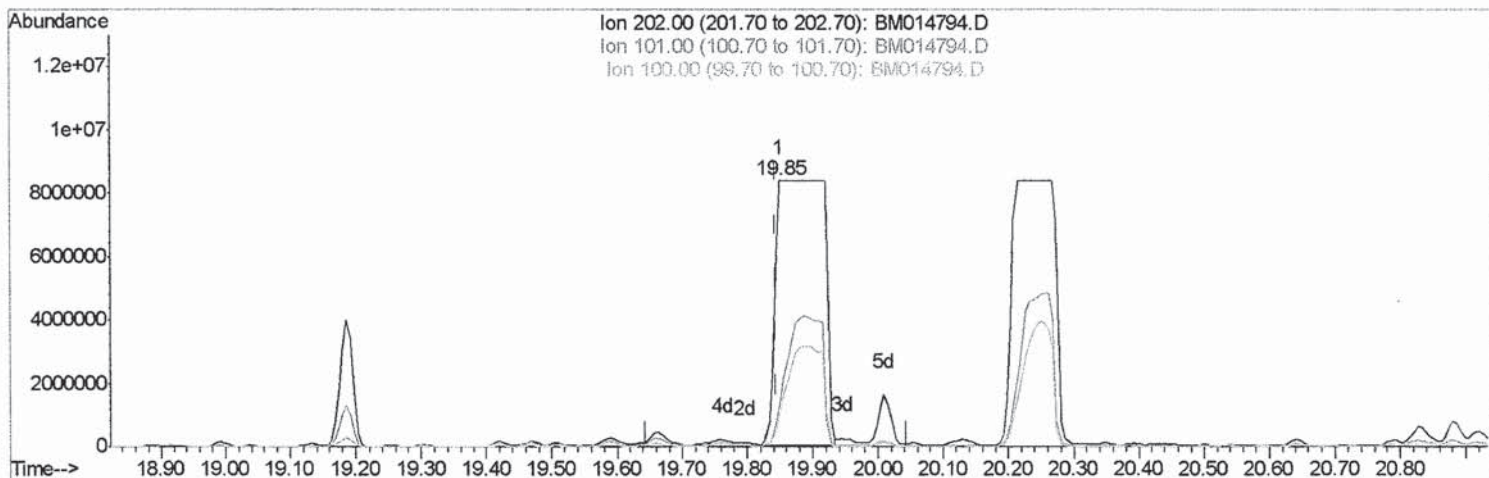
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014794.D
Acq On : 24 Apr 2018 02:05
Operator : SJ/JU
Sample : J2431-21MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DASP3MS

Manual Integrations
APPROVED

Sohil
4/24/2018 7:13:36 PM

Quant Time: Apr 24 04:05:48 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 24 02:13:13 2018
Response via : Initial Calibration



TIC: BM014794.D

(74) Fluoranthene (C)

19.850min (+0.006) 409.23ng/ul m> SJ 4/24/18

response 41925088

Ion	Exp%	Act%
202.00	100	100
101.00	5.80	17.34#
100.00	4.30	13.04#
0.00	0.00	0.00

Quantitation Report (Qedit)

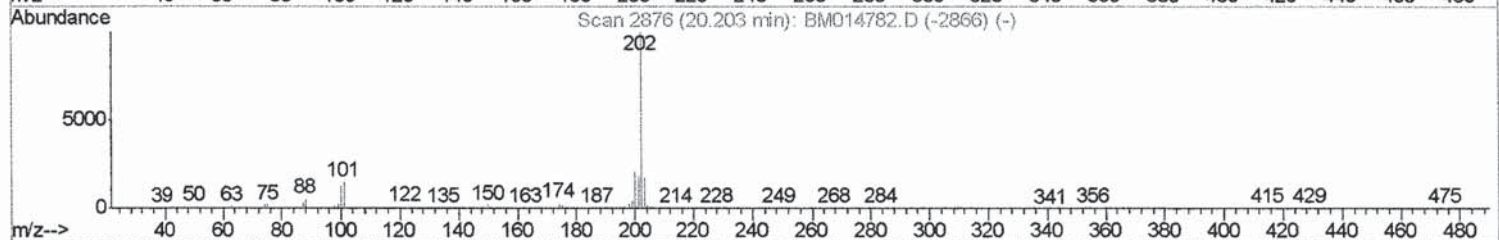
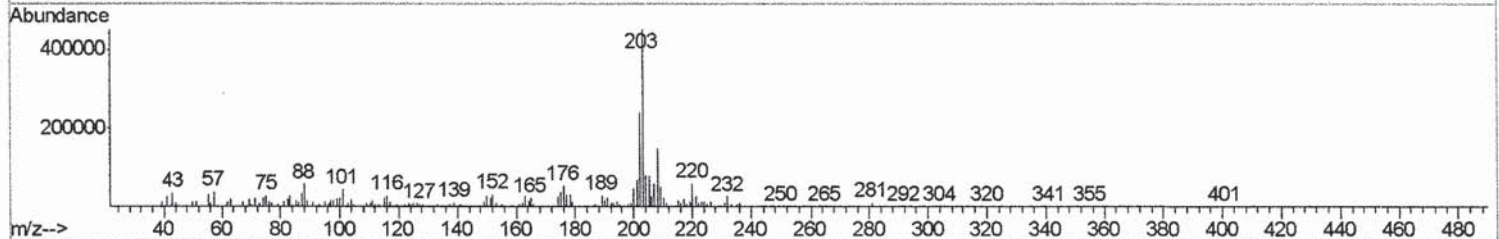
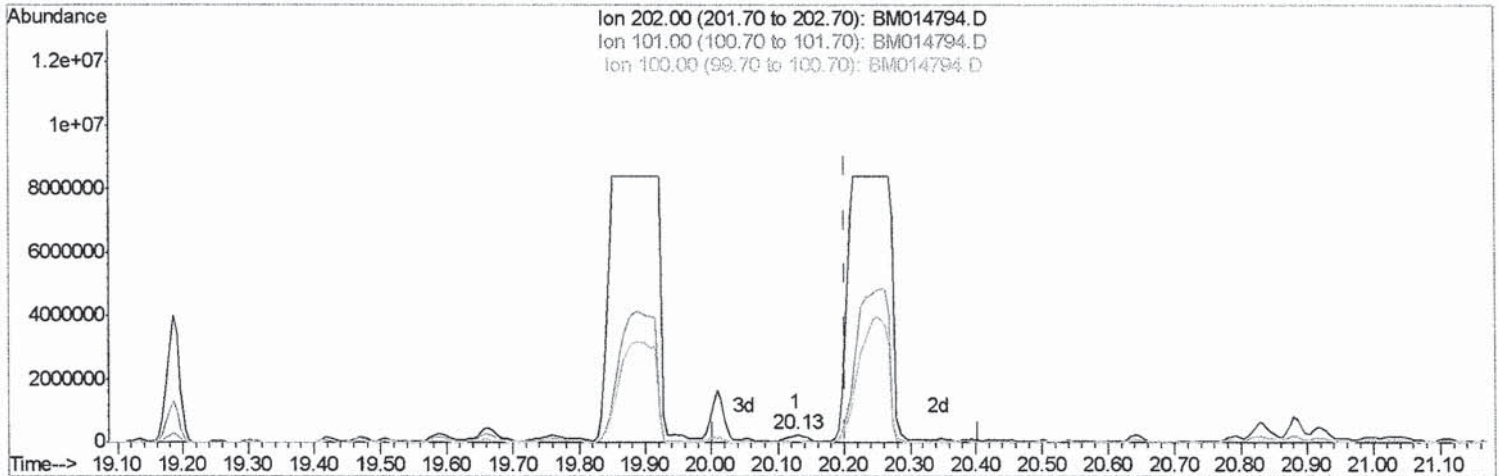
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
 Data File : BM014794.D
 Acq On : 24 Apr 2018 02:05
 Operator : SJ/JU
 Sample : J2431-21MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DASP3MS

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:13:36 PM

Quant Time: Apr 24 04:05:48 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 24 02:13:13 2018
 Response via : Initial Calibration



TIC: BM014794.D

(77) Pyrene

20.127min (-0.077) 4.49ng/ul

response 453141

Ion	Exp%	Act%
202.00	100	100
101.00	6.40	18.19#
100.00	6.10	9.38#
0.00	0.00	0.00

Quantitation Report (Qedit)

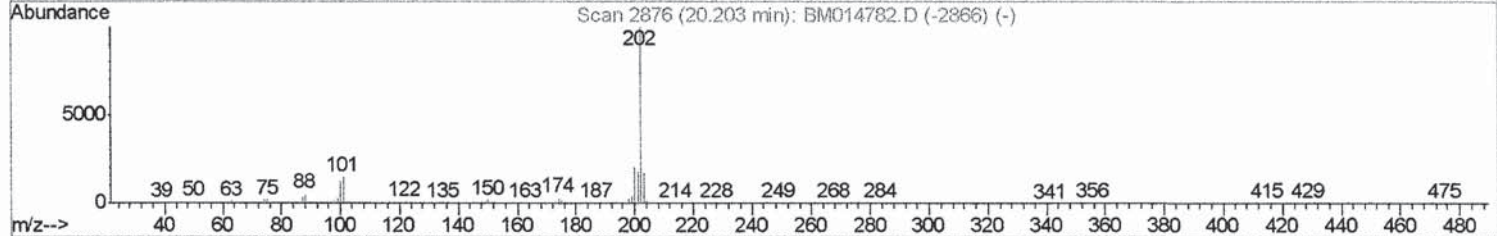
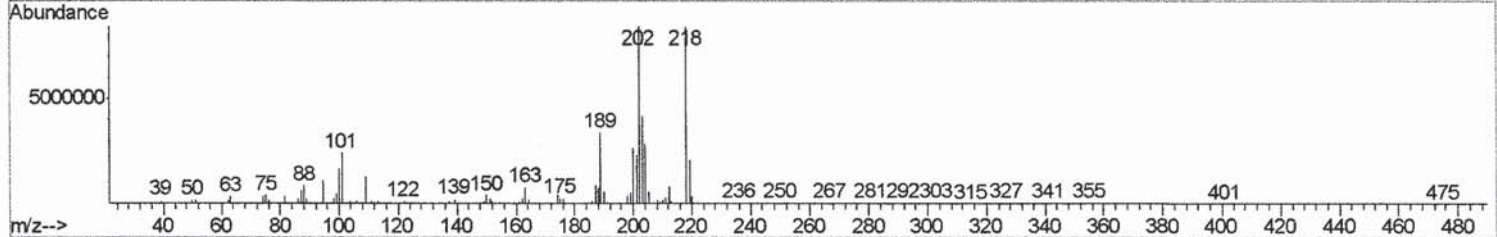
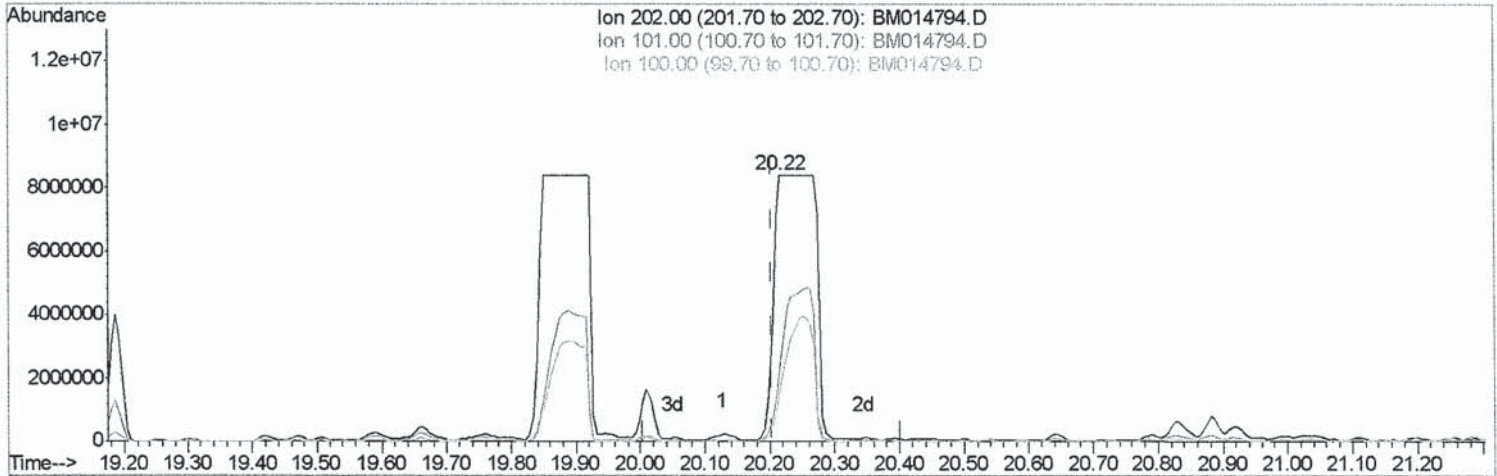
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
 Data File : BM014794.D
 Acq On : 24 Apr 2018 02:05
 Operator : SJ/JU
 Sample : J2431-21MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DASP3MS

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:13:36 PM

Quant Time: Apr 24 04:05:48 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 24 02:13:13 2018
 Response via : Initial Calibration



TIC: BM014794.D

(77) Pyrene

20.215min (+0.012) 367.46ng/ul m) SJ 4/24/18

response 37065472

Ion	Exp%	Act%
202.00	100	100
101.00	6.40	28.51#
100.00	6.10	20.01#
0.00	0.00	0.00

Quantitation Report (Qedit)

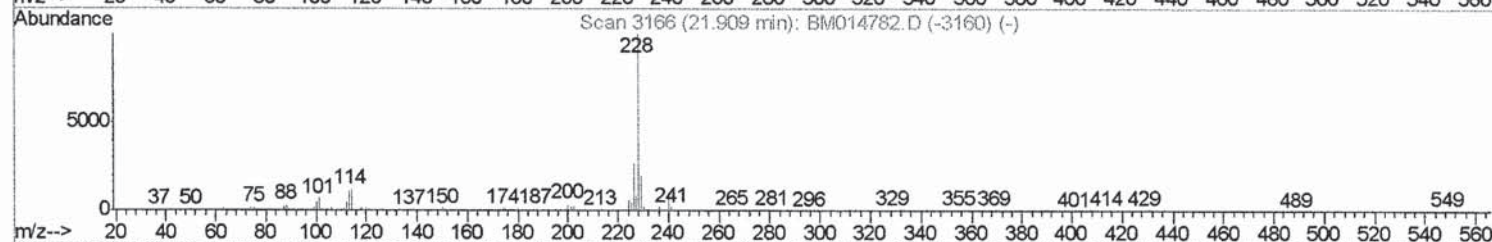
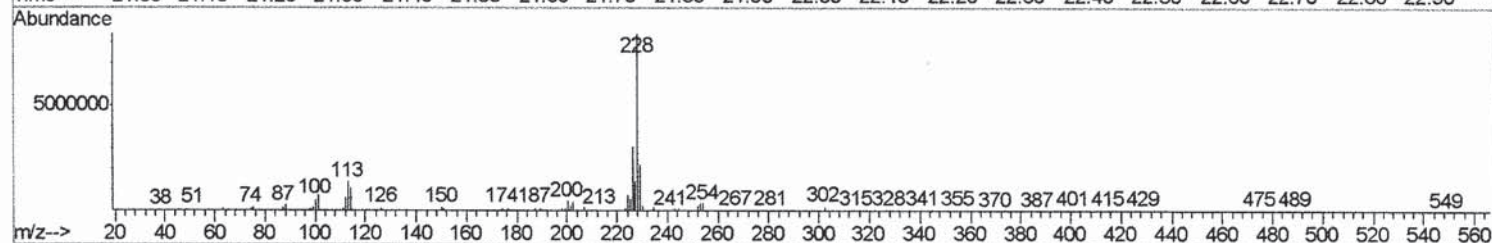
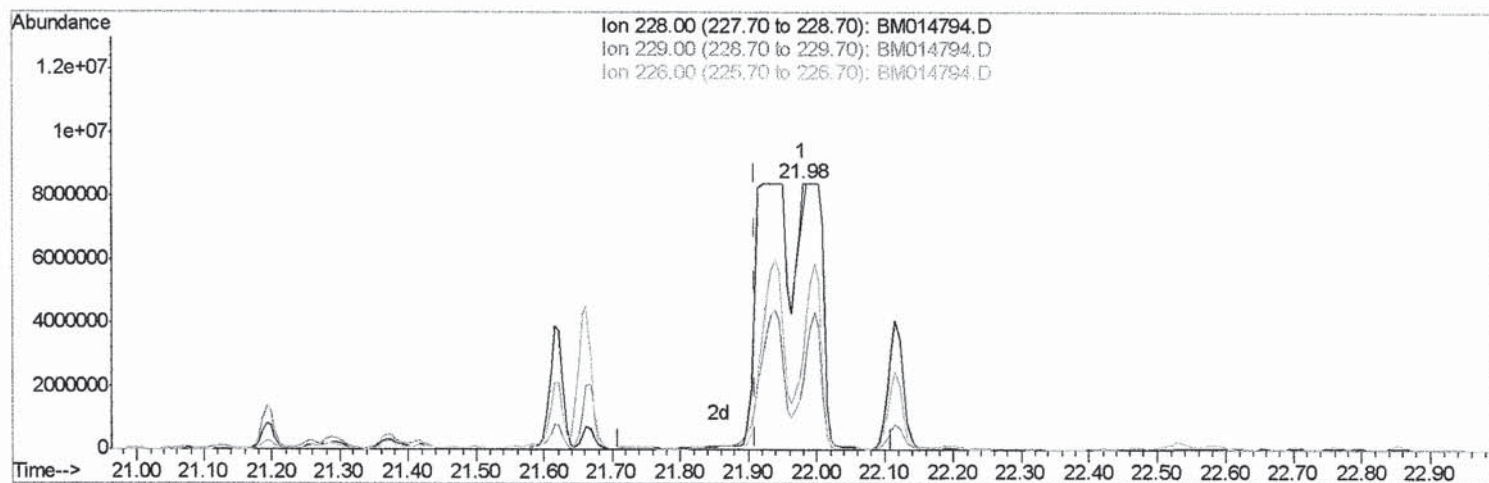
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
 Data File : BM014794.D
 Acq On : 24 Apr 2018 02:05
 Operator : SJ/JU
 Sample : J2431-21MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DASP3MS

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:13:36 PM

Quant Time: Apr 24 04:05:48 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 24 02:13:13 2018
 Response via : Initial Calibration



TIC: BM014794.D

(80) Benzo(a)anthracene
 21.980min (+0.070) 13.97ng/ul
 response 1409922

Ion	Exp%	Act%
228.00	100	100
229.00	19.20	26.25#
226.00	26.70	36.45#
0.00	0.00	0.00

Quantitation Report (Qedit)

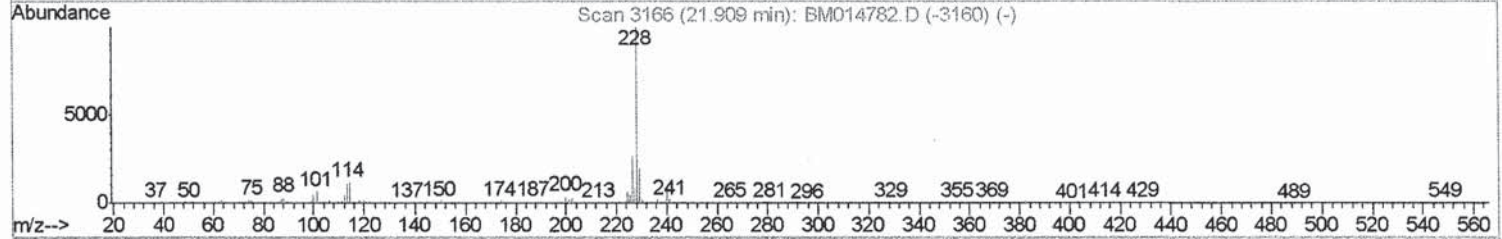
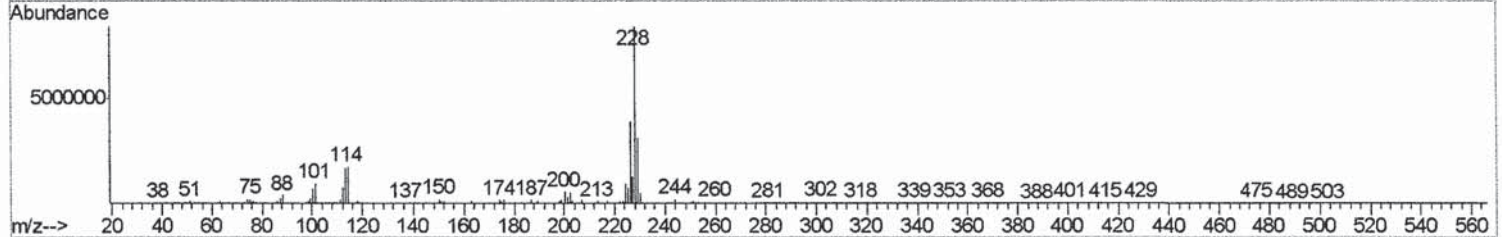
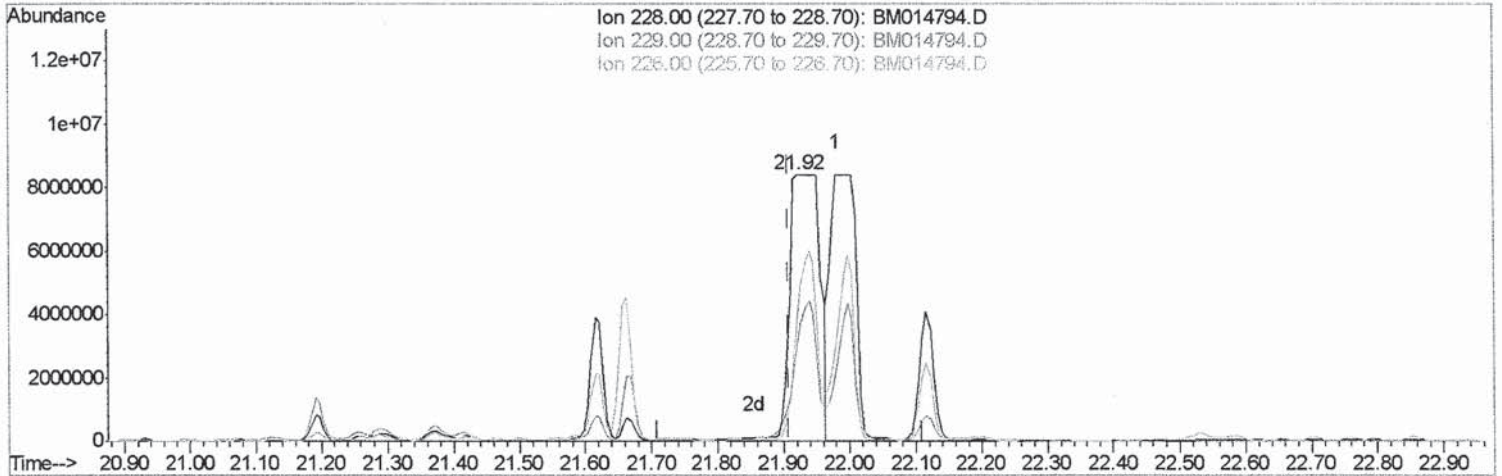
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
 Data File : BM014794.D
 Acq On : 24 Apr 2018 02:05
 Operator : SJ/JU
 Sample : J2431-21MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DASP3MS

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:13:36 PM

Quant Time: Apr 24 04:05:48 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 24 02:13:13 2018
 Response via : Initial Calibration



TIC: BM014794.D

(80) Benzo(a)anthracene

21.921min (+0.012) 263.04ng/ul m) SJ 4/24/18

response 26554780

Ion	Exp%	Act%
228.00	100	100
229.00	19.20	36.70#
226.00	26.70	46.28#
0.00	0.00	0.00

Quantitation Report (Qedit)

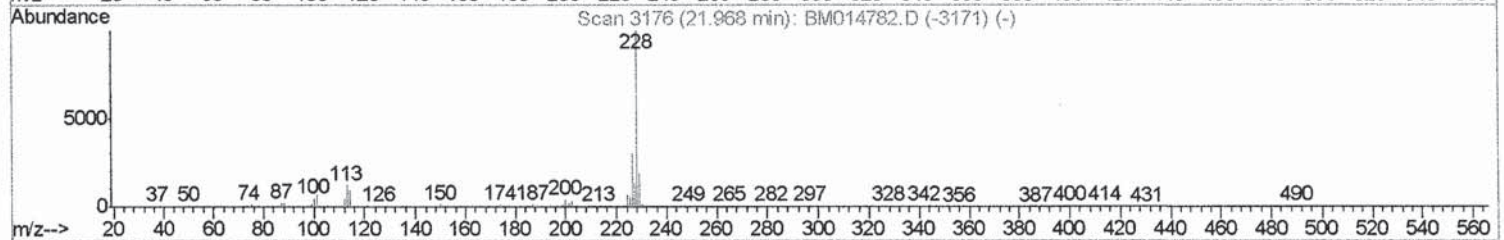
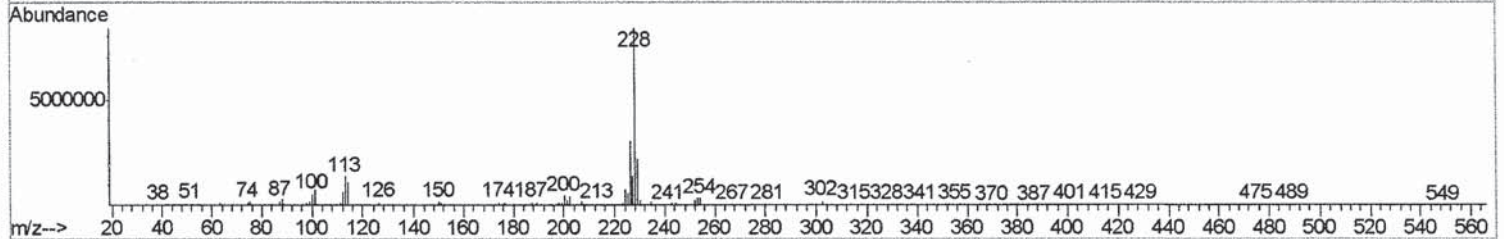
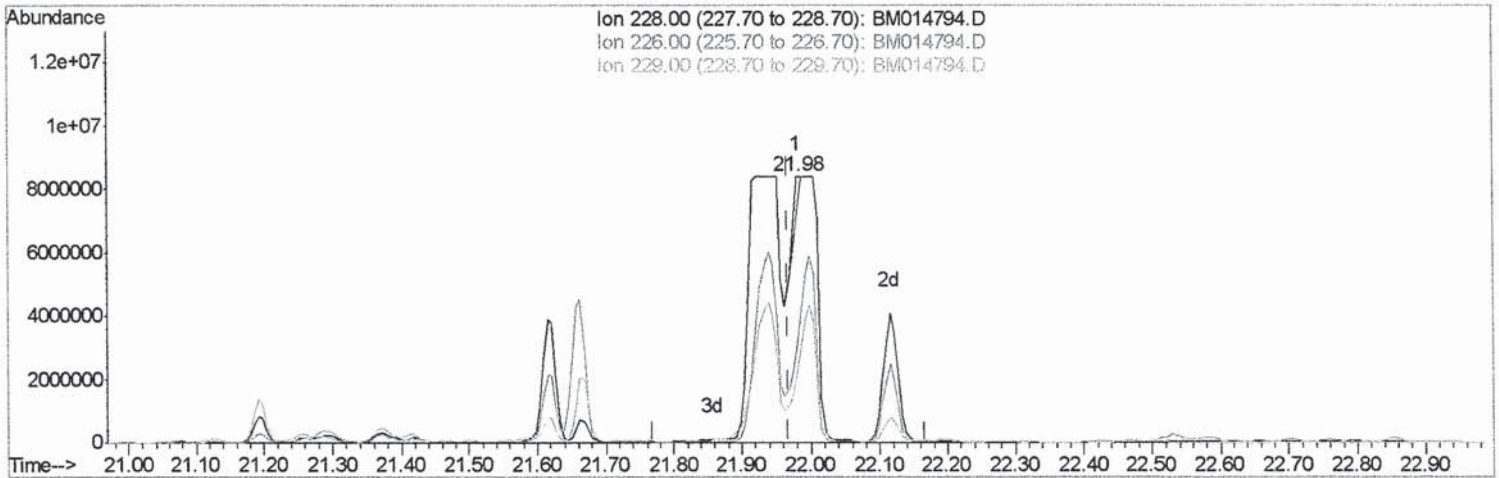
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
 Data File : BM014794.D
 Acq On : 24 Apr 2018 02:05
 Operator : SJ/JU
 Sample : J2431-21MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DASP3MS

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:13:36 PM

Quant Time: Apr 24 04:05:48 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 24 02:13:13 2018
 Response via : Initial Calibration



TIC: BM014794.D

(82) Chrysene

21.980min (+0.012) 14.92ng/ul

response 1409922

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	36.45#
229.00	19.40	26.25#
0.00	0.00	0.00

Quantitation Report (Qedit)

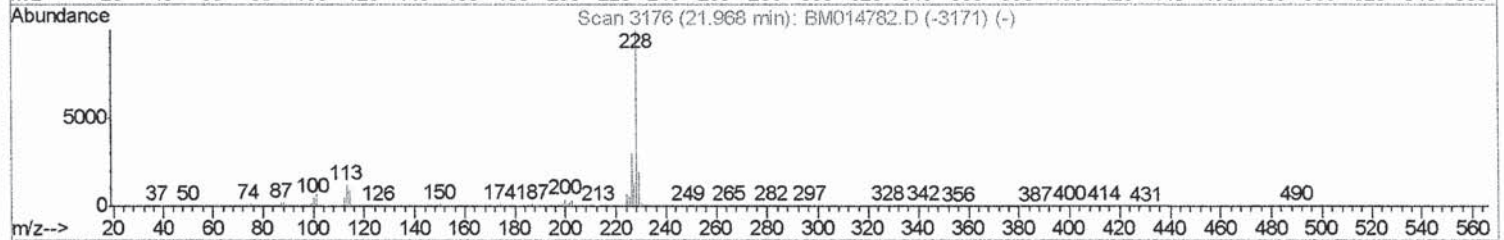
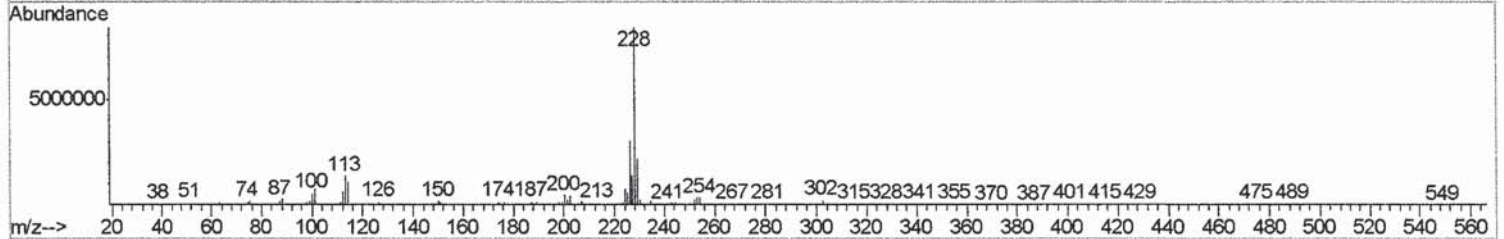
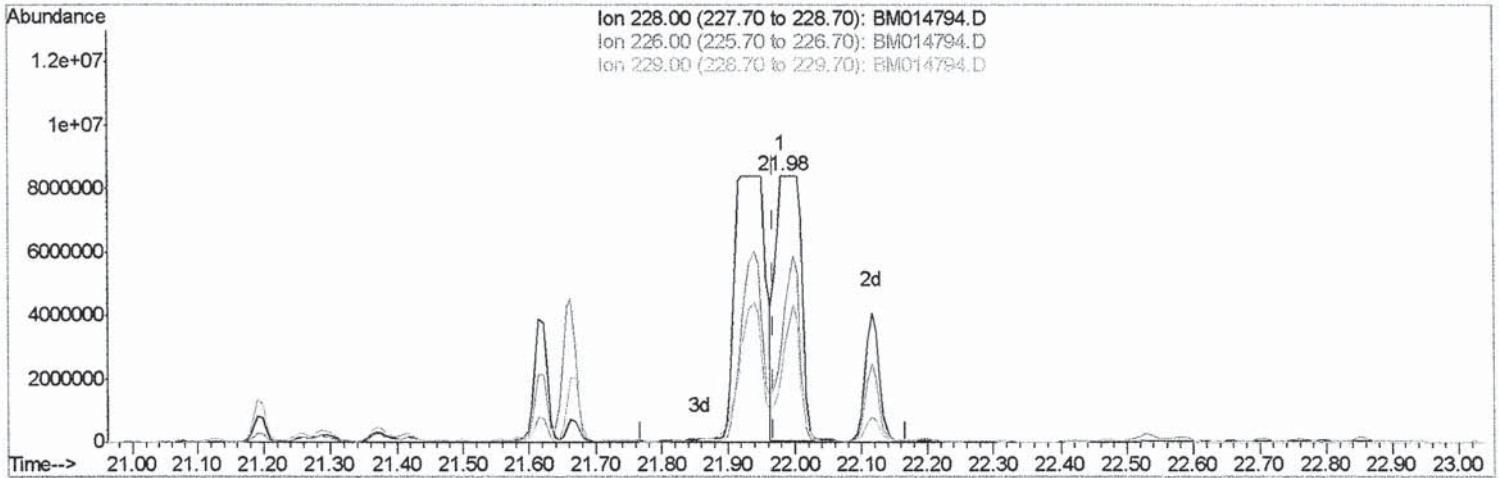
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
 Data File : BM014794.D
 Acq On : 24 Apr 2018 02:05
 Operator : SJ/JU
 Sample : J2431-21MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DASP3MS

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:13:36 PM

Quant Time: Apr 24 04:05:48 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 24 02:13:13 2018
 Response via : Initial Calibration



TIC: BM014794.D

(82) Chrysene

21.980min (+0.012) 233.08ng/ul m) SJ 4/24/18

response 22027906

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	36.45#
229.00	19.40	26.25#
0.00	0.00	0.00

Quantitation Report (Qedit)

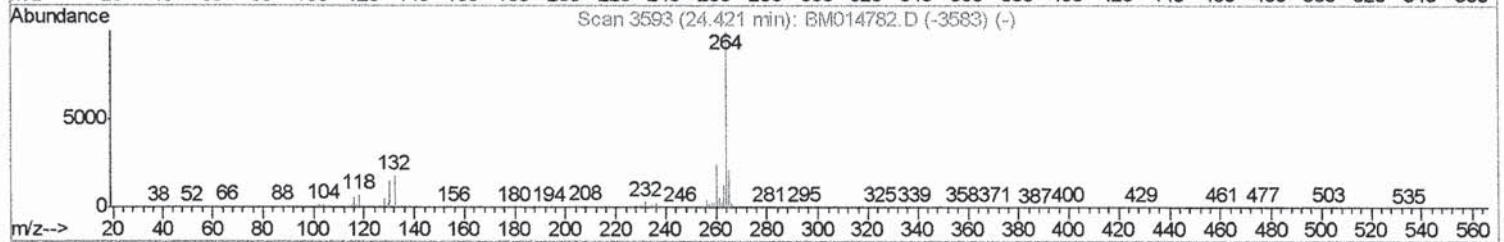
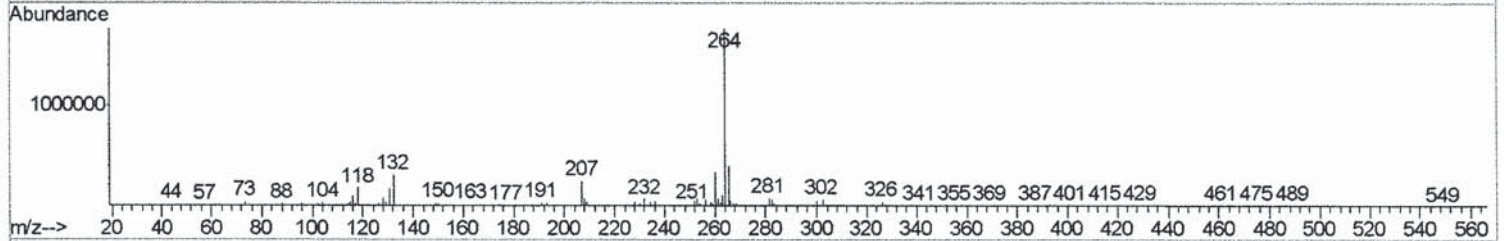
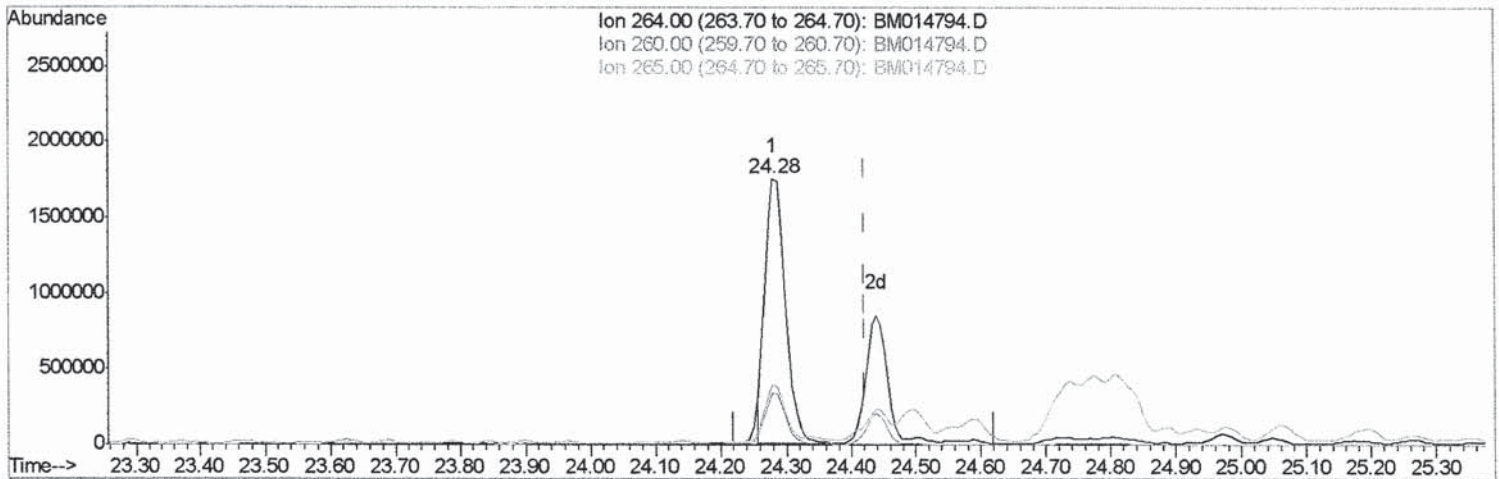
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
 Data File : BM014794.D
 Acq On : 24 Apr 2018 02:05
 Operator : SJ/JU
 Sample : J2431-21MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DASP3MS

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:13:36 PM

Quant Time: Apr 24 04:05:48 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 24 02:13:13 2018
 Response via : Initial Calibration



TIC: BM014794.D

(83) Perylene-d12 (I)

24.280min (-0.141) 20.00ng/ul

response 3729902

Ion	Exp%	Act%
264.00	100	100
260.00	24.20	19.40
265.00	22.50	22.52
0.00	0.00	0.00

Quantitation Report (Qedit)

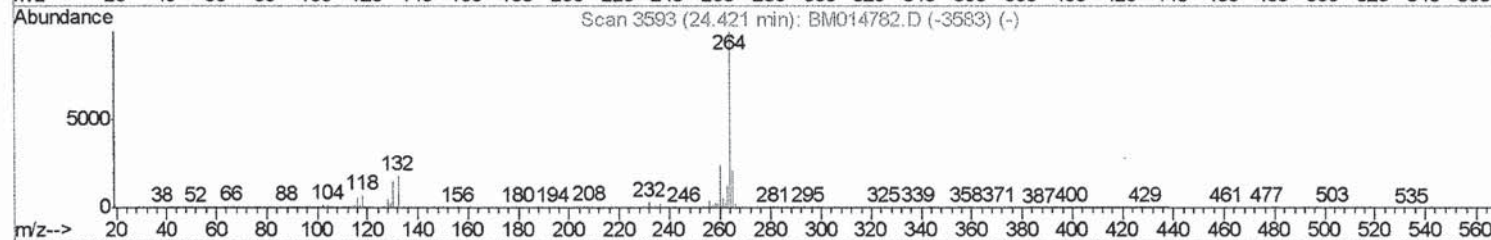
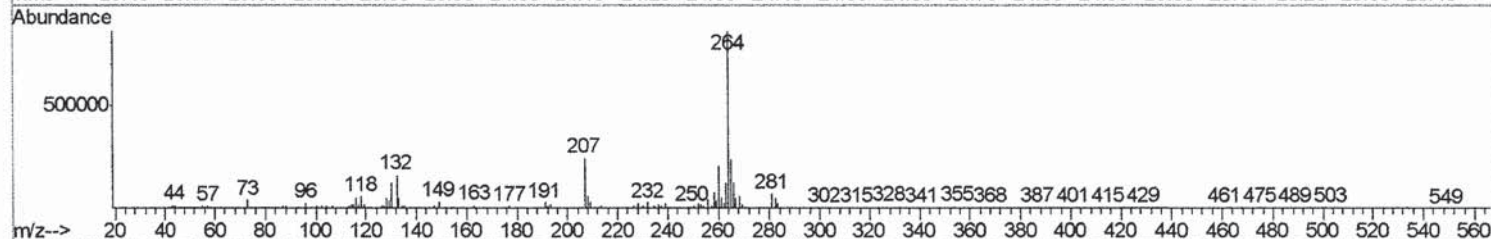
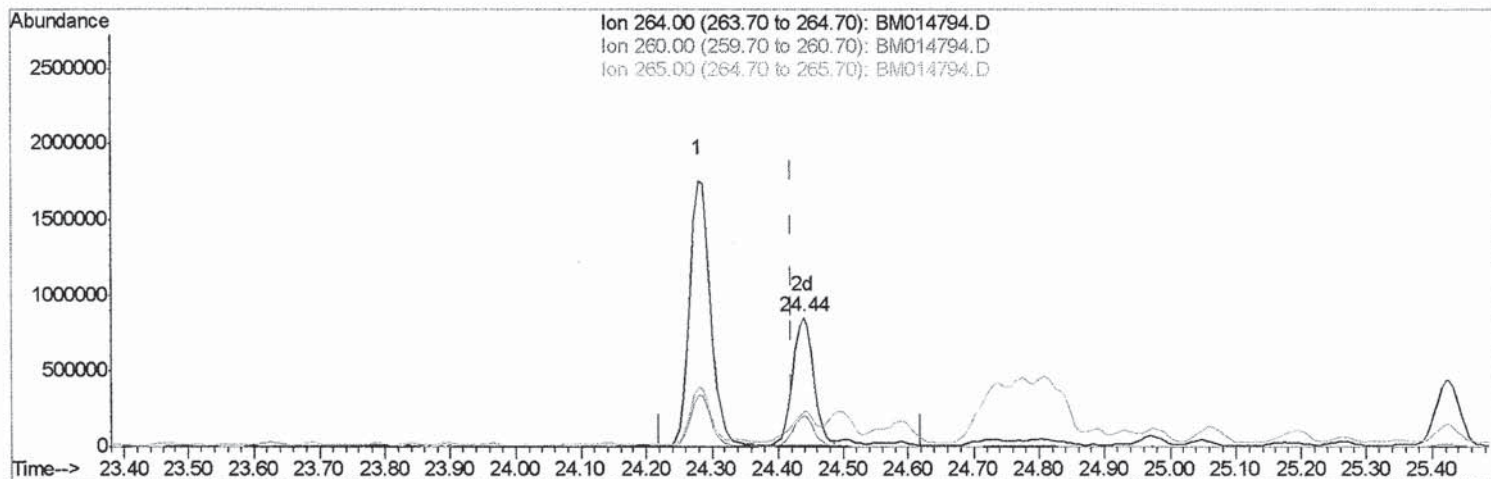
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
 Data File : BM014794.D
 Acq On : 24 Apr 2018 02:05
 Operator : SJ/JU
 Sample : J2431-21MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DASP3MS

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:13:36 PM

Quant Time: Apr 24 04:05:48 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 24 02:13:13 2018
 Response via : Initial Calibration



TIC: BM014794.D

(83) Perylene-d12 (I)

24.438min (+0.018) 20.00ng/ul m) SJ 4/24/18

response 1937490

Ion	Exp%	Act%
264.00	100	100
260.00	24.20	24.14
265.00	22.50	27.26#
0.00	0.00	0.00

Quantitation Report (Qedit)

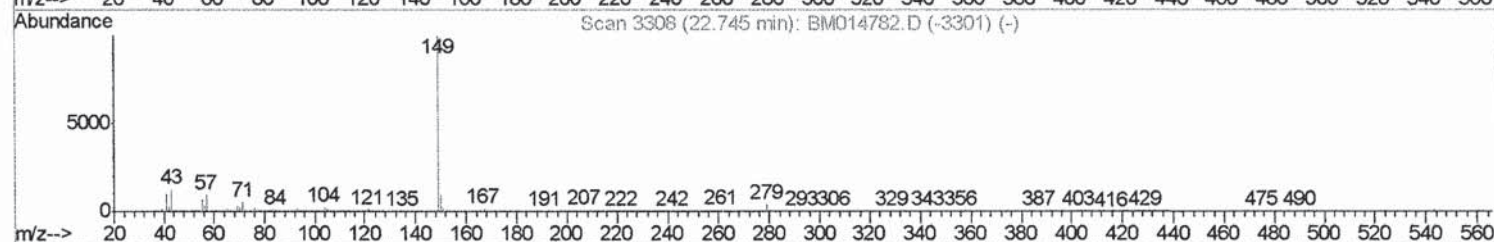
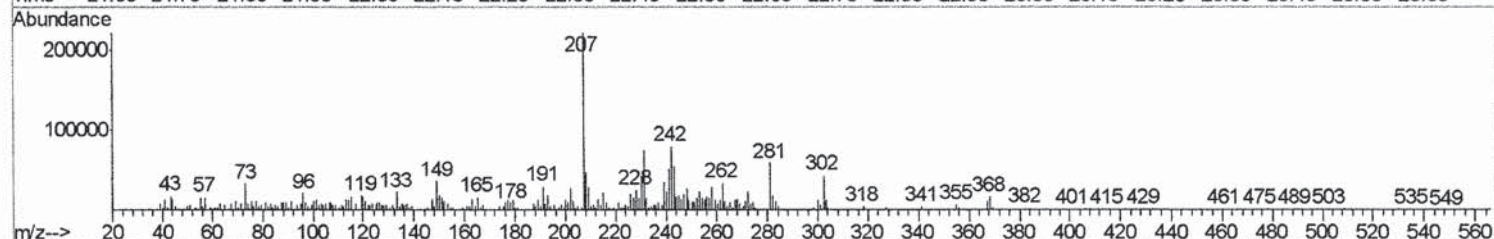
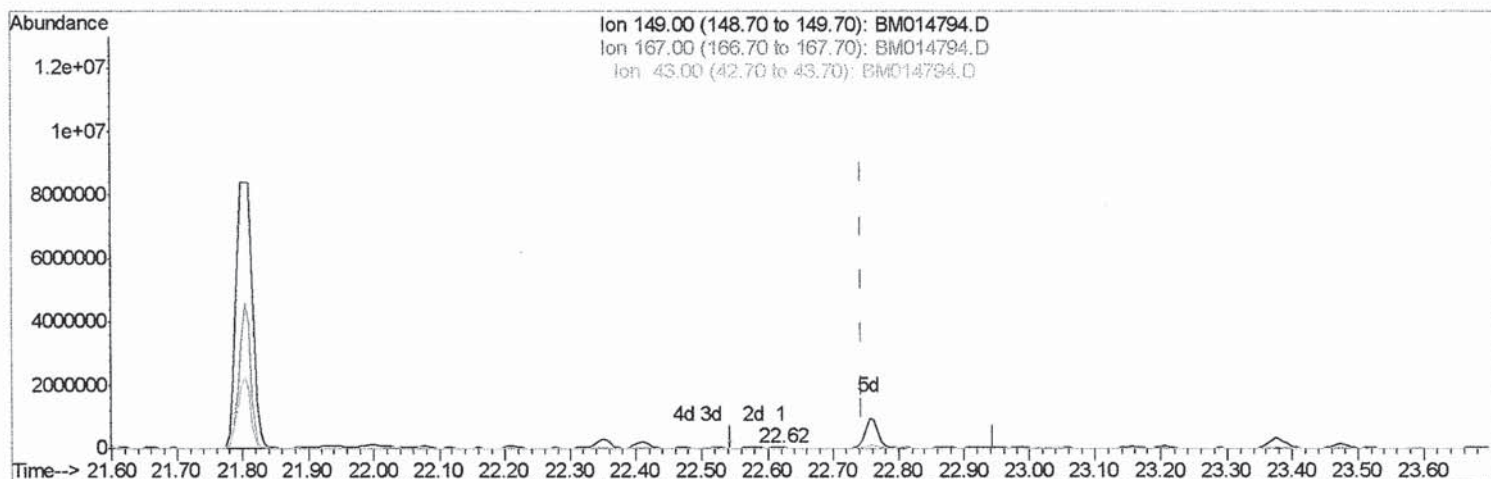
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
 Data File : BM014794.D
 Acq On : 24 Apr 2018 02:05
 Operator : SJ/JU
 Sample : J2431-21MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DASP3MS

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:13:36 PM

Quant Time: Apr 24 04:20:21 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 24 02:13:13 2018
 Response via : Initial Calibration



TIC: BM014794.D

(84) Di-n-octyl phthalate

22.621min (-0.124) 0.30ng/ui

response 32913

Ion	Exp%	Act%
149.00	100	100
167.00	1.60	17.17#
43.00	9.10	47.09#
0.00	0.00	0.00

Quantitation Report (Qedit)

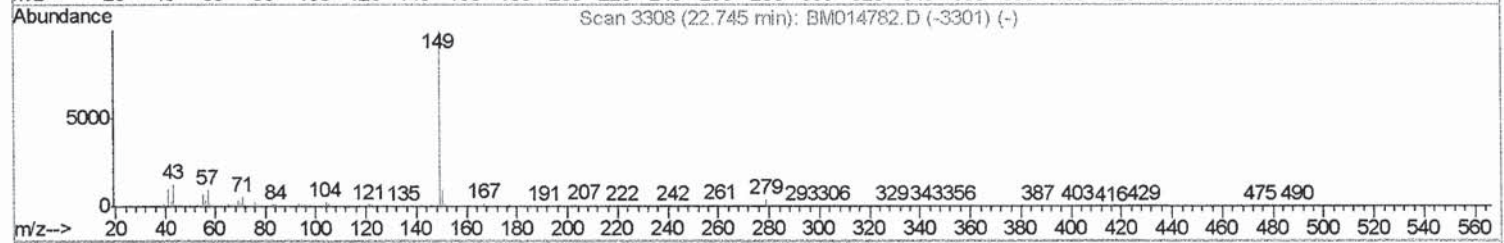
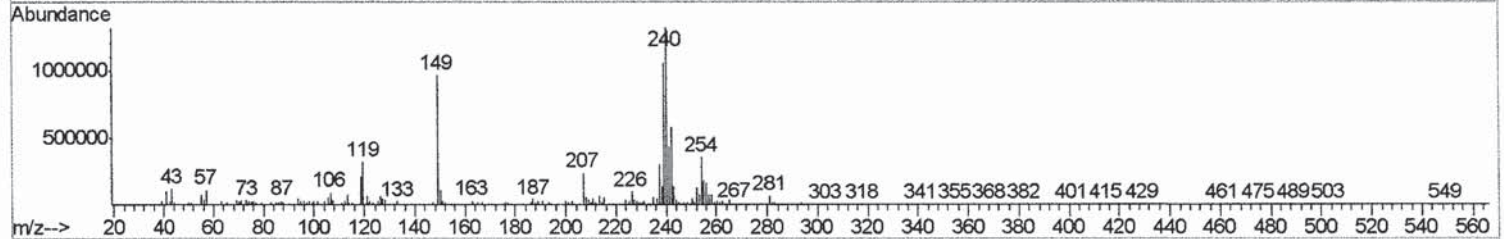
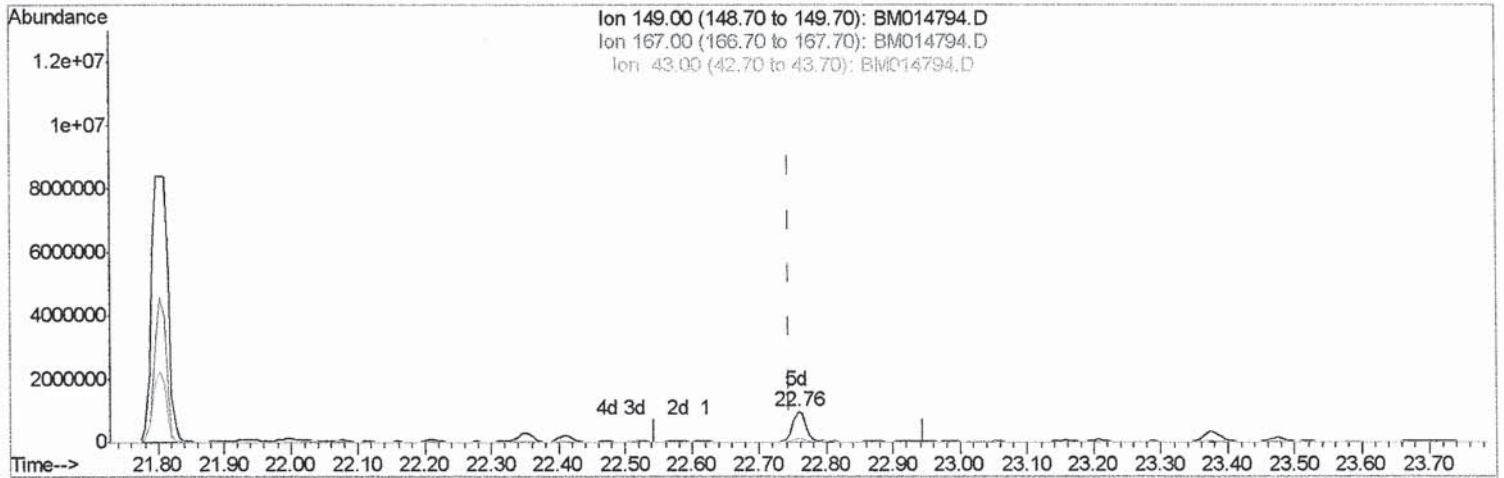
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
 Data File : BM014794.D
 Acq On : 24 Apr 2018 02:05
 Operator : SJ/JU
 Sample : J2431-21MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DASP3MS

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:13:36 PM

Quant Time: Apr 24 04:20:21 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 24 02:13:13 2018
 Response via : Initial Calibration



TIC: BM014794.D

(84) Di-n-octyl phthalate

22.756min (+0.012) 11.94ng/ul m) SJ 4/24/18

response 1331043

Ion	Exp%	Act%
149.00	100	100
167.00	1.60	2.04#
43.00	9.10	12.33#
0.00	0.00	0.00

Quantitation Report (Qedit)

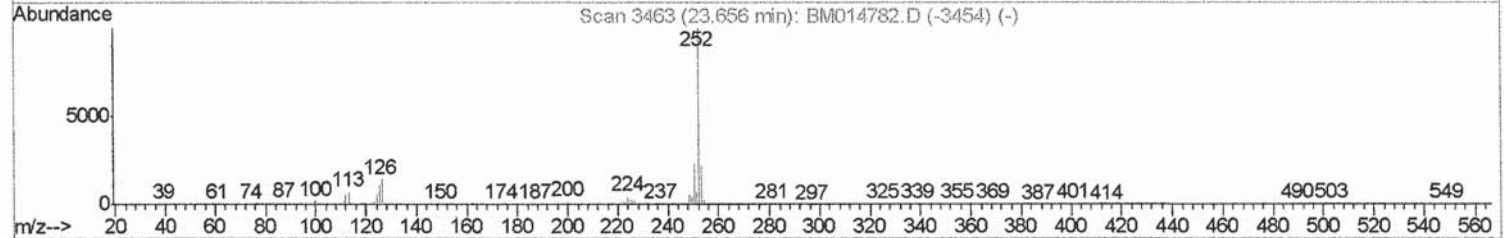
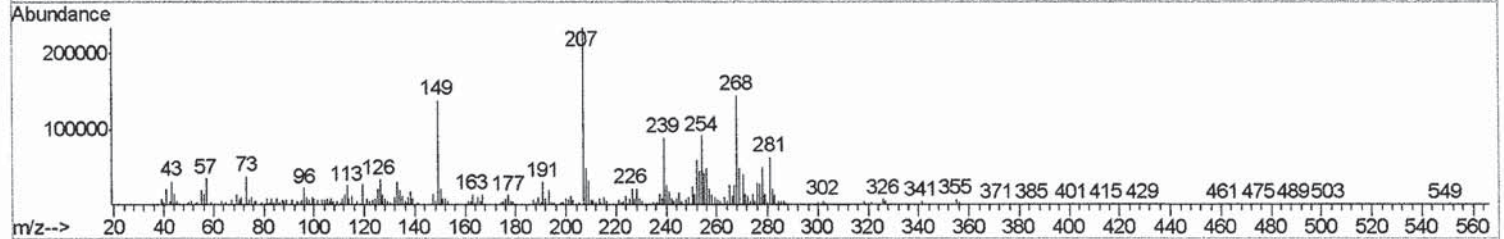
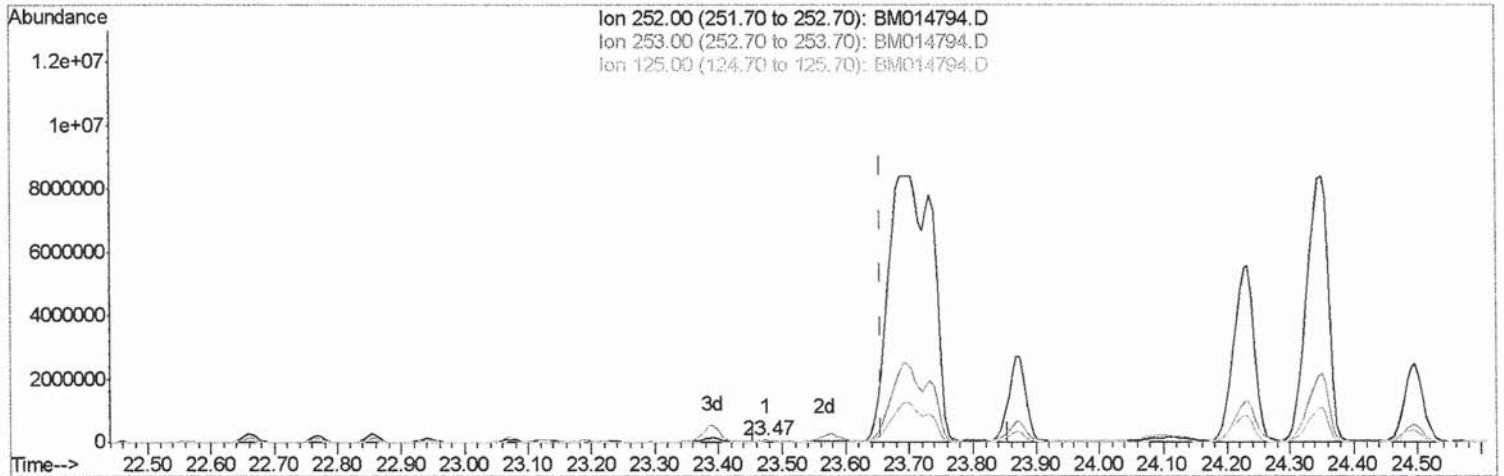
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
 Data File : BM014794.D
 Acq On : 24 Apr 2018 02:05
 Operator : SJ/JU
 Sample : J2431-21MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DASP3MS

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:13:36 PM

Quant Time: Apr 24 04:20:21 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 24 02:13:13 2018
 Response via : Initial Calibration



TIC: BM014794.D

(85) Benzo(b)fluoranthene
 23.474min (-0.182) 0.92ng/ui
 response 104734

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	75.40#
125.00	4.50	36.58#
0.00	0.00	0.00

Quantitation Report (Qedit)

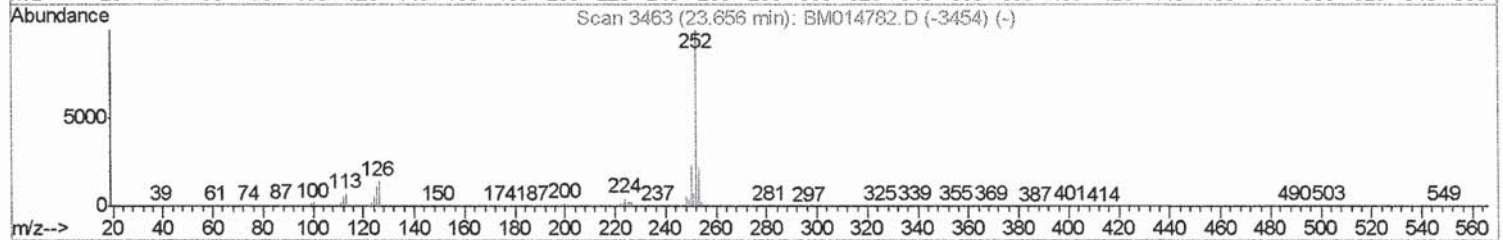
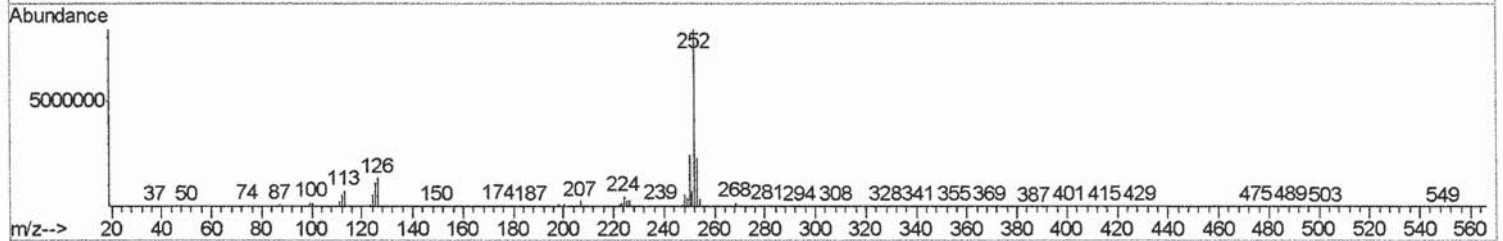
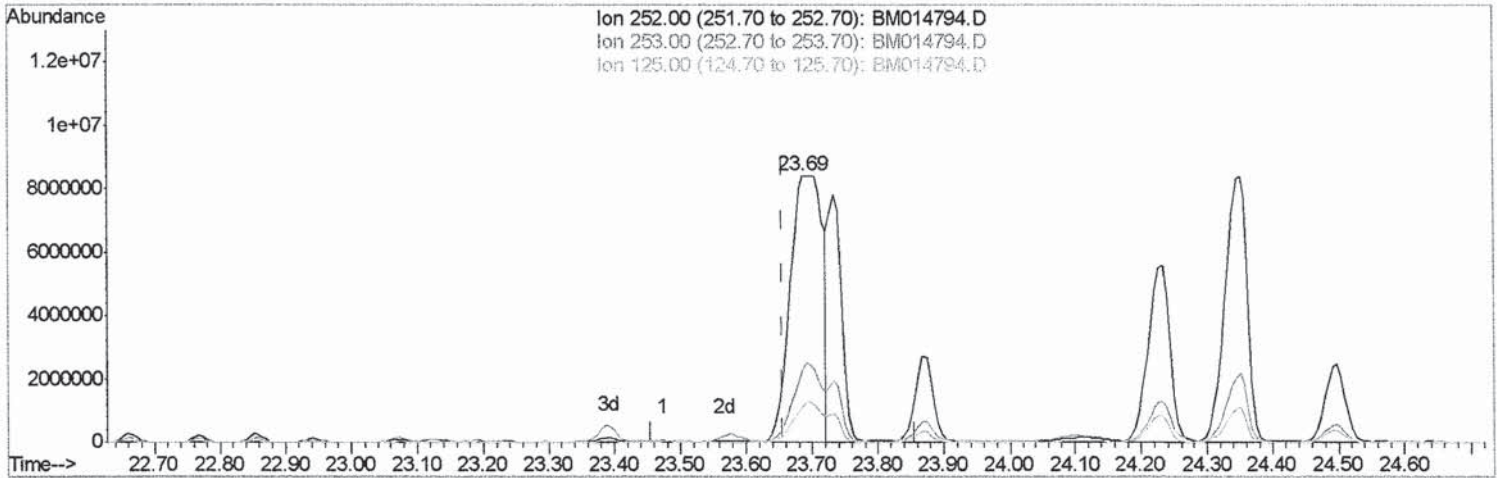
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
 Data File : BM014794.D
 Acq On : 24 Apr 2018 02:05
 Operator : SJ/JU
 Sample : J2431-21MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DASP3MS

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:13:36 PM

Quant Time: Apr 24 04:20:21 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 24 02:13:13 2018
 Response via : Initial Calibration



TIC: BM014794.D

(85) Benzo(b)fluoranthene

23.686min (+0.029) 255.90ng/ul m) SJ ykz-118

response 29227511

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	27.16#
125.00	4.50	13.65#
0.00	0.00	0.00

Quantitation Report (Qedit)

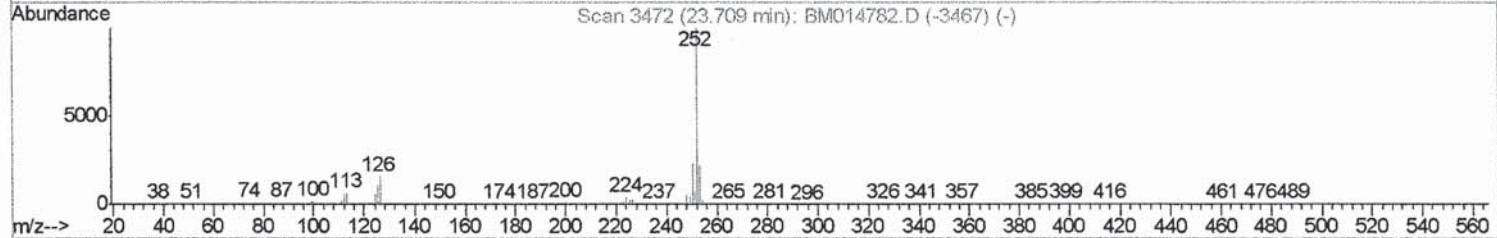
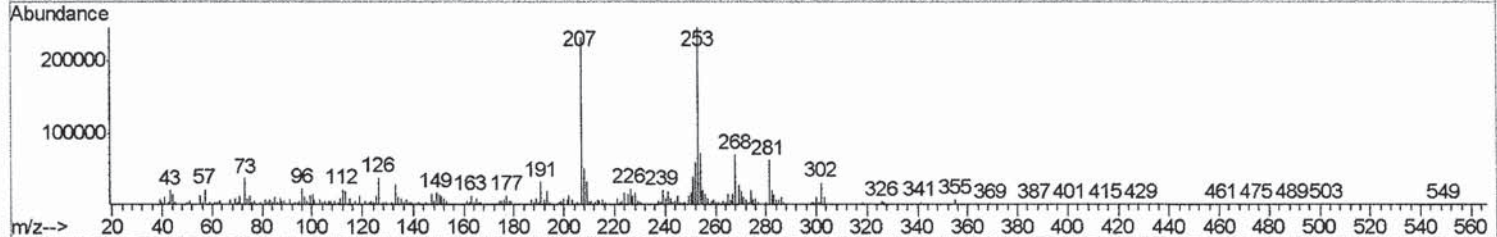
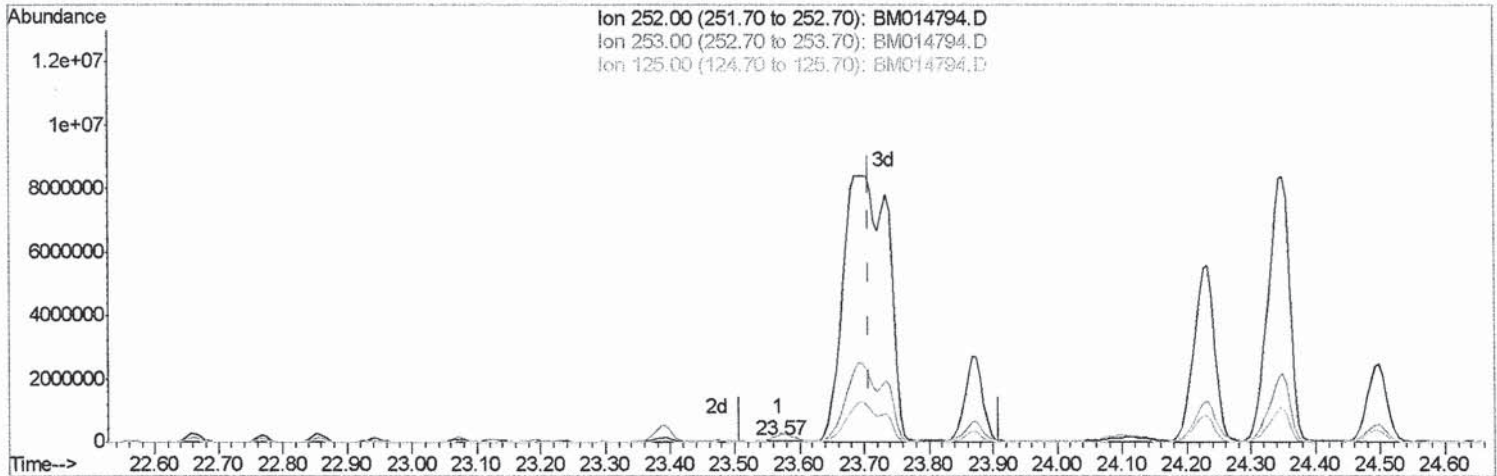
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
 Data File : BM014794.D
 Acq On : 24 Apr 2018 02:05
 Operator : SJ/JU
 Sample : J2431-21MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DASP3MS

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:13:36 PM

Quant Time: Apr 24 04:20:21 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 24 02:13:13 2018
 Response via : Initial Calibration



(86) Benzo(k)fluoranthene
 23.568min (-0.141) 0.94ng/ui
 response 103556

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	418.27#
125.00	4.30	21.40#
0.00	0.00	0.00

Quantitation Report (Qedit)

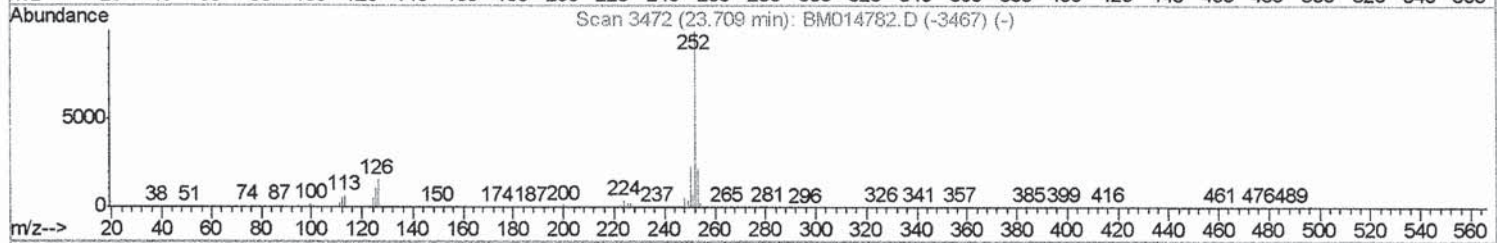
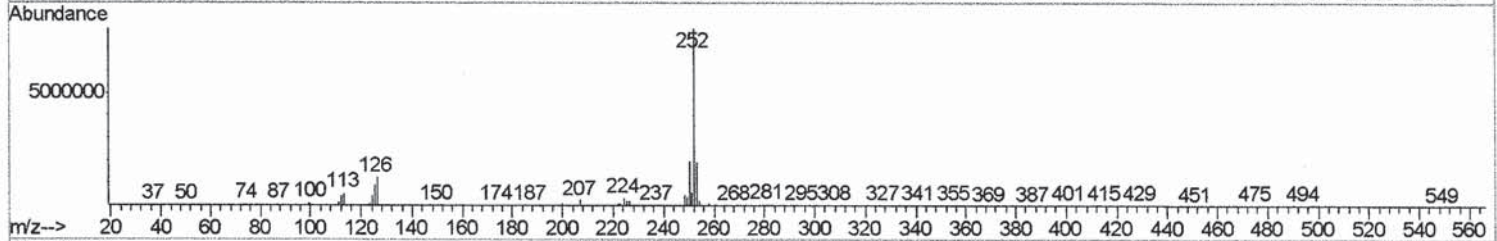
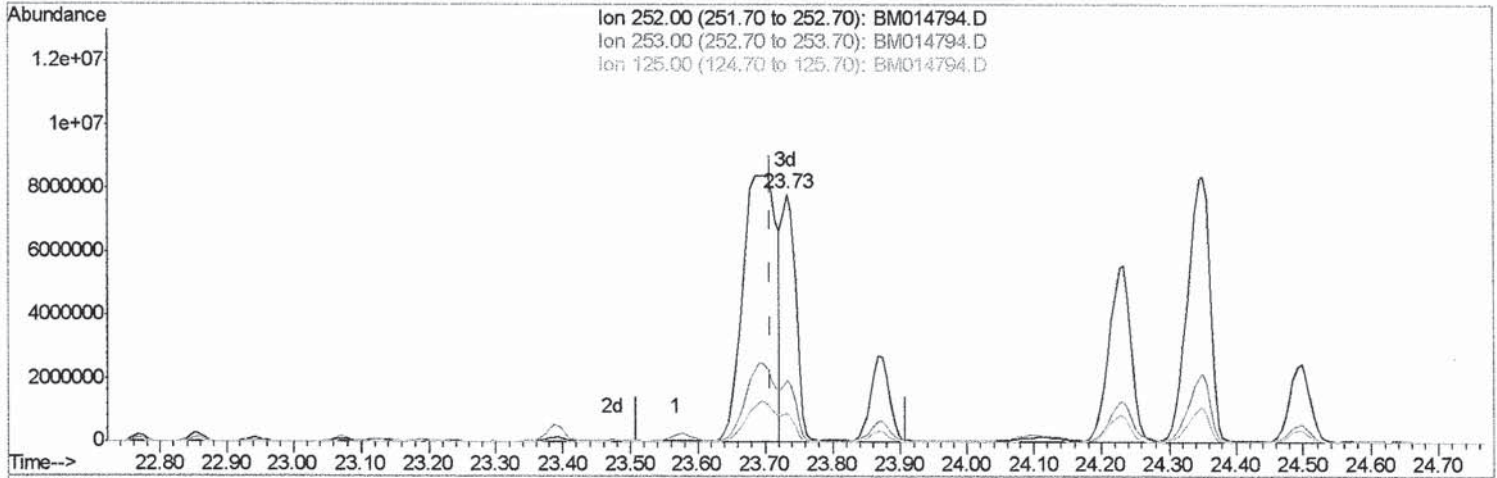
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
 Data File : BM014794.D
 Acq On : 24 Apr 2018 02:05
 Operator : SJ/JU
 Sample : J2431-21MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DASP3MS

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:13:36 PM

Quant Time: Apr 24 04:20:21 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 24 02:13:13 2018
 Response via : Initial Calibration



TIC: BM014794.D

(86) Benzo(k)fluoranthene

23.733min (+0.023) 100.18ng/ul m) SJ 4/24/18

response 11003097

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	24.88
125.00	4.30	11.51#
0.00	0.00	0.00

Quantitation Report (Qedit)

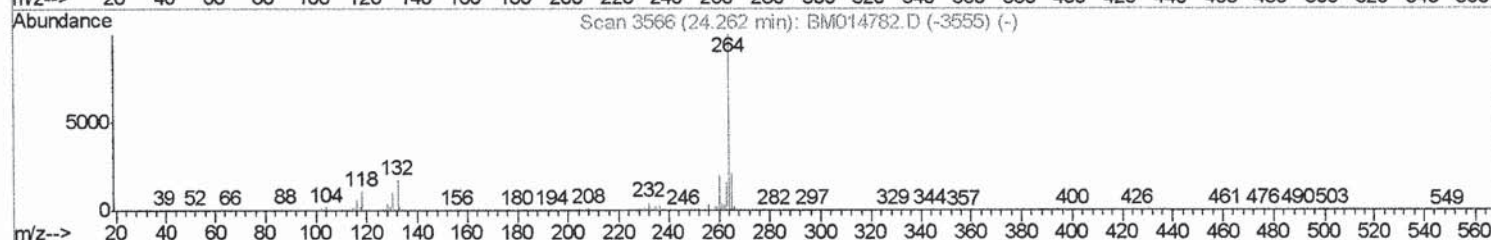
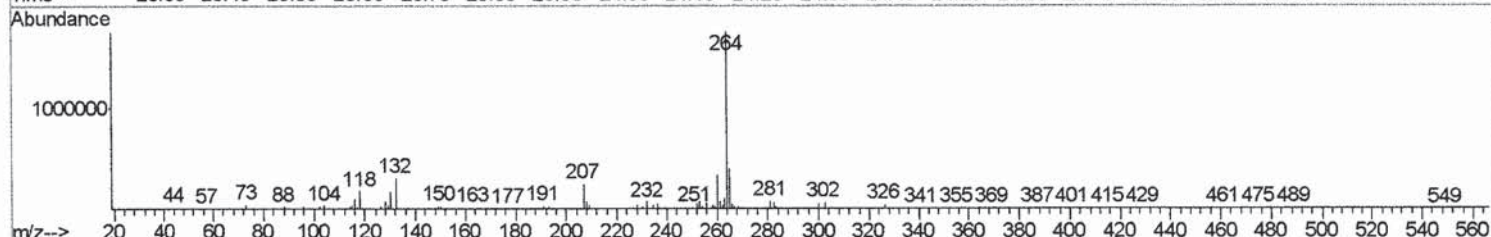
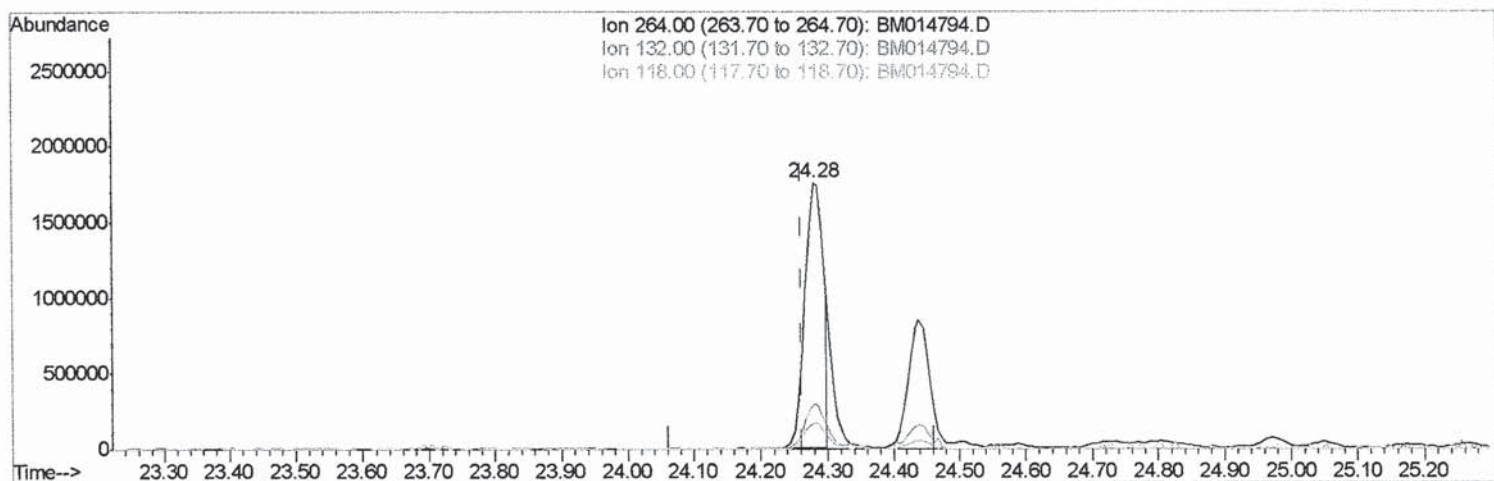
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
 Data File : BM014794.D
 Acq On : 24 Apr 2018 02:05
 Operator : SJ/JU
 Sample : J2431-21MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DASP3MS

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:13:36 PM

Quant Time: Apr 24 04:20:21 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 24 02:13:13 2018
 Response via : Initial Calibration



TIC: BM014794.D

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

24.280min (+0.018) 35.58ng/ul

response 3387059

Ion	Exp%	Act%
264.00	100	100
132.00	7.70	17.16#
118.00	5.30	10.10#
0.00	0.00	0.00

Quantitation Report (Qedit)

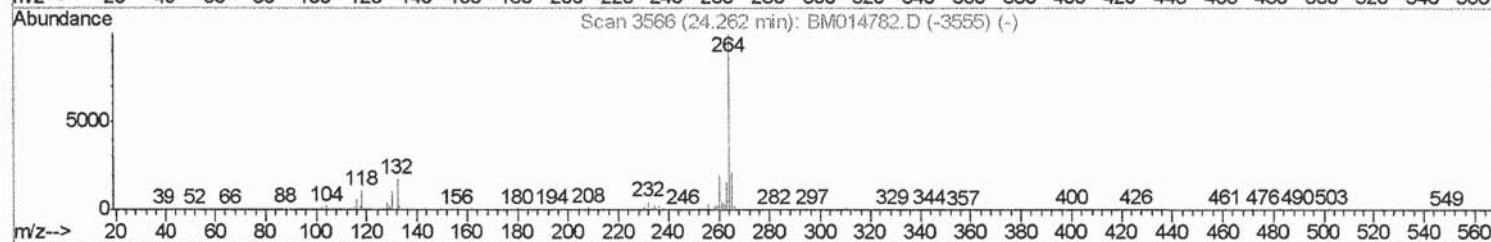
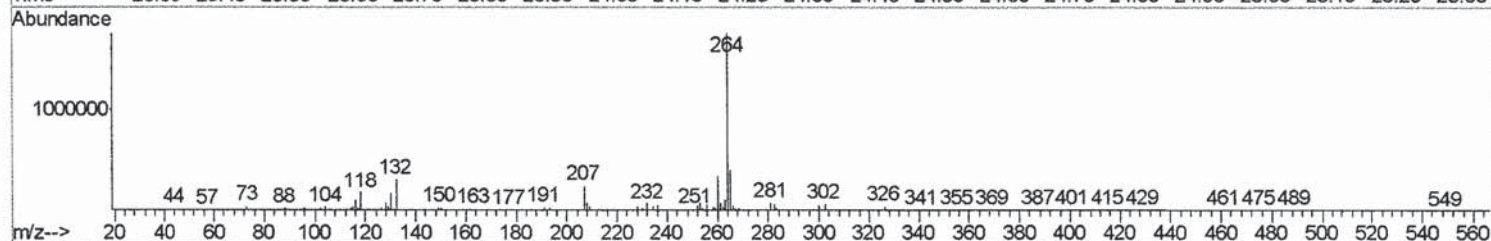
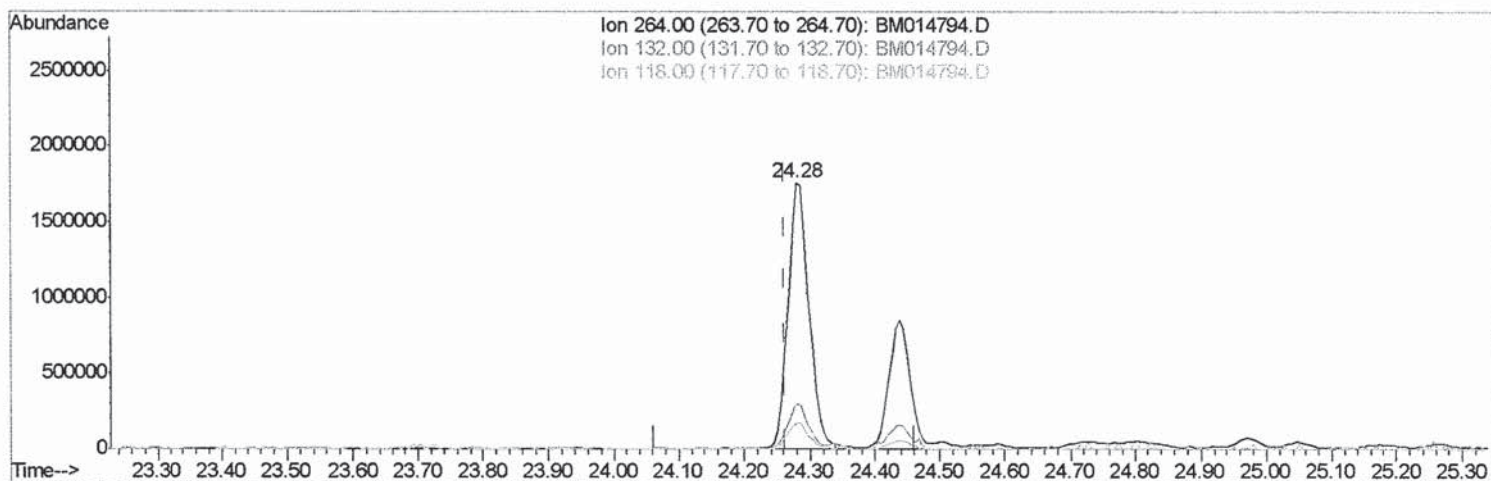
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014794.D
Acq On : 24 Apr 2018 02:05
Operator : SJ/JU
Sample : J2431-21MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DASP3MS

Manual Integrations
APPROVED

Sohil
4/24/2018 7:13:36 PM

Quant Time: Apr 24 04:20:21 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 24 02:13:13 2018
Response via : Initial Calibration



TIC: BM014794.D

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

24.280min (+0.018) 41.22ng/ul m

response 3924057

Ion	Exp%	Act%
264.00	100	100
132.00	7.70	17.16#
118.00	5.30	10.10#
0.00	0.00	0.00

Quantitation Report (Qedit)

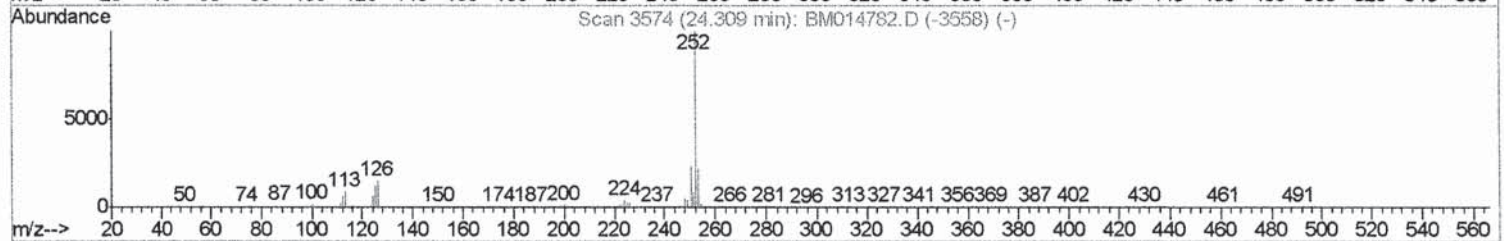
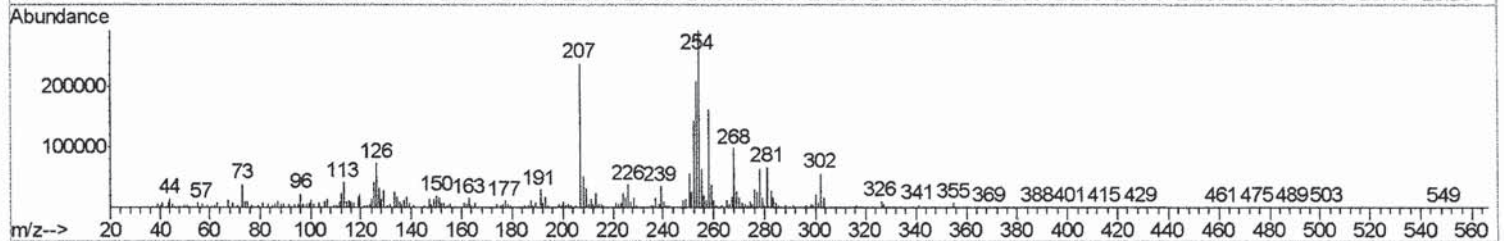
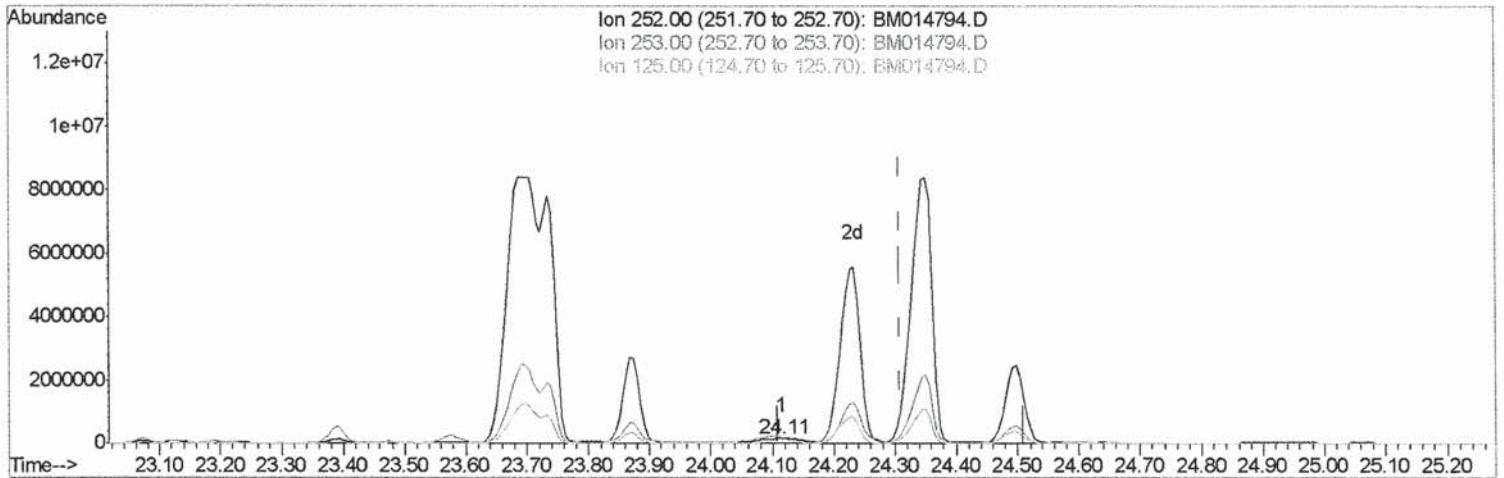
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
 Data File : BM014794.D
 Acq On : 24 Apr 2018 02:05
 Operator : SJ/JU
 Sample : J2431-21MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DASP3MS

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:13:36 PM

Quant Time: Apr 24 04:20:21 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 24 02:13:13 2018
 Response via : Initial Calibration



TIC: BM014794.D

(88) Benzo(a)pyrene (C)

24.115min (-0.194) 5.10ng/ul

response 552649

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	143.18#
125.00	5.00	29.38#
0.00	0.00	0.00

Quantitation Report (Qedit)

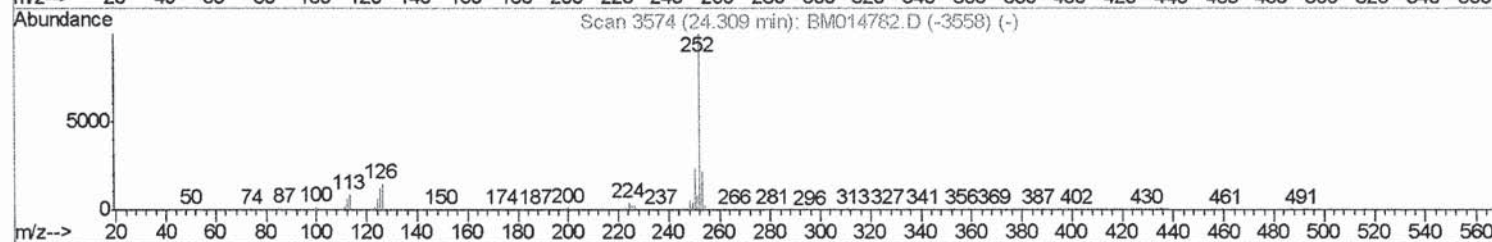
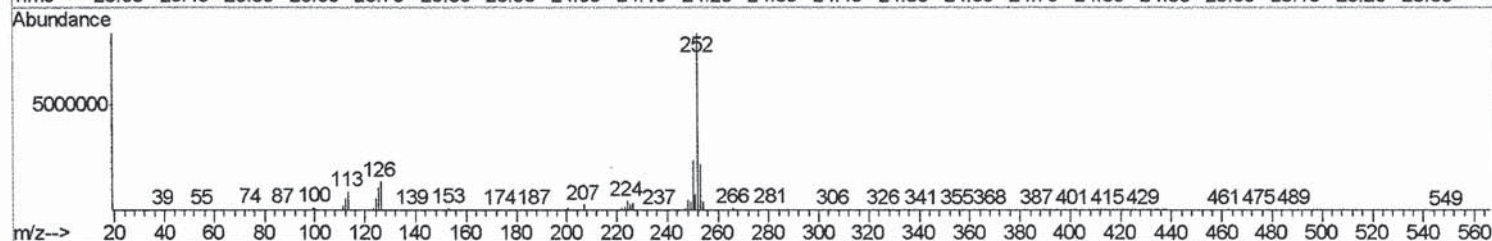
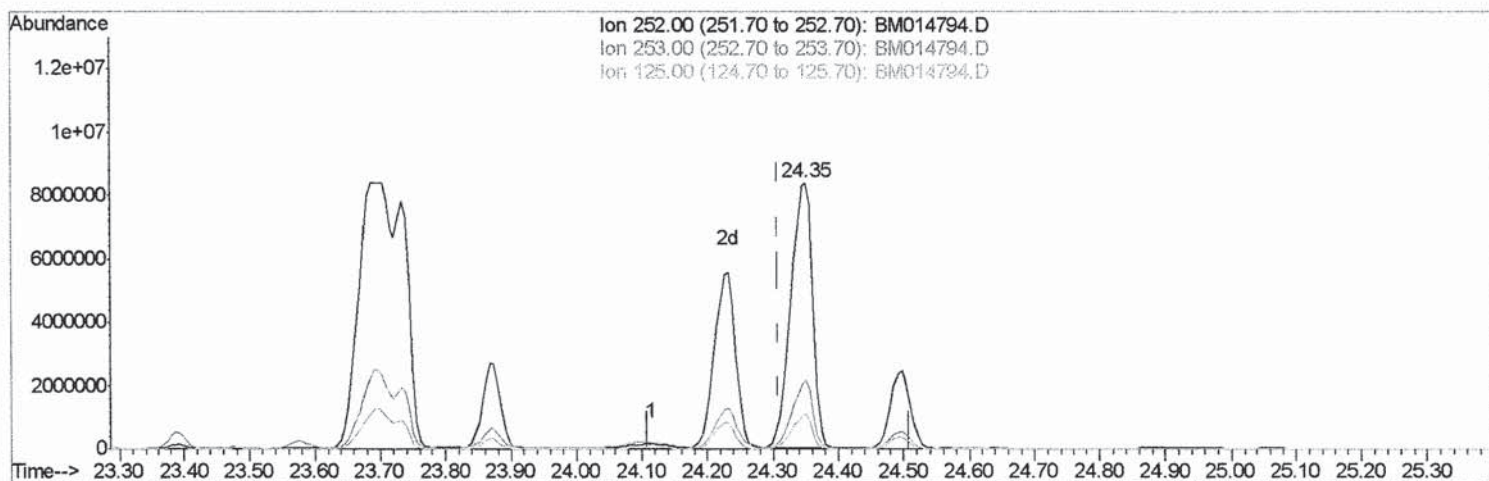
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014794.D
Acq On : 24 Apr 2018 02:05
Operator : SJ/JU
Sample : J2431-21MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DASP3MS

Manual Integrations
APPROVED

Sohil
4/24/2018 7:13:36 PM

Quant Time: Apr 24 04:20:21 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 24 02:13:13 2018
Response via : Initial Calibration



TIC: BM014794.D

(88) Benzo(a)pyrene (C)

24.350min (+0.041) 182.07ng/ul m) SJ 4/24/18

response 19725280

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	25.74
125.00	5.00	13.20#
0.00	0.00	0.00

Quantitation Report (Qedit)

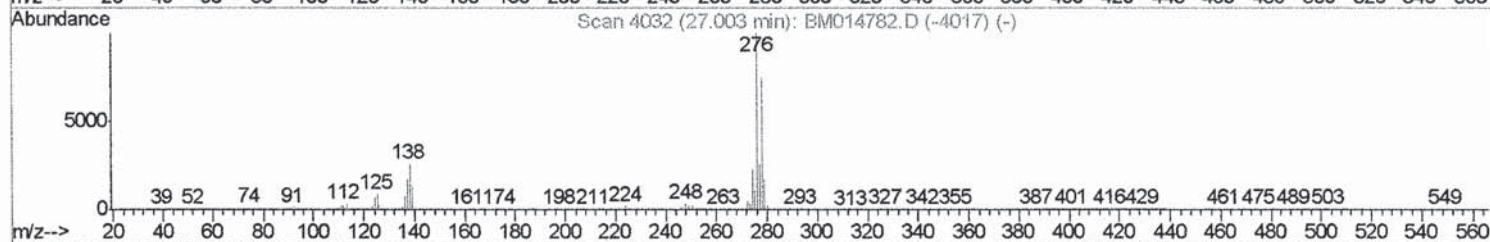
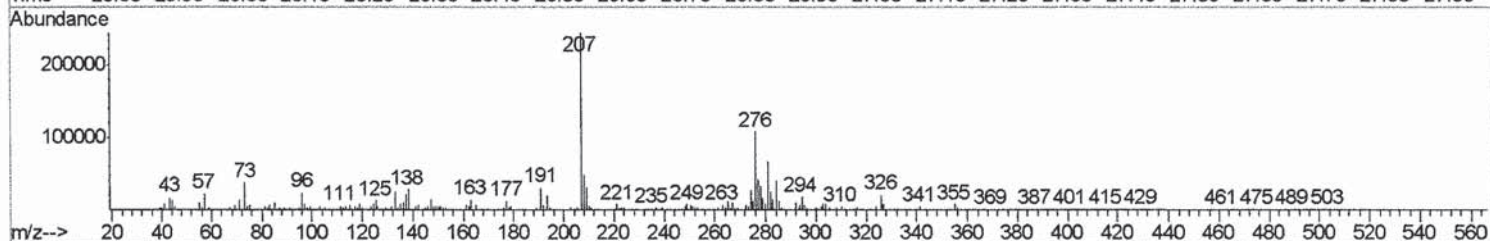
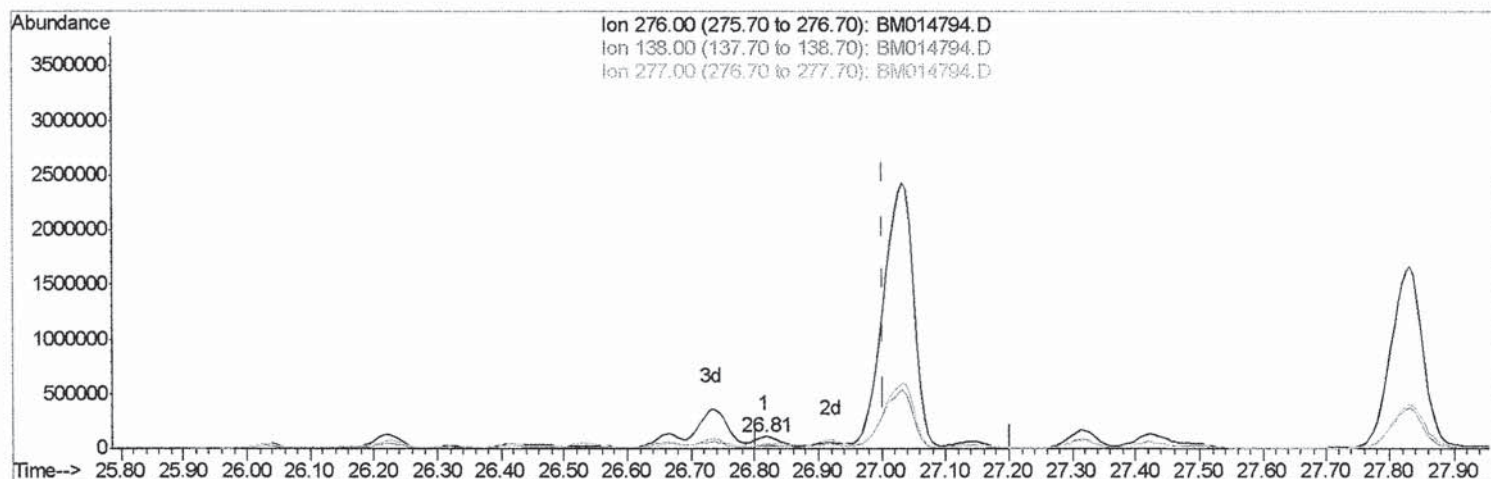
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014794.D
Acq On : 24 Apr 2018 02:05
Operator : SJ/JU
Sample : J2431-21MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DASP3MS

Manual Integrations
APPROVED

Sohil
4/24/2018 7:13:36 PM

Quant Time: Apr 24 04:20:21 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 24 02:13:13 2018
Response via : Initial Calibration



TIC: BM014794.D

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

26.815min (-0.188) 1.74ng/ul

response 227509

Ion	Exp%	Act%
276.00	100	100
138.00	11.60	26.21#
277.00	24.90	38.24#
0.00	0.00	0.00

Quantitation Report (Qedit)

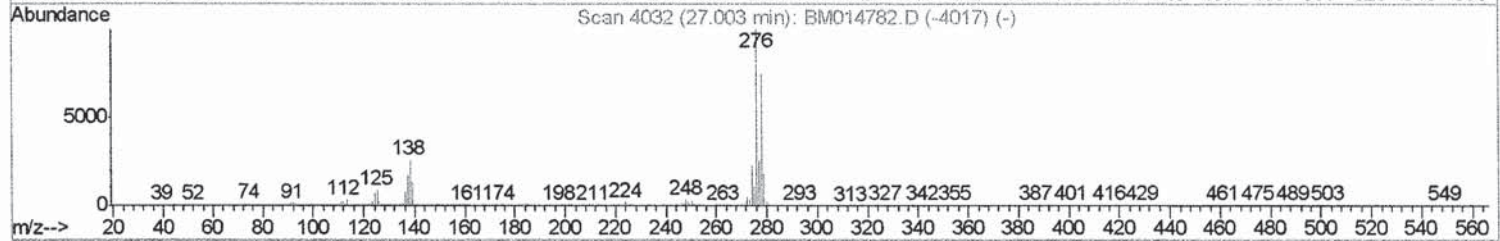
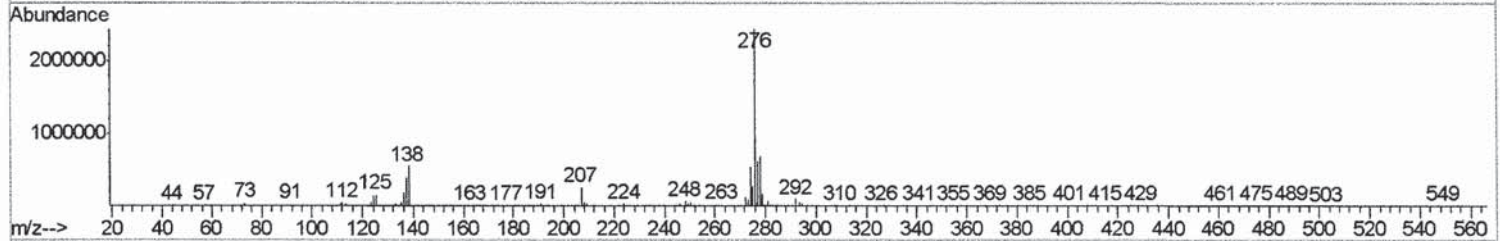
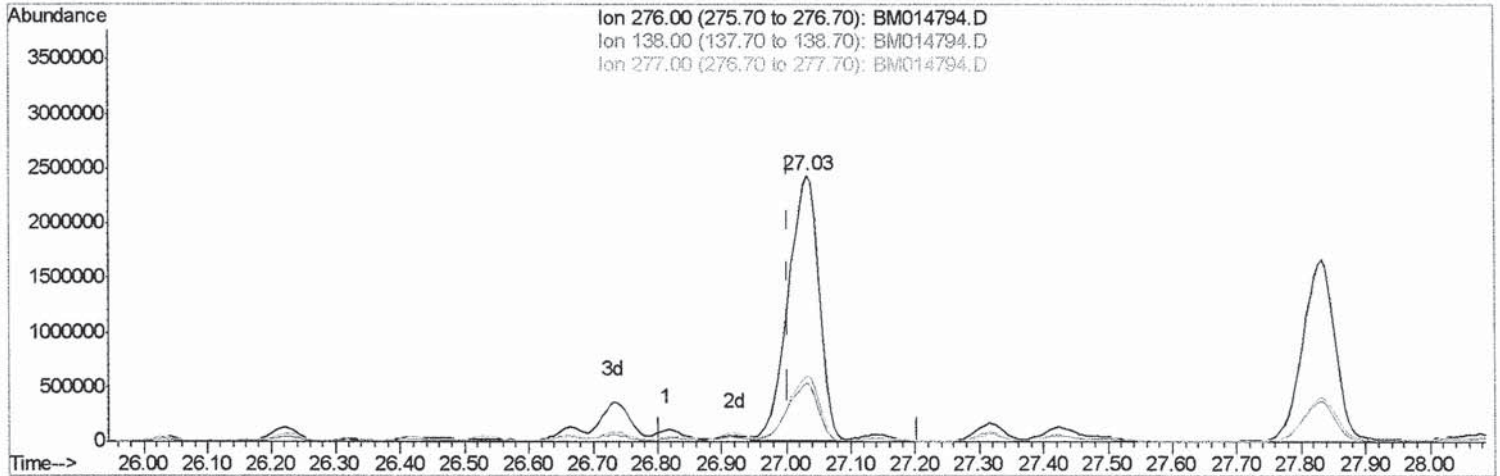
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
 Data File : BM014794.D
 Acq On : 24 Apr 2018 02:05
 Operator : SJ/JU
 Sample : J2431-21MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DASP3MS

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:13:36 PM

Quant Time: Apr 24 04:20:21 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 24 02:13:13 2018
 Response via : Initial Calibration



TIC: BM014794.D

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

27.032min (+0.029) 61.52ng/ul m } SJ 4/27/18

response 8063228

Ion	Exp%	Act%
276.00	100	100
138.00	11.60	22.31#
277.00	24.90	25.17
0.00	0.00	0.00

Quantitation Report (Qedit)

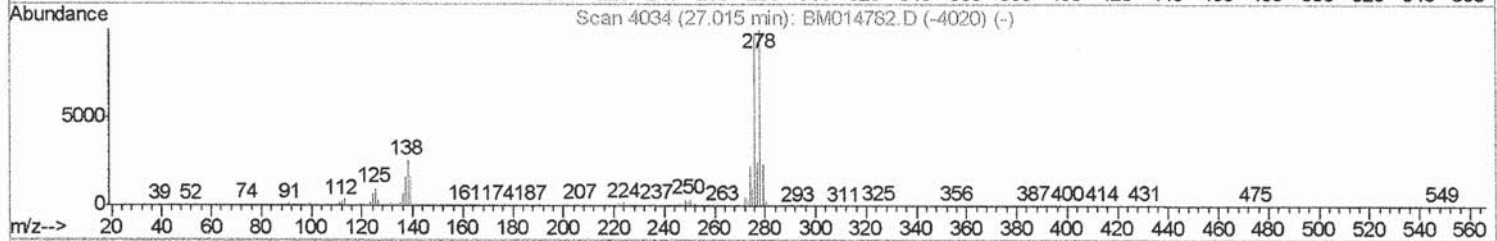
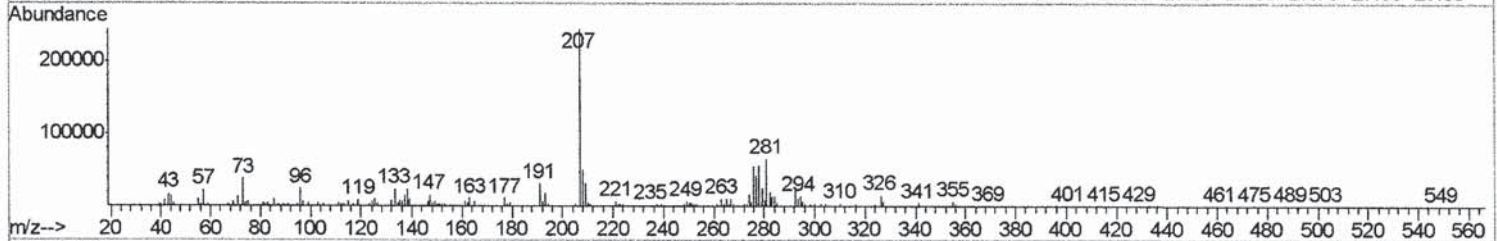
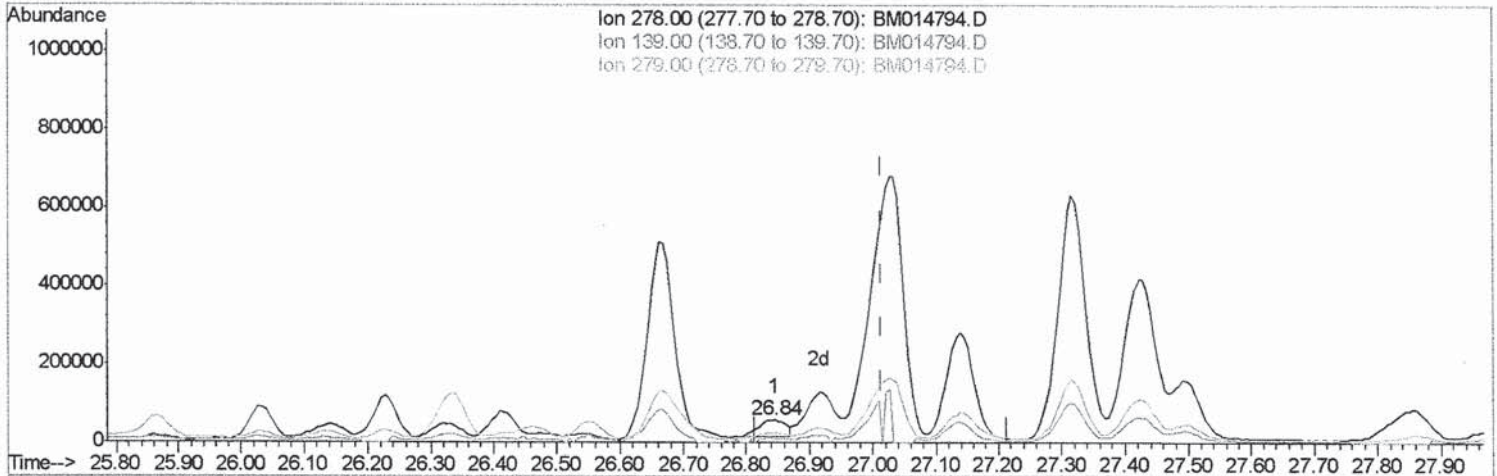
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
 Data File : BM014794.D
 Acq On : 24 Apr 2018 02:05
 Operator : SJ/JU
 Sample : J2431-21MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DASP3MS

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:13:36 PM

Quant Time: Apr 24 04:20:21 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 24 02:13:13 2018
 Response via : Initial Calibration



TIC: BM014794.D

(90) Dibenzo(a,h)anthracene

26.844min (-0.171) 1.12ng/ul

response 123589

Ion	Exp%	Act%
278.00	100	100
139.00	7.30	17.99#
279.00	23.20	43.19#
0.00	0.00	0.00

Quantitation Report (Qedit)

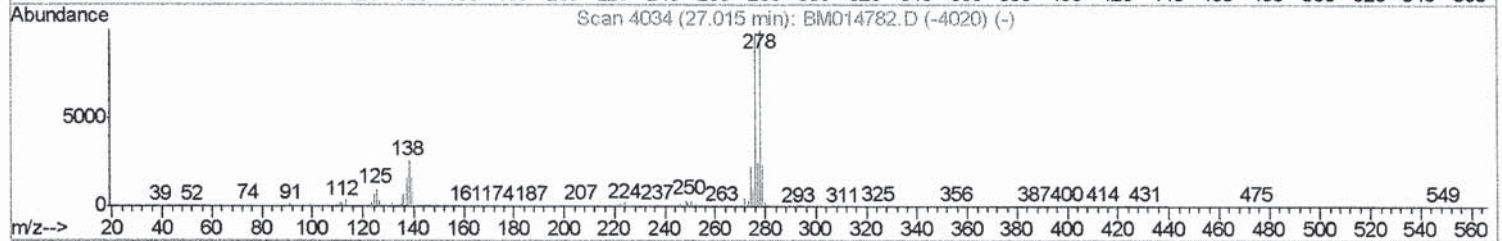
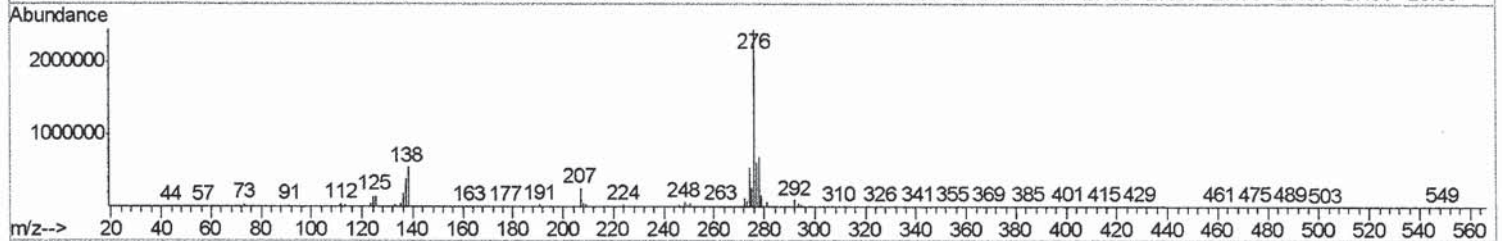
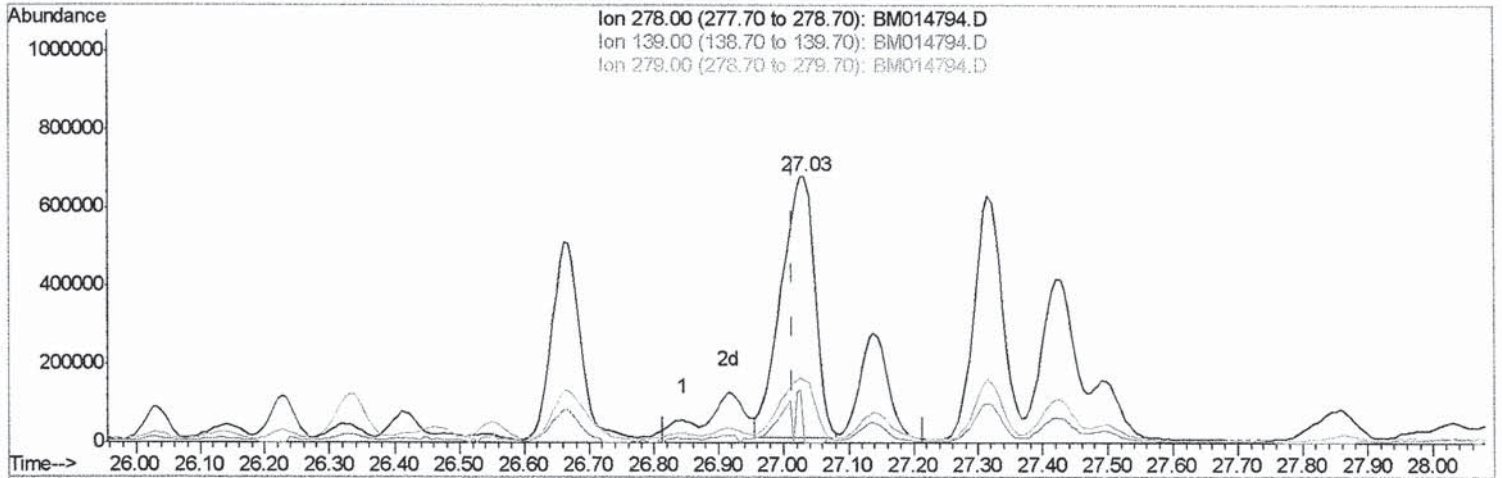
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
 Data File : BM014794.D
 Acq On : 24 Apr 2018 02:05
 Operator : SJ/JU
 Sample : J2431-21MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DASP3MS

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:13:36 PM

Quant Time: Apr 24 04:20:21 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 24 02:13:13 2018
 Response via : Initial Calibration



TIC: BM014794.D

(90) Dibenzo(a,h)anthracene

27.032min (+0.018) 21.69ng/ul m) SJ 4/24/18

response 2393513

Ion	Exp%	Act%
278.00	100	100
139.00	7.30	0.00#
279.00	23.20	23.86
0.00	0.00	0.00

Quantitation Report (Qedit)

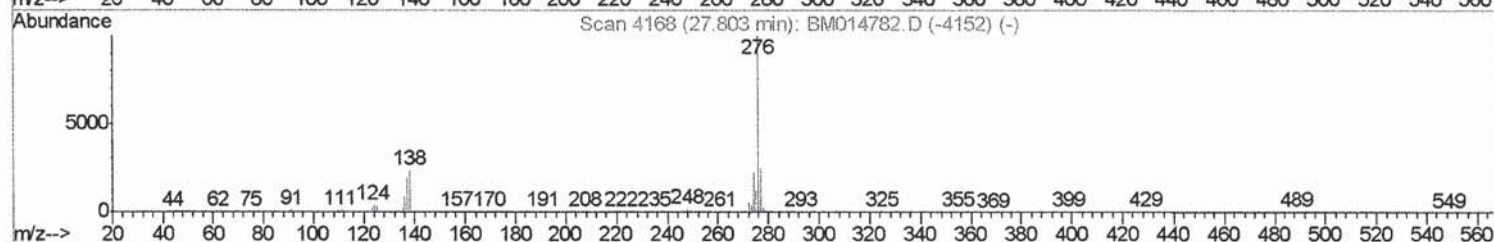
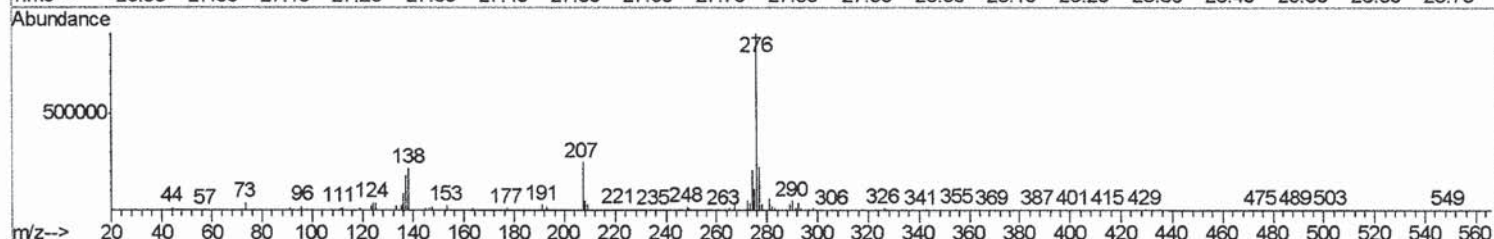
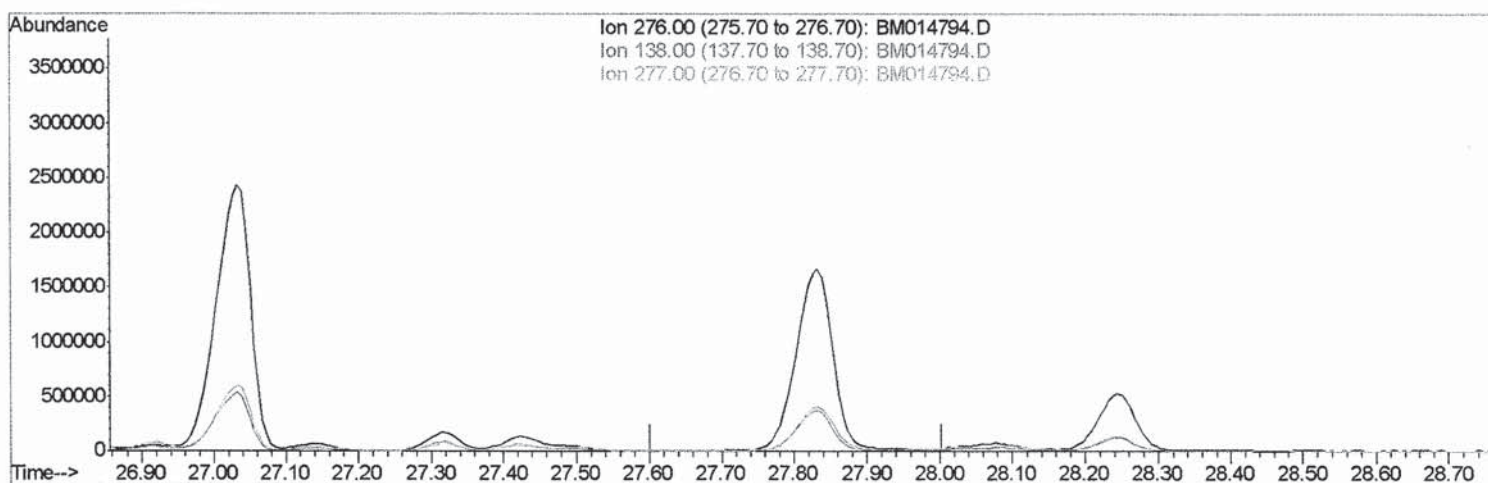
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
 Data File : BM014794.D
 Acq On : 24 Apr 2018 02:05
 Operator : SJ/JU
 Sample : J2431-21MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DASP3MS

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:13:36 PM

Quant Time: Apr 24 04:20:21 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 24 02:13:13 2018
 Response via : Initial Calibration



TIC: BM014794.D

(91) Benzo(g,h,i)perylene
 27.803min (-27.803) 0.00ng/ul
 response 0

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

Quantitation Report (Qedit)

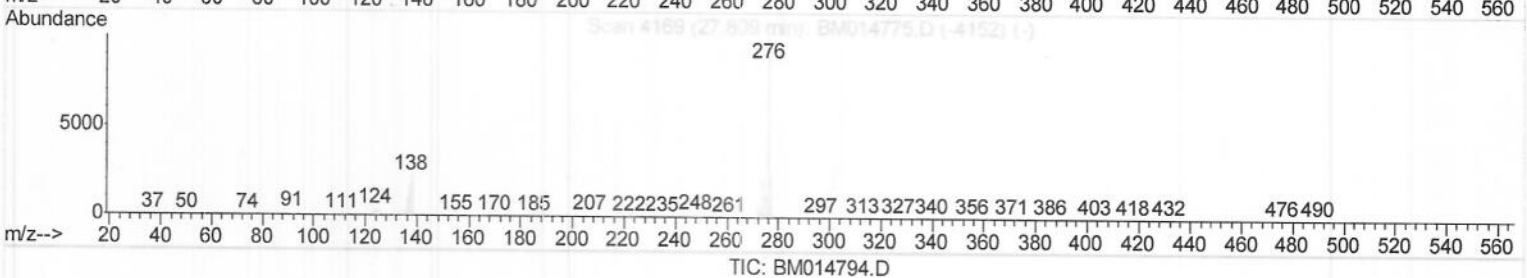
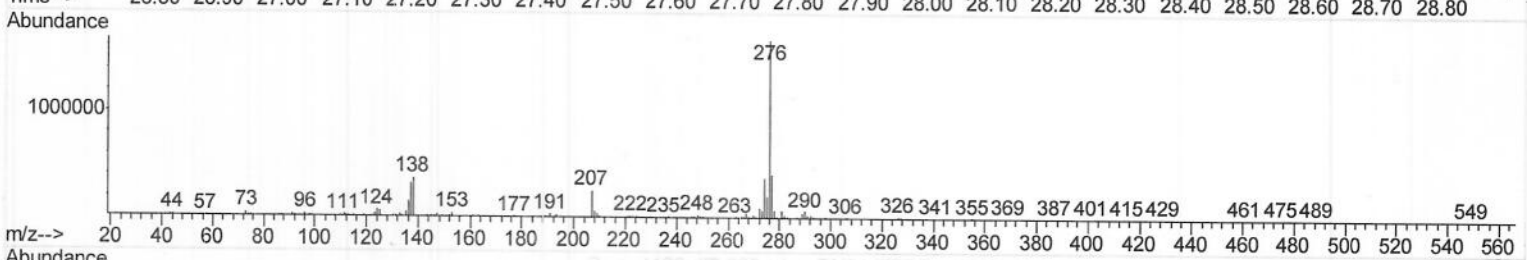
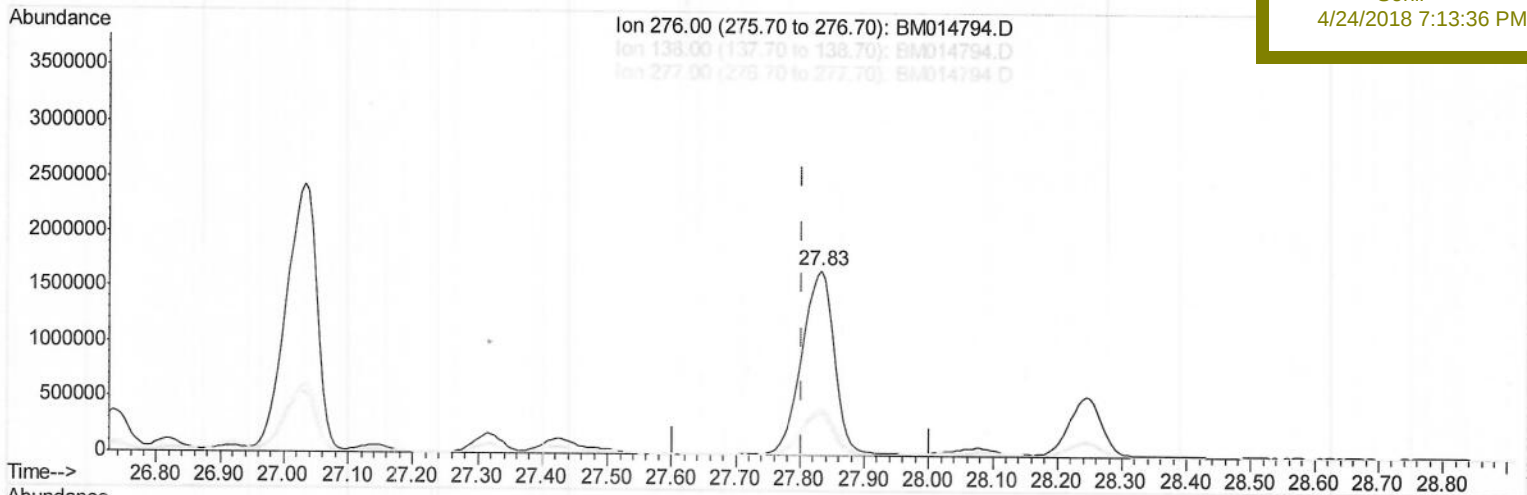
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042318\
 Data File : BM014794.D
 Acq On : 24 Apr 2018 02:05
 Operator : SJ/JU
 Sample : J2431-21MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Apr 24 04:29:57 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 24 02:13:13 2018
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DASP3MS

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:13:36 PM



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

27.832min (+0.029) 54.32ng/ul m

response 5857597

Ion	Exp%	Act%
276.00	100	100
138.00	10.60	22.21#
277.00	23.30	24.76
0.00	0.00	0.00

SJ 4/27/18

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
 Data File : BM014794.D
 Acq On : 24 Apr 2018 02:05
 Operator : SJ/JU
 Sample : J2431-21MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DASP3MS

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:13:36 PM

Quant Time: Apr 24 04:29:57 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 24 02:13:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.53	152	412304	20.00	ng/ul	0.00
18) Naphthalene-d8	11.37	136	1692279	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.13	164	868202	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.86	188	1749697	20.00	ng/ul	0.02
75) Chrysene-d12	21.95	240	1726370	20.00	ng/ul	0.02
83) Perylene-d12	24.44	264	1937490m)	20.00	ng/ul	0.02

SJ 4/24/18

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.66	96	61822	6.55	ng/uL	0.00
5) Phenol-d5	7.65	99	1150144	36.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	781647	38.24	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	961827	36.07	ng/ul	0.00
13) 4-Methylphenol-d8	9.23	113	890192	35.02	ng/ul	0.00
19) Nitrobenzene-d5	9.71	128	455967	37.27	ng/ul	0.00
22) 2-Nitrophenol-d4	10.44	143	482839	39.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.97	165	854525	34.52	ng/ul	0.00
29) 4-Chloroaniline-d4	11.49	131	1104632	45.21	ng/ul	0.00
43) Dimethylphthalate-d6	14.52	166	2537089	37.44	ng/ul	0.00
46) Acenaphthylene-d8	14.83	160	3055825	36.51	ng/ul	0.00
51) 4-Nitrophenol-d4	15.29	143	421061	33.48	ng/ul	0.00
57) Fluorene-d10	16.11	176	2177315	36.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.24	200	137976	14.57	ng/ul	0.04
70) Anthracene-d10	17.97	188	3263247	40.02	ng/ul	0.03
76) Pyrene-d10	20.20	212	3306334	40.48	ng/ul	0.02
87) Benzo(a)pyrene-d12	24.28	264	3924057m)	41.22	ng/ul	0.02

SJ 4/24/18

Target Compounds

					Ovalue	
6) Phenol	7.67	94	1361580	43.417	ng/ul#	79
10) 2-Chlorophenol	8.08	128	979260	37.293	ng/ul	96
15) N-Nitroso-di-n-propylamine	9.34	70	839577	43.436	ng/ul#	78
28) Naphthalene	11.42	128	308644	3.743	ng/ul#	95
33) 4-Chloro-3-methylphenol	12.60	107	957517	40.048	ng/ul	92
34) 2-Methylnaphthalene	12.99	142	508138	8.873	ng/ul	96
40) 1,1'-Biphenyl	13.97	154	539540	7.728	ng/ul#	98
44) Dimethylphthalate	14.57	163	386273	5.896	ng/ul#	98
47) Acenaphthylene	14.86	152	1252308	15.445	ng/ul	97
49) Acenaphthene	15.20	153	5917931	102.706	ng/ul	97
52) 4-Nitrophenol	15.30	109	296768	32.739	ng/ul#	80
53) Dibenzofuran	15.52	168	6141554	76.756	ng/ul	100
54) 2,4-Dinitrotoluene	15.48	165	888921	50.211	ng/ul#	83
58) Fluorene	16.17	166	13355660	206.717	ng/ul#	97
68) Pentachlorophenol	17.52	266	482889	39.547	ng/ul	98
69) Phenanthrene	17.89	178	42575492m)	453.094	ng/ul	
71) Anthracene	18.00	178	21562990m)	226.114	ng/ul	
72) Carbazole	18.23	167	581095	7.143	ng/ul#	85
74) Fluoranthene	19.85	202	41925088m)	409.234	ng/ul	
77) Pyrene	20.22	202	37065472m)	367.465	ng/ul	
78) Butylbenzylphthalate	21.04	149	1158109	28.143	ng/ul	91
80) Benzo(a)anthracene	21.92	228	26554780m)	263.036	ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.80	149	14640850	242.385	ng/ul#	81

SJ 4/24/18

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
 Data File : BM014794.D
 Acq On : 24 Apr 2018 02:05
 Operator : SJ/JU
 Sample : J2431-21MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DASP3MS

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:13:36 PM

Quant Time: Apr 24 04:29:57 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 24 02:13:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) Chrysene	21.98	228	22027906m	233.078	ng/ul	
84) Di-n-octyl phthalate	22.76	149	1331043m	11.944	ng/ul	
85) Benzo(b)fluoranthene	23.69	252	29227511m	255.902	ng/ul	
86) Benzo(k)fluoranthene	23.73	252	11003097m	100.185	ng/ul	
88) Benzo(a)pyrene	24.35	252	19725280m	182.066	ng/ul	
89) Indeno(1,2,3-cd)pyrene	27.03	276	8063228m	61.521	ng/ul	
90) Dibenzo(a,h)anthracene	27.03	278	2393513m	21.689	ng/ul	
91) Benzo(a,h,i)perylene	27.83	276	5857597m	54.325	ng/ul	

SJ 4/24/18

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