

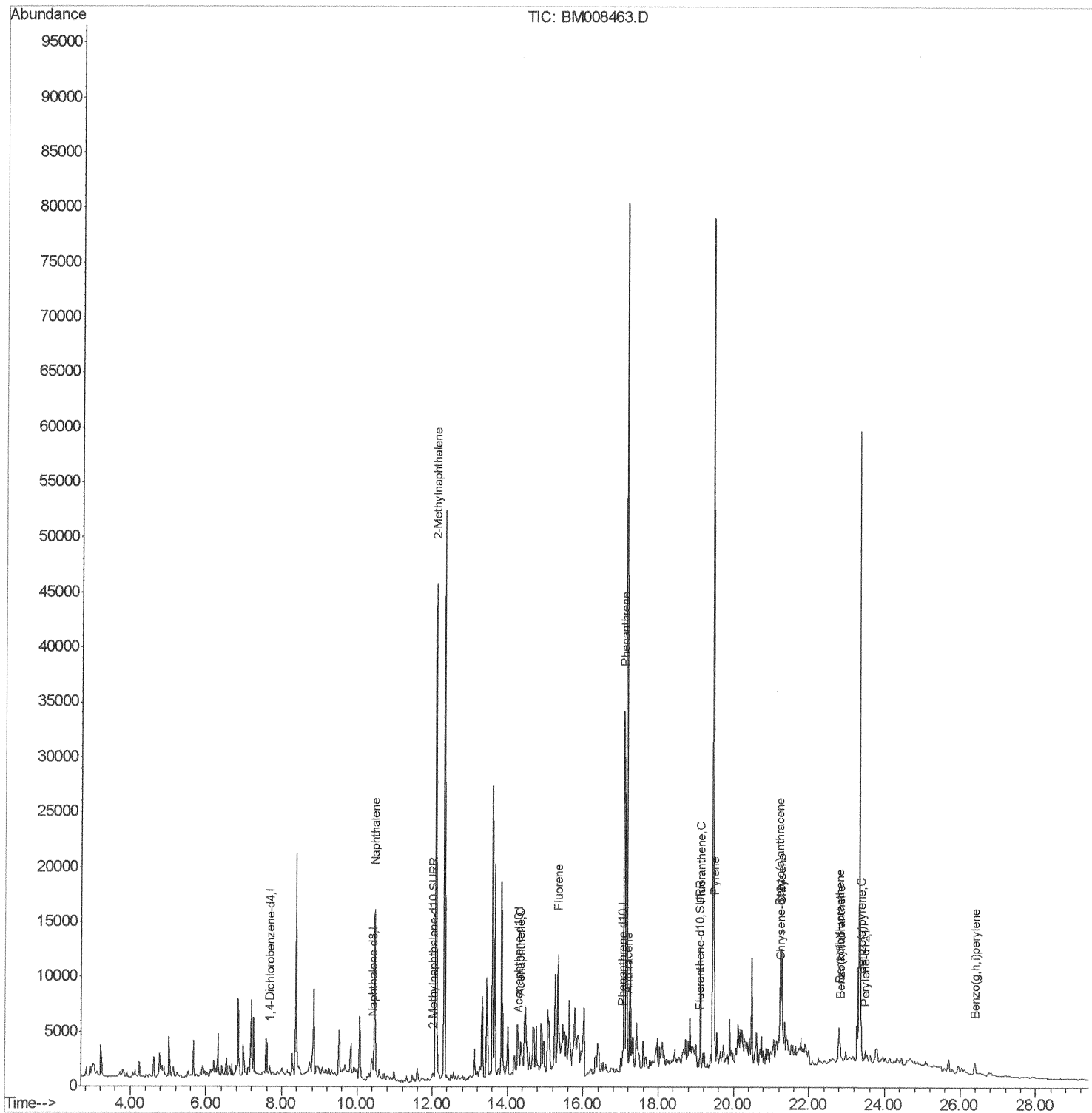
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121916\
Data File : BM008463.D
Acq On : 20 Dec 2016 04:12
Operator : UM/SJ
Sample : H5938-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA835

Manual Integrations
APPROVED

sohil
12/20/2016 6:31:24 PM

Quant Time: Dec 20 13:20:08 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 20 04:48:59 2016
Response via : Initial Calibration



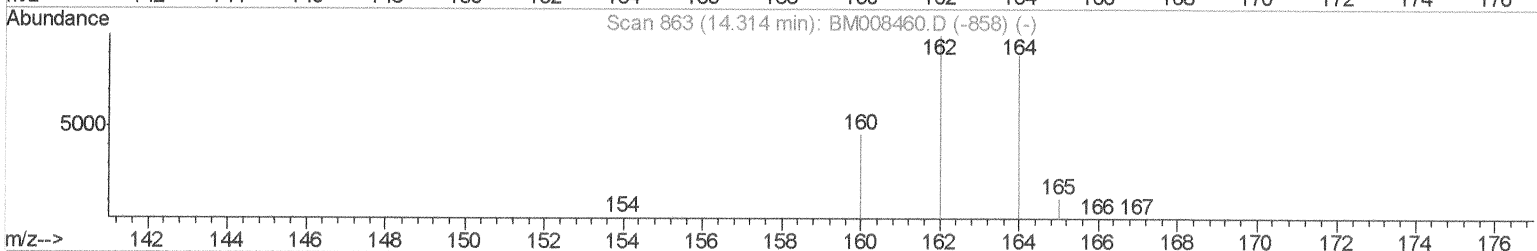
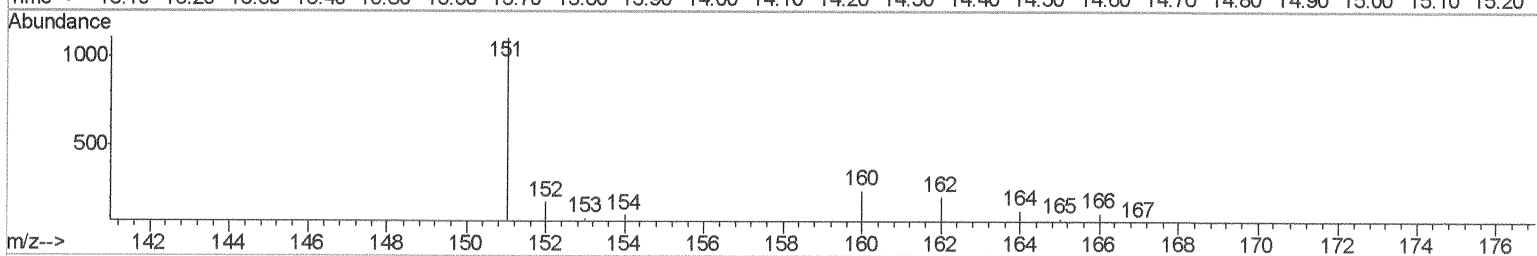
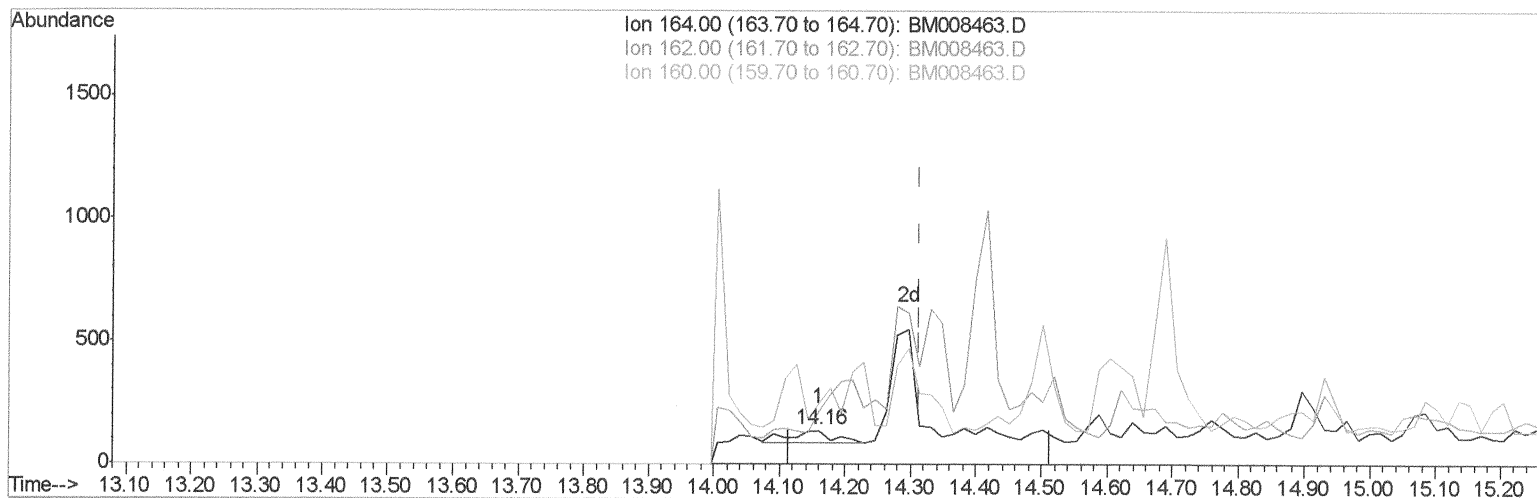
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121916\
Data File : BM008463.D
Acq On : 20 Dec 2016 04:12
Operator : UM/SJ
Sample : H5938-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA835

Manual Integrations
APPROVED

sohil
12/20/2016 6:31:24 PM

Quant Time: Dec 20 13:11:26 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 20 04:48:59 2016
Response via : Initial Calibration



TIC: BM008463.D

(6) Acenaphthene-d10 (I)

14.160min (-0.154) 0.40ng/ui

response 214

Ion	Exp%	Act%
164.00	100	100
162.00	98.60	153.96#
160.00	48.80	181.29#
0.00	0.00	0.00

Quantitation Report (Qedit)

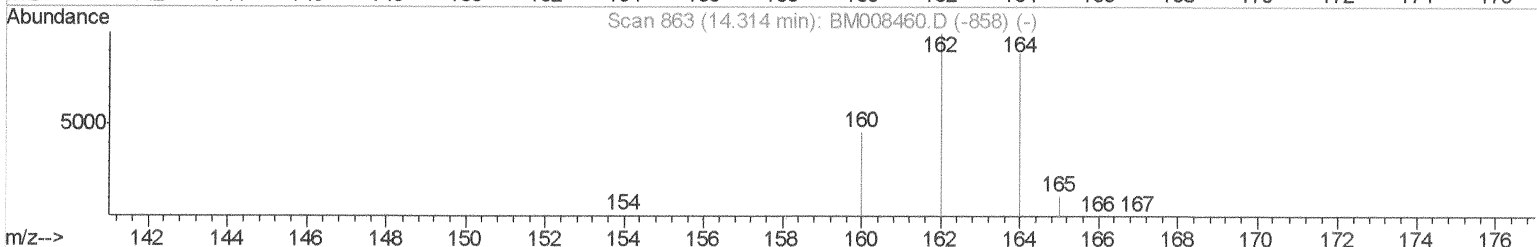
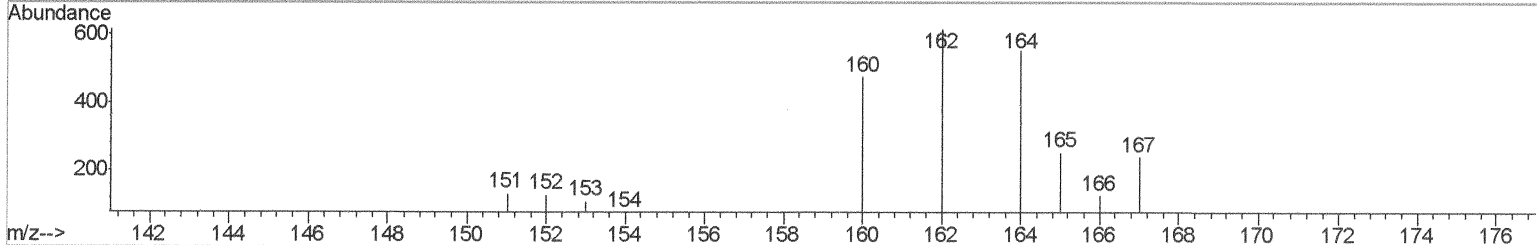
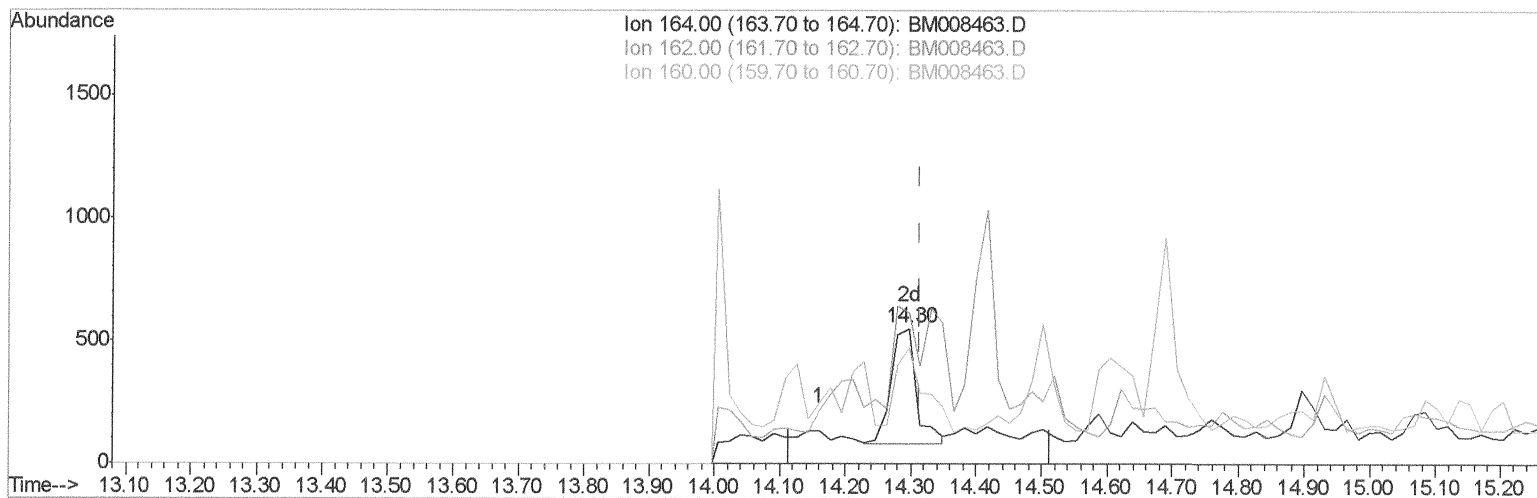
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121916\
 Data File : BM008463.D
 Acq On : 20 Dec 2016 04:12
 Operator : UM/SJ
 Sample : H5938-13
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA835

Manual Integrations
 APPROVED

sohil
 12/20/2016 6:31:24 PM

Quant Time: Dec 20 13:11:26 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 20 04:48:59 2016
 Response via : Initial Calibration



TIC: BM008463.D

(6) Acenaphthene-d10 (I)

14.297min (-0.017) 0.40ng/ul m

5J 12/21/16

response 1275

Ion	Exp%	Act%
164.00	100	100
162.00	98.60	111.59
160.00	48.80	86.05#
0.00	0.00	0.00

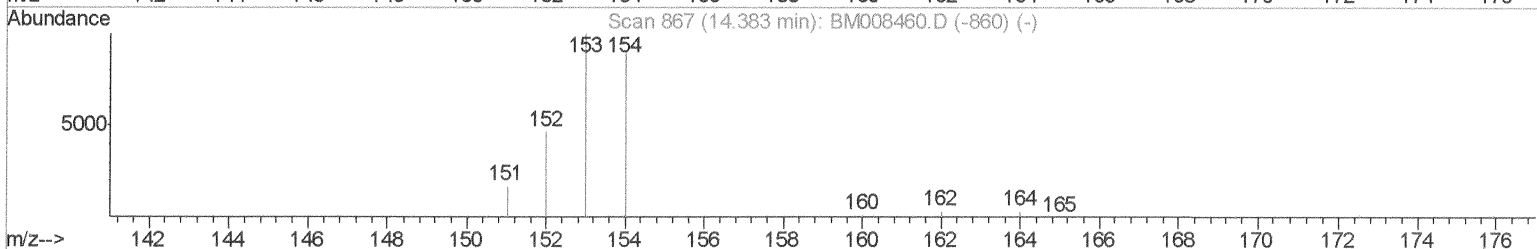
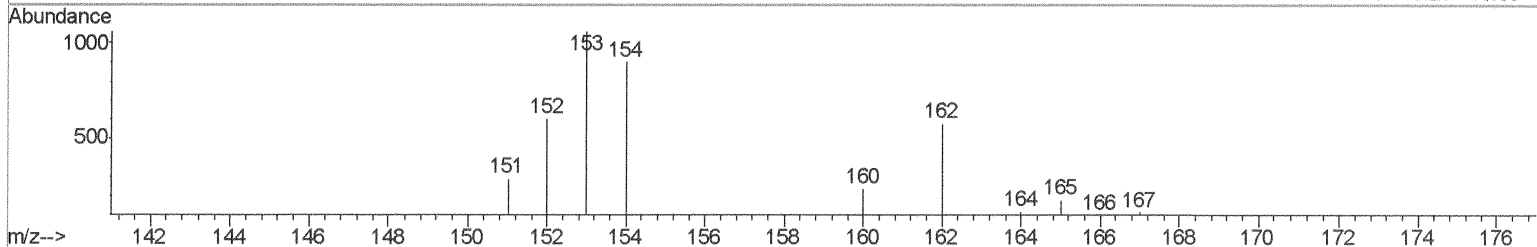
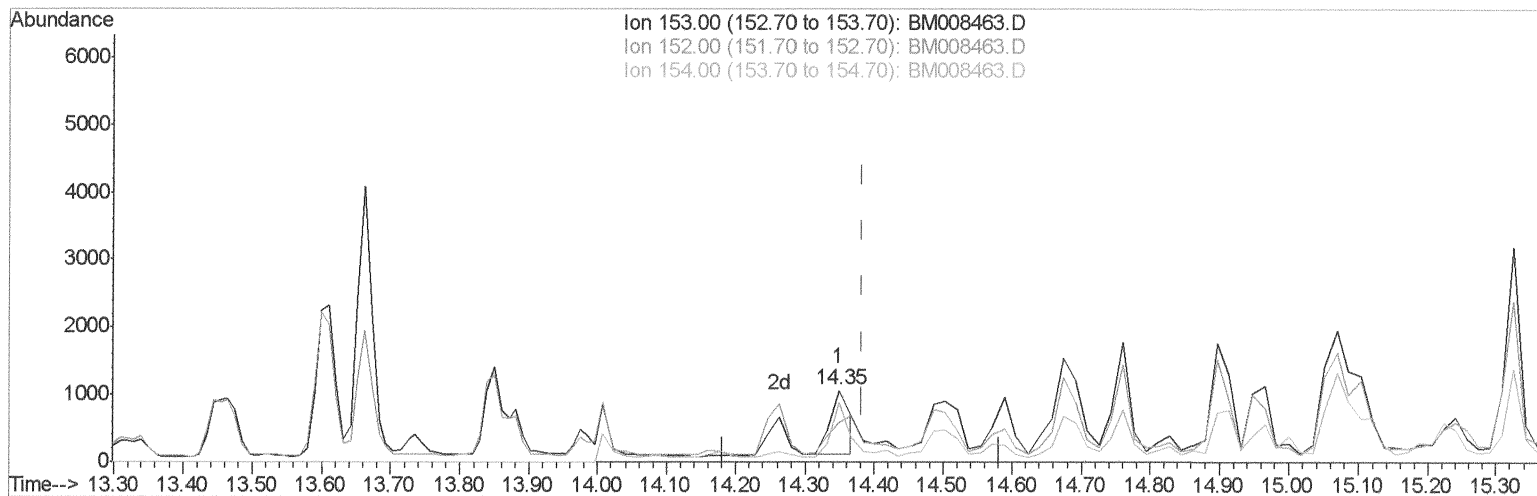
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121916\
Data File : BM008463.D
Acq On : 20 Dec 2016 04:12
Operator : UM/SJ
Sample : H5938-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA835

Manual Integrations
APPROVED

sohil
12/20/2016 6:31:24 PM

Quant Time: Dec 20 13:12:14 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 20 04:48:59 2016
Response via : Initial Calibration



TIC: BM008463.D

(8) Acenaphthene (C)

14.348min (-0.034) 0.45ng/ul

response 1963

Ion	Exp%	Act%
153.00	100	100
152.00	50.40	56.83
154.00	89.30	84.83
0.00	0.00	0.00

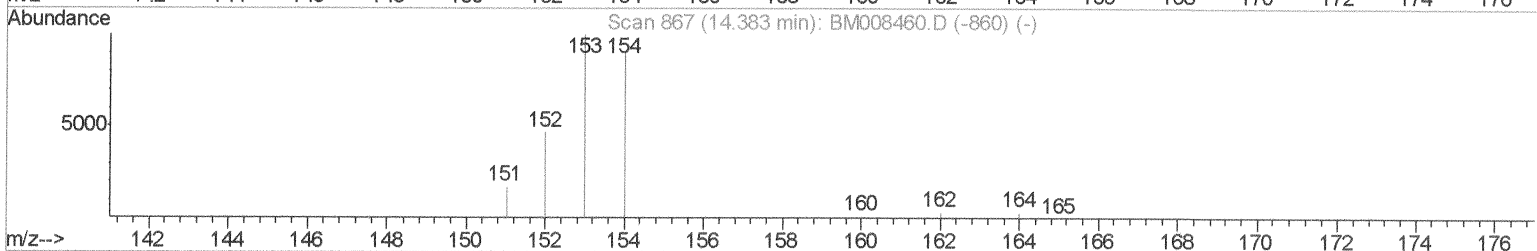
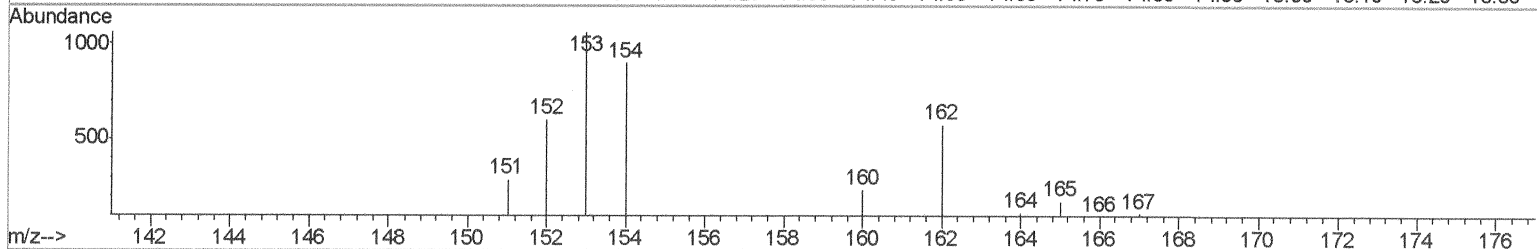
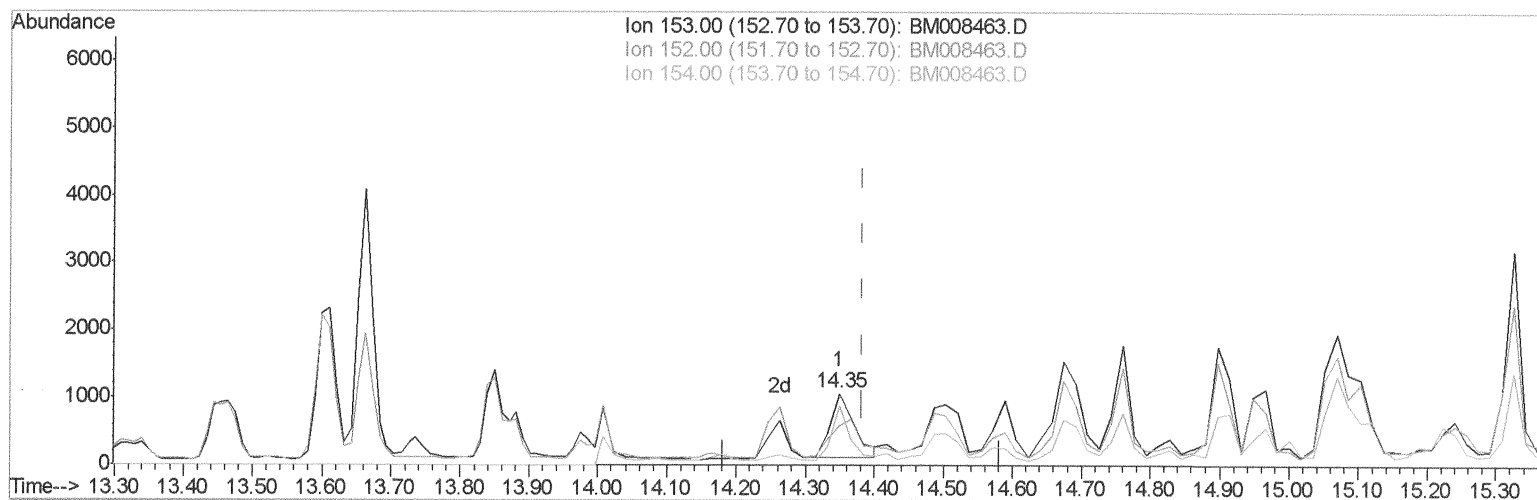
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121916\
Data File : BM008463.D
Acq On : 20 Dec 2016 04:12
Operator : UM/SJ
Sample : H5938-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA835

Manual Integrations
APPROVED

sohil
12/20/2016 6:31:24 PM

Quant Time: Dec 20 13:12:14 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 20 04:48:59 2016
Response via : Initial Calibration



TIC: BM008463.D

(8) Acenaphthene (C)

14.348min (-0.034) 0.55ng/ul m

SJ 12/21/16

response 2384

Ion	Exp%	Act%
153.00	100	100
152.00	50.40	56.83
154.00	89.30	84.83
0.00	0.00	0.00

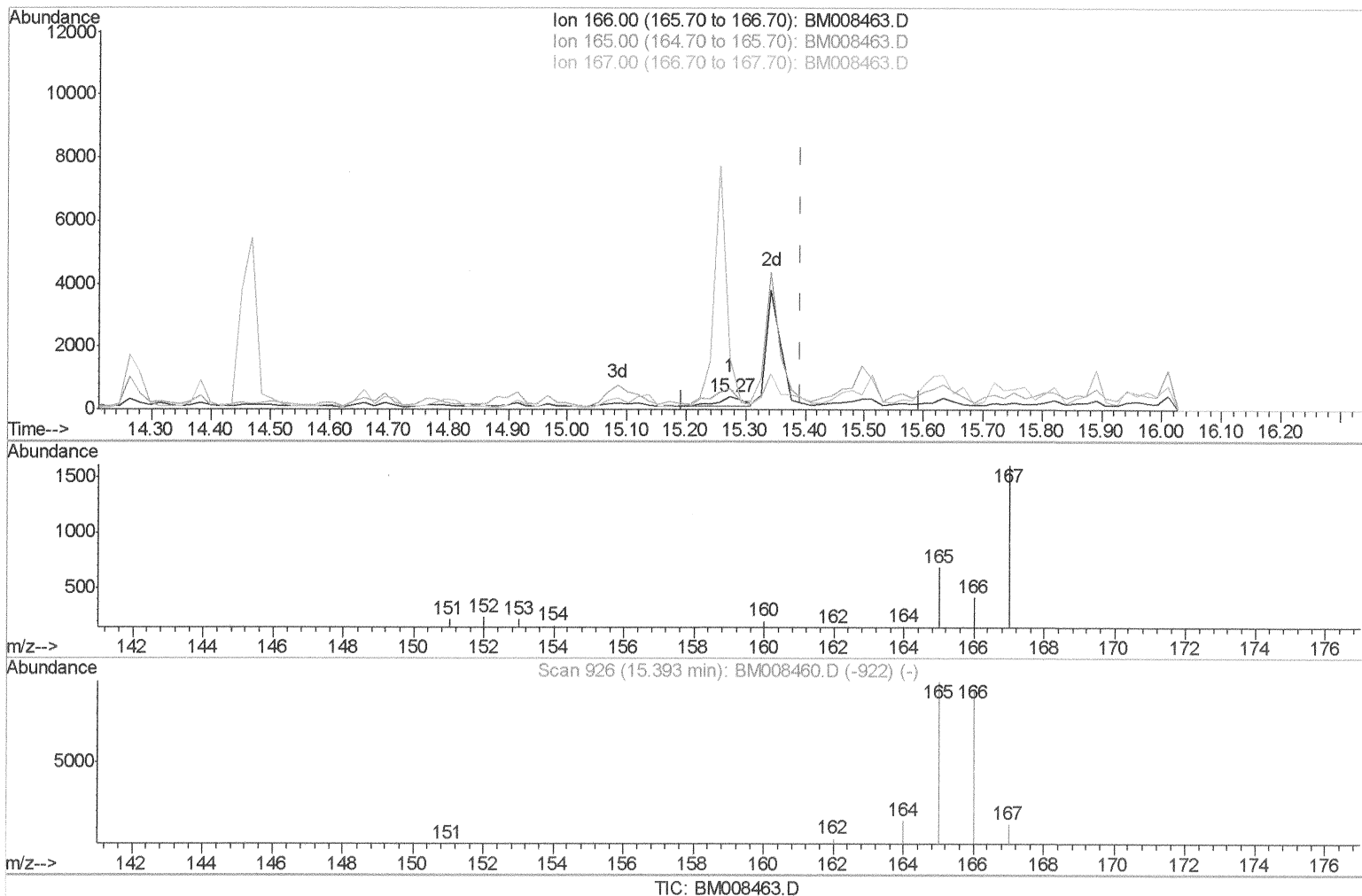
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121916\
Data File : BM008463.D
Acq On : 20 Dec 2016 04:12
Operator : UM/SJ
Sample : H5938-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA835

Manual Integrations
APPROVED

sohil
12/20/2016 6:31:24 PM

Quant Time: Dec 20 13:12:14 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 20 04:48:59 2016
Response via : Initial Calibration



(9) Fluorene

15.273min (-0.120) 0.19ng/ul

response 928

Ion	Exp%	Act%
166.00	100	100
165.00	91.80	165.78#
167.00	18.30	390.05#
0.00	0.00	0.00

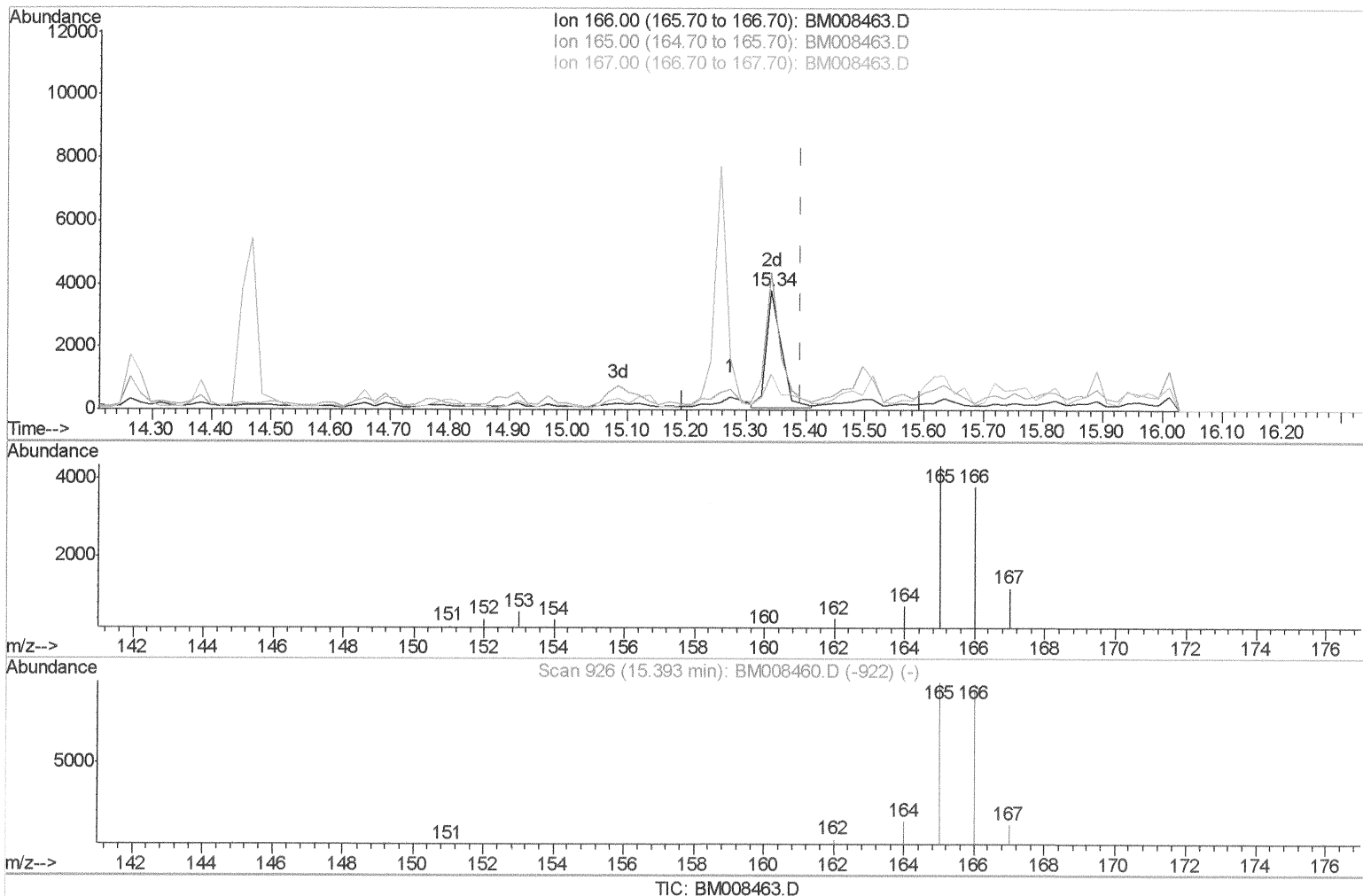
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121916\
Data File : BM008463.D
Acq On : 20 Dec 2016 04:12
Operator : UM/SJ
Sample : H5938-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA835

Manual Integrations
APPROVED

sohil
12/20/2016 6:31:24 PM

Quant Time: Dec 20 13:12:14 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 20 04:48:59 2016
Response via : Initial Calibration



(9) Fluorene

15.342min (-0.051) 1.32ng/ul m

SJ 12/21/16

response 6551

Ion	Exp%	Act%
166.00	100	100
165.00	91.80	114.70#
167.00	18.30	30.87#
0.00	0.00	0.00

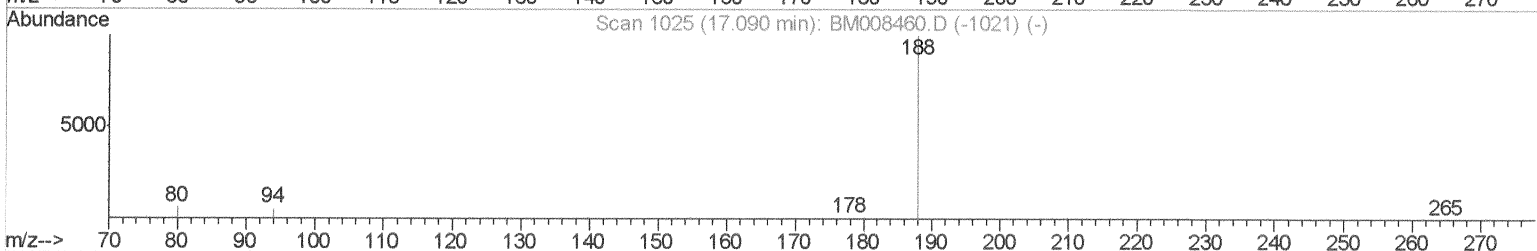
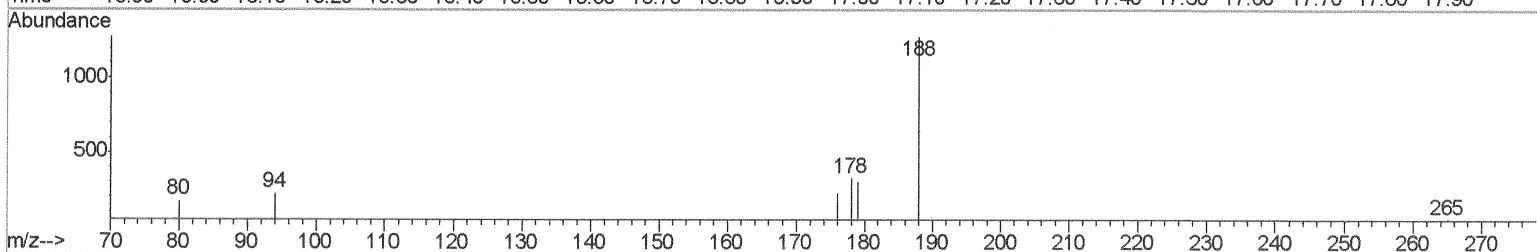
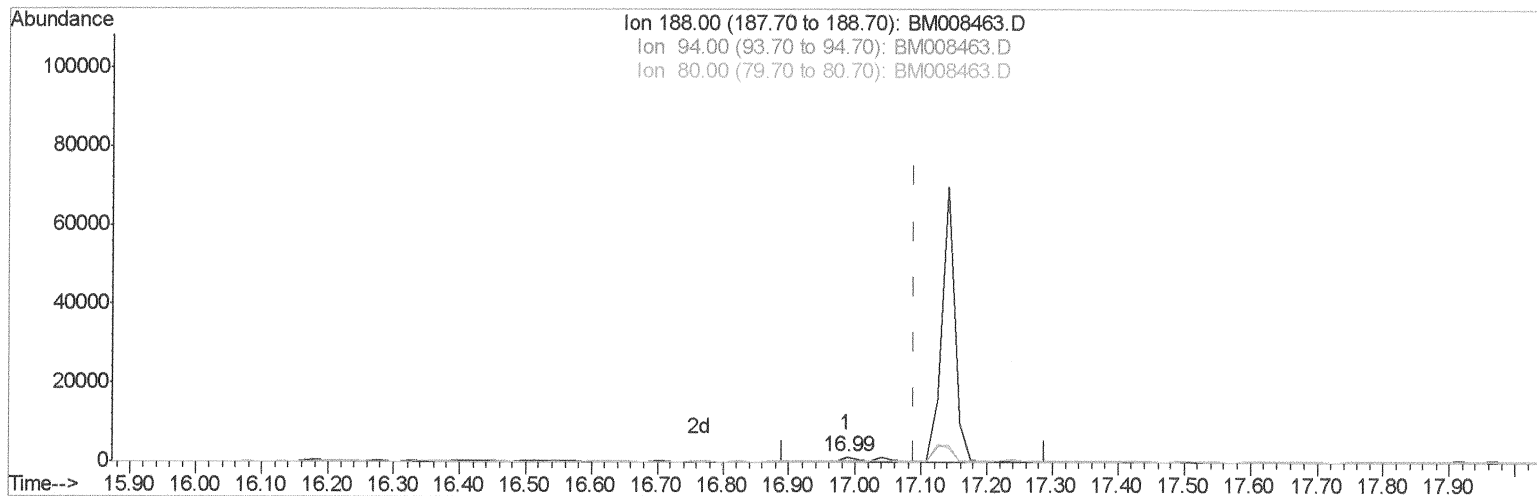
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121916\
Data File : BM008463.D
Acq On : 20 Dec 2016 04:12
Operator : UM/SJ
Sample : H5938-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA835

Manual Integrations
APPROVED

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Quant Time: Dec 20 13:12:14 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 20 04:48:59 2016
Response via : Initial Calibration



TIC: BM008463.D

(10) Phenanthrene-d10 (I)

16.987min (-0.103) 0.40ng/ui

response 1958

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	16.94#
80.00	11.80	13.27
0.00	0.00	0.00

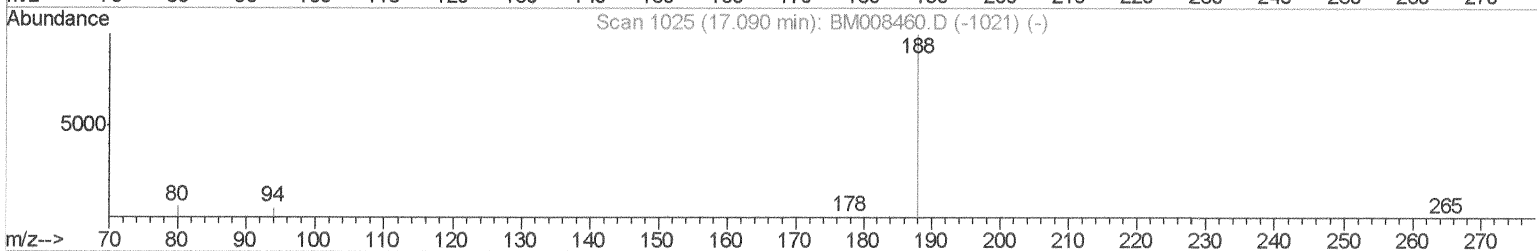
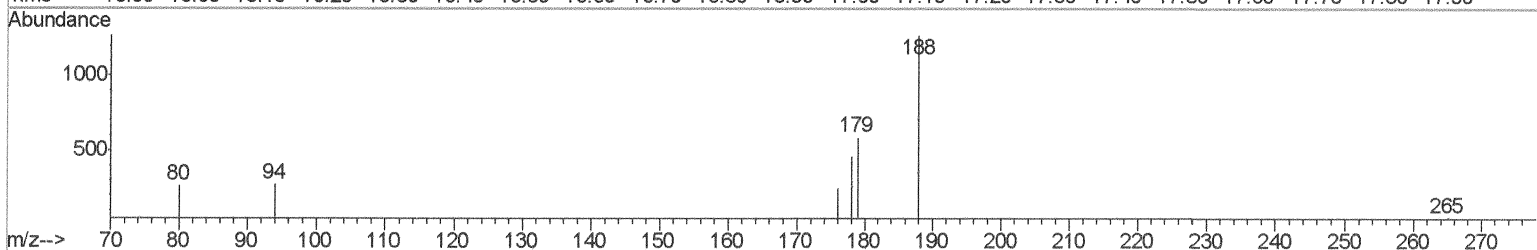
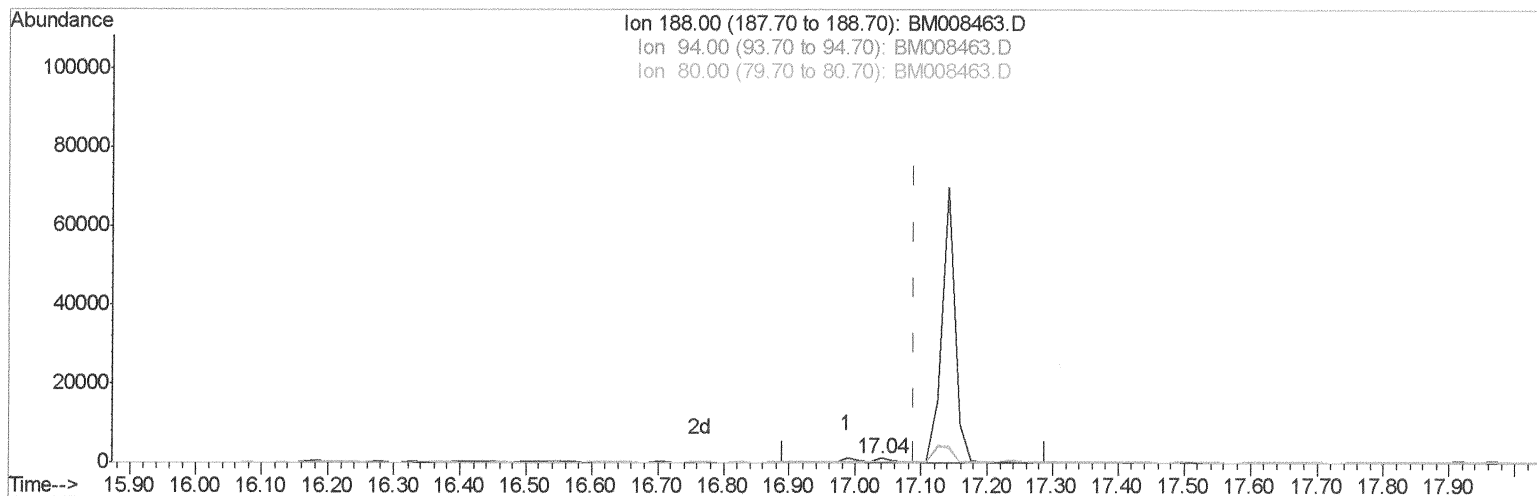
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121916\
 Data File : BM008463.D
 Acq On : 20 Dec 2016 04:12
 Operator : UM/SJ
 Sample : H5938-13
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA835

Manual Integrations
 APPROVED

sohil
 12/20/2016 6:31:24 PM

Quant Time: Dec 20 13:12:14 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 20 04:48:59 2016
 Response via : Initial Calibration



TIC: BM008463.D

(10) Phenanthrene-d10 (I)

17.039min (-0.051) 0.40ng/ul m

SJ 12/21/16

response 1679

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	21.48#
80.00	11.80	20.77#
0.00	0.00	0.00

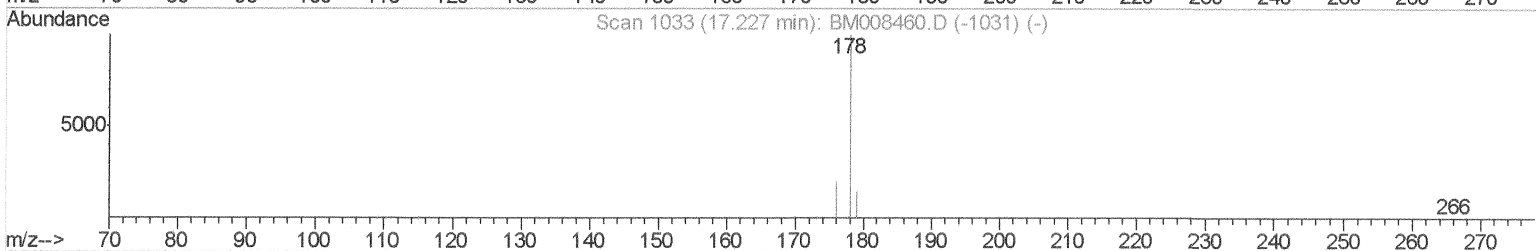
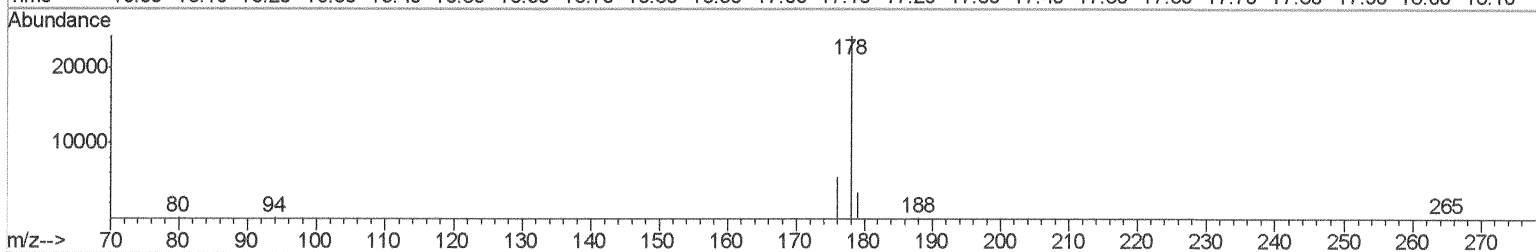
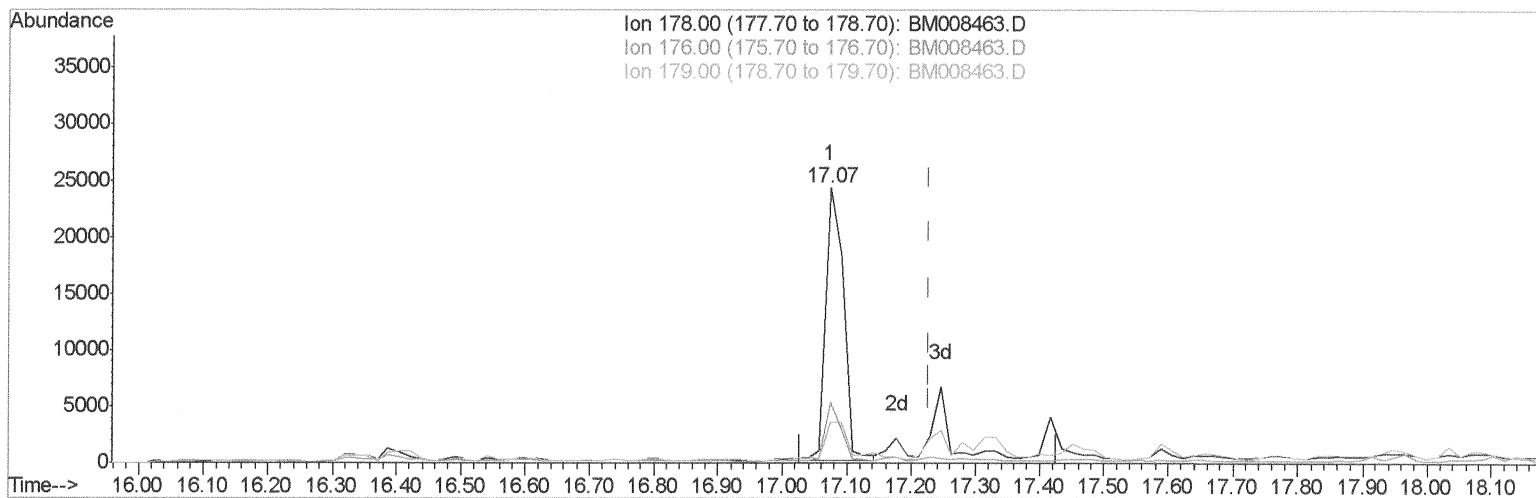
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121916\
Data File : BM008463.D
Acq On : 20 Dec 2016 04:12
Operator : UM/SJ
Sample : H5938-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA835

Manual Integrations
APPROVED

sohil
12/20/2016 6:31:24 PM

Quant Time: Dec 20 13:13:53 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 20 04:48:59 2016
Response via : Initial Calibration



TIC: BM008463.D

(13) Anthracene

17.073min (-0.154) 9.53ng/ui

response 47449

Ion	Exp%	Act%
178.00	100	100
176.00	22.60	22.50
179.00	18.40	14.82
0.00	0.00	0.00

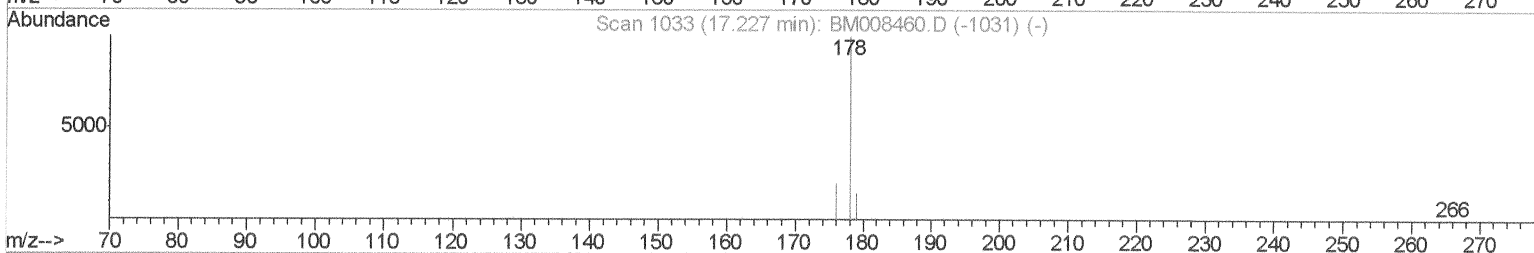
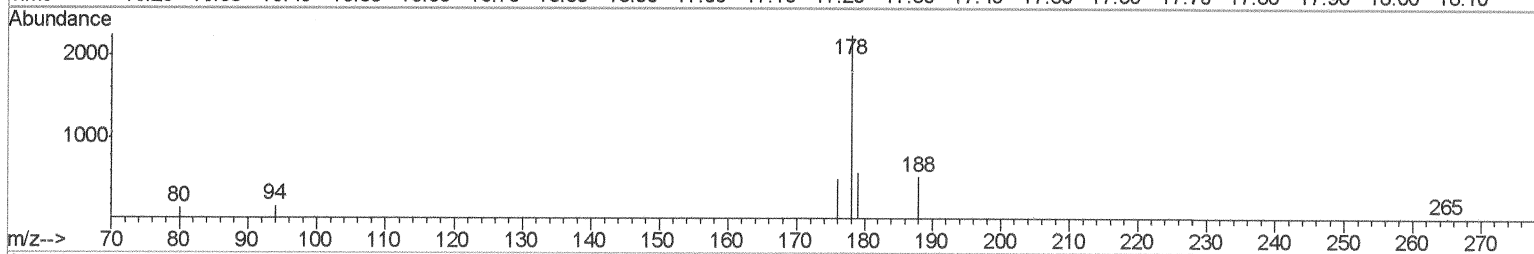
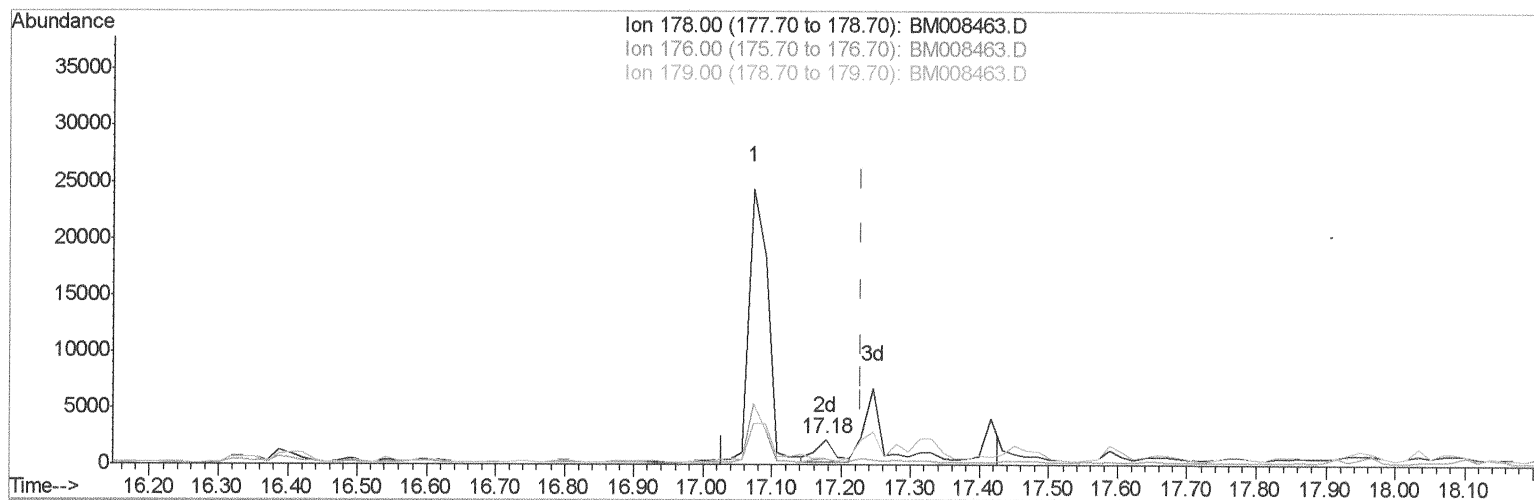
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121916\
Data File : BM008463.D
Acq On : 20 Dec 2016 04:12
Operator : UM/SJ
Sample : H5938-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA835

Manual Integrations
APPROVED

sohil
12/20/2016 6:31:24 PM

Quant Time: Dec 20 13:13:53 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 20 04:48:59 2016
Response via : Initial Calibration



TIC: BM008463.D

(13) Anthracene

17.176min (-0.051) 0.80ng/ul m

53 12/21/16

response 4004

Ion	Exp%	Act%
178.00	100	100
176.00	22.60	23.21
179.00	18.40	26.61#
0.00	0.00	0.00

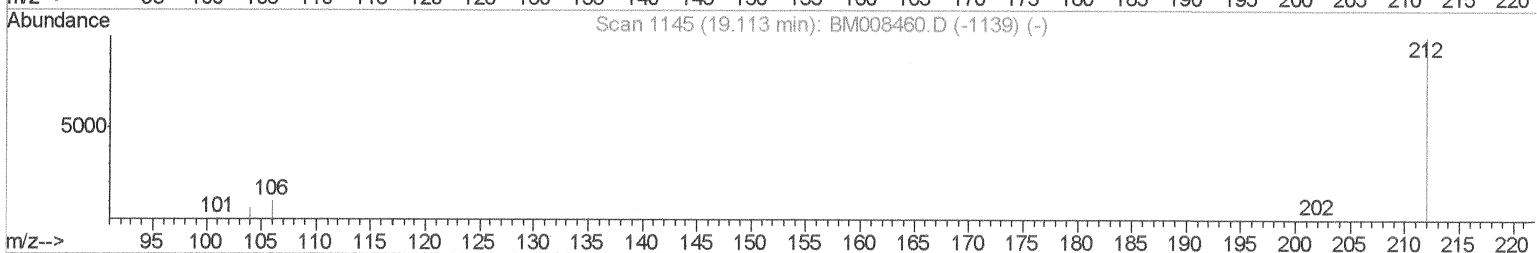
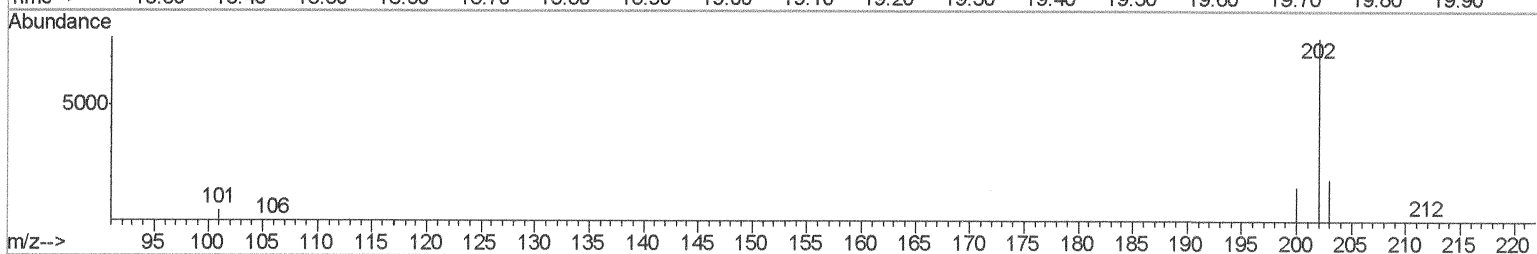
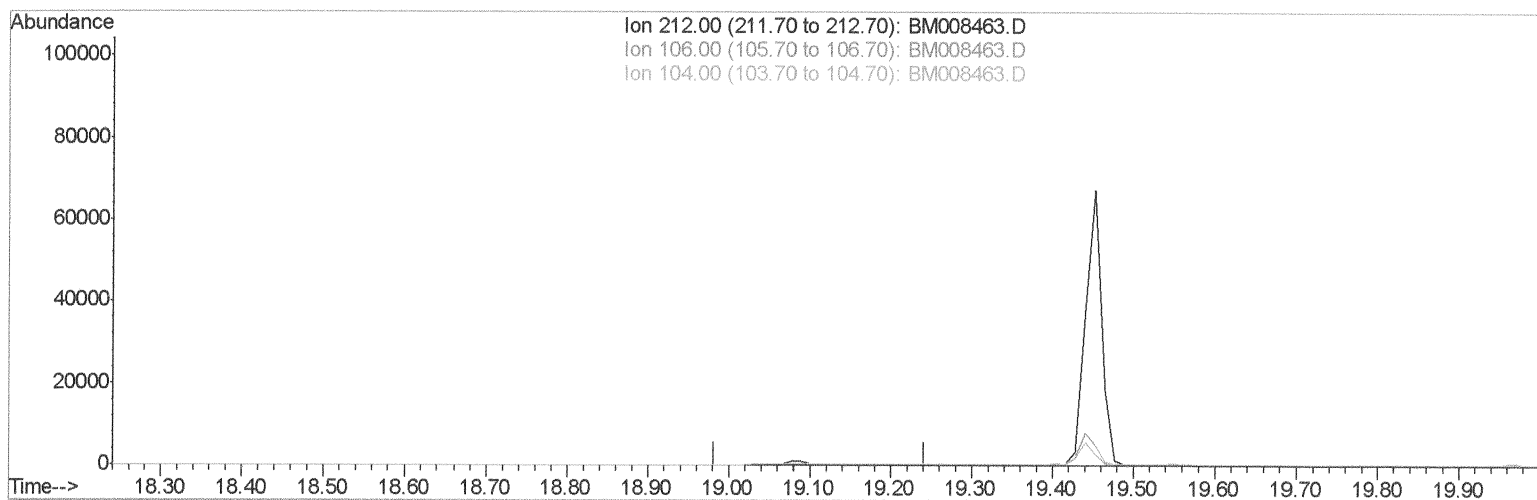
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121916\
Data File : BM008463.D
Acq On : 20 Dec 2016 04:12
Operator : UM/SJ
Sample : H5938-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA835

Manual Integrations
APPROVED

sohil
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Quant Time: Dec 20 13:13:53 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 20 04:48:59 2016
Response via : Initial Calibration



TIC: BM008463.D

(14) Fluoranthene-d10 (SURR)

19.113min (-19.113) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	18.30	0.00#
104.00	15.60	0.00#
0.00	0.00	0.00

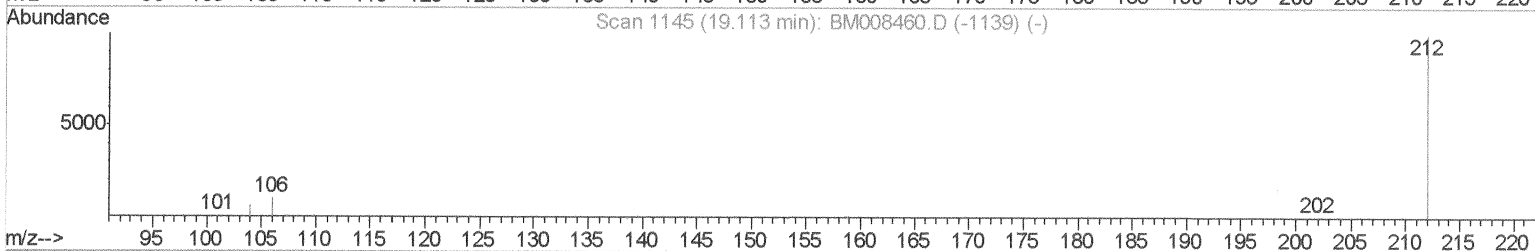
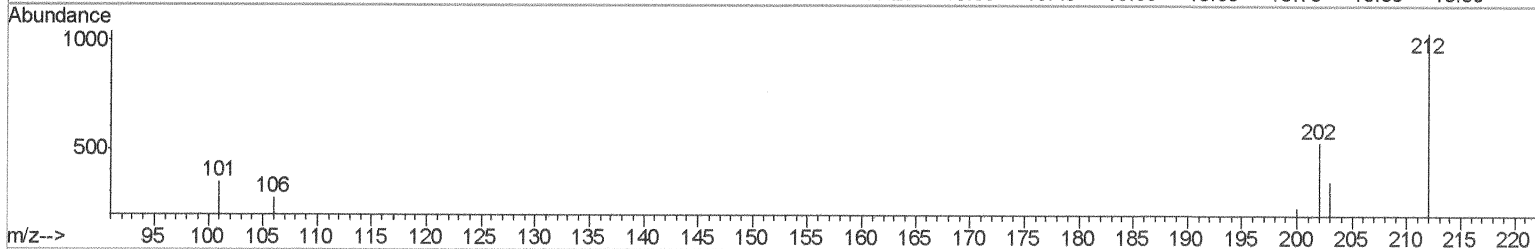
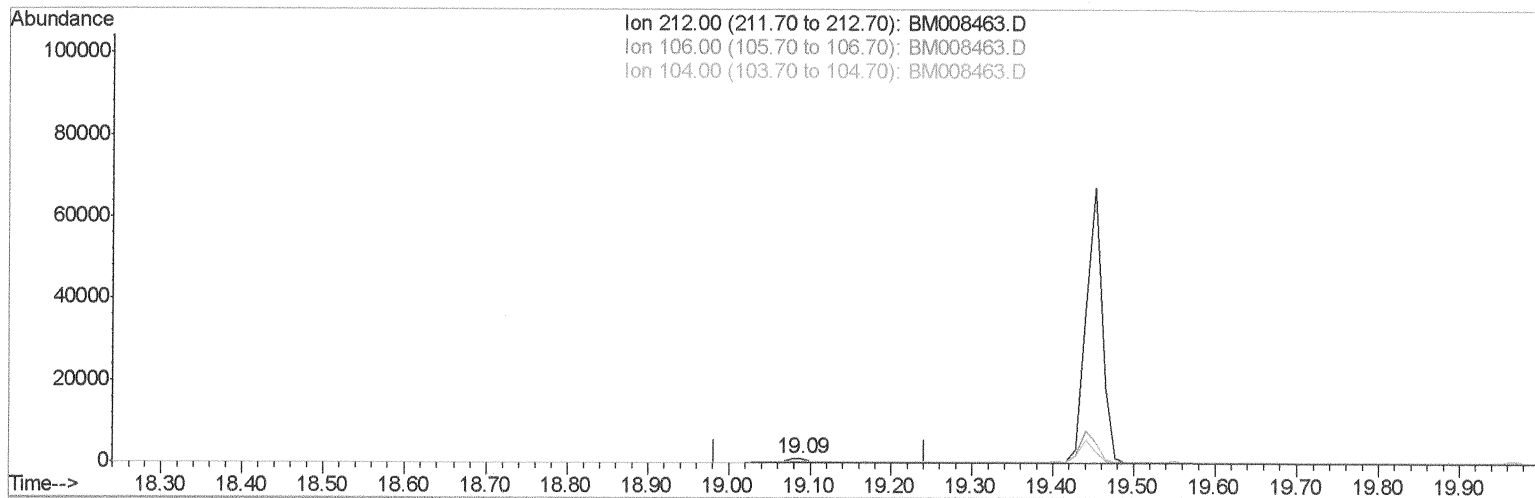
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121916\
Data File : BM008463.D
Acq On : 20 Dec 2016 04:12
Operator : UM/SJ
Sample : H5938-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA835

Manual Integrations
APPROVED

sohil
12/20/2016 6:31:24 PM

Quant Time: Dec 20 13:13:53 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 20 04:48:59 2016
Response via : Initial Calibration



TIC: BM008463.D

(14) Fluoranthene-d10 (SURR)

19.089min (-0.024) 0.28ng/ul m

SJ 12/21/16

response 1313

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	0.00#
104.00	15.60	0.00#
0.00	0.00	0.00

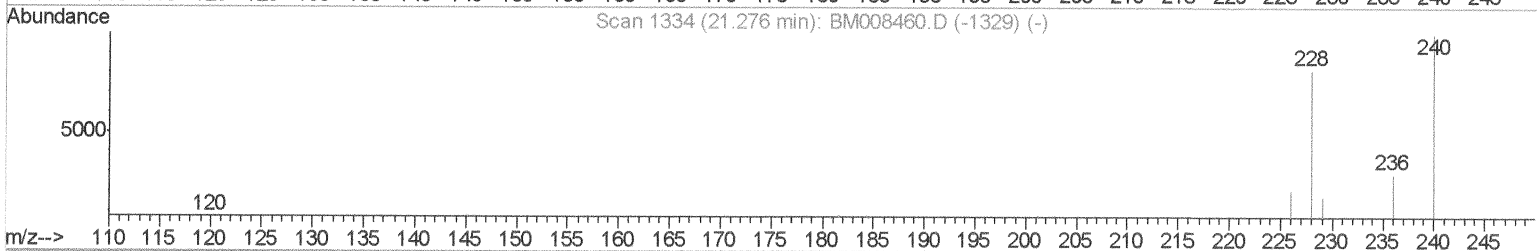
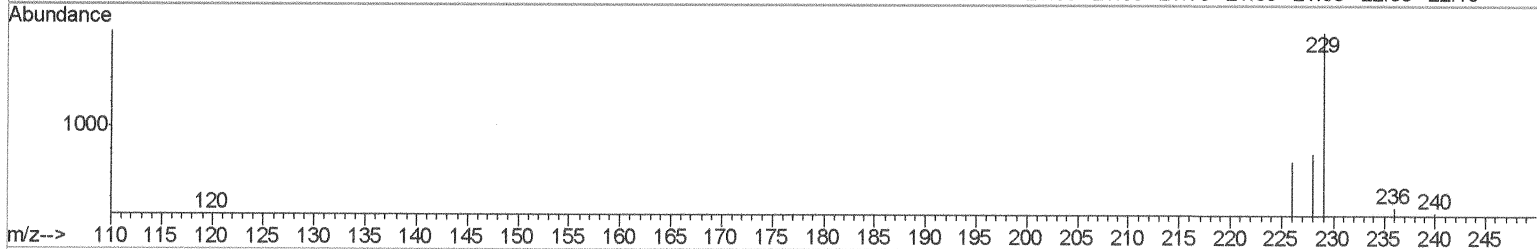
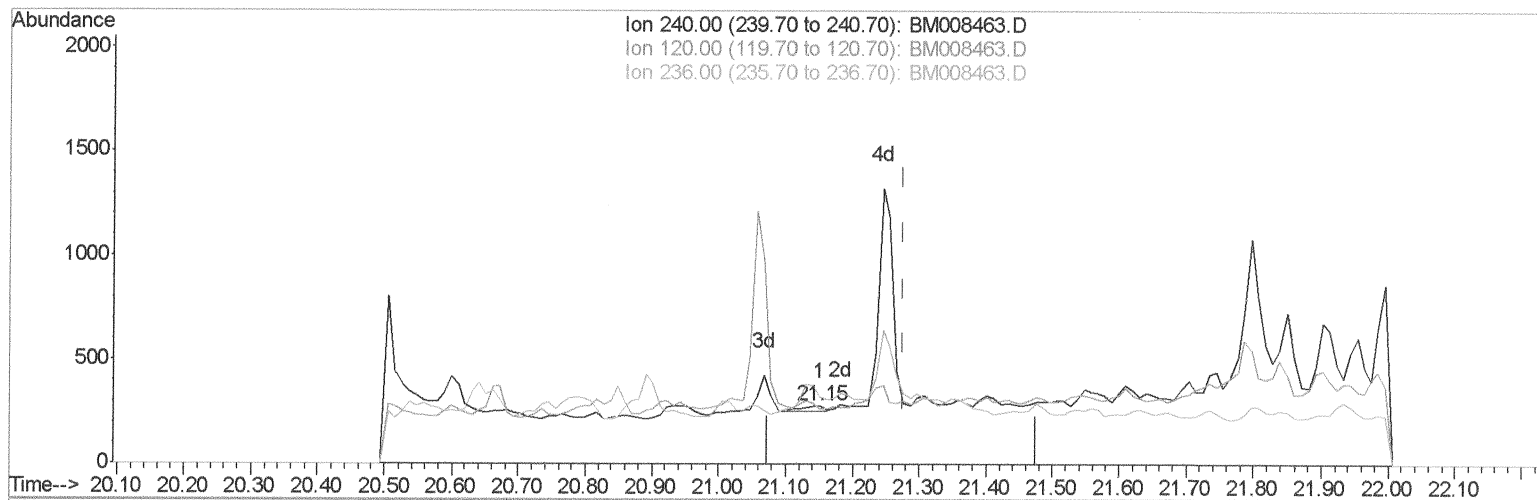
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121916\
Data File : BM008463.D
Acq On : 20 Dec 2016 04:12
Operator : UM/SJ
Sample : H5938-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA835

Manual Integrations
APPROVED

sohil
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Quant Time: Dec 20 13:13:53 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 20 04:48:59 2016
Response via : Initial Calibration



TIC: BM008463.D

(16) Chrysene-d12 (I)

21.151min (-0.125) 0.40ng/ul

response 54

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	93.62#
236.00	34.90	115.96#
0.00	0.00	0.00

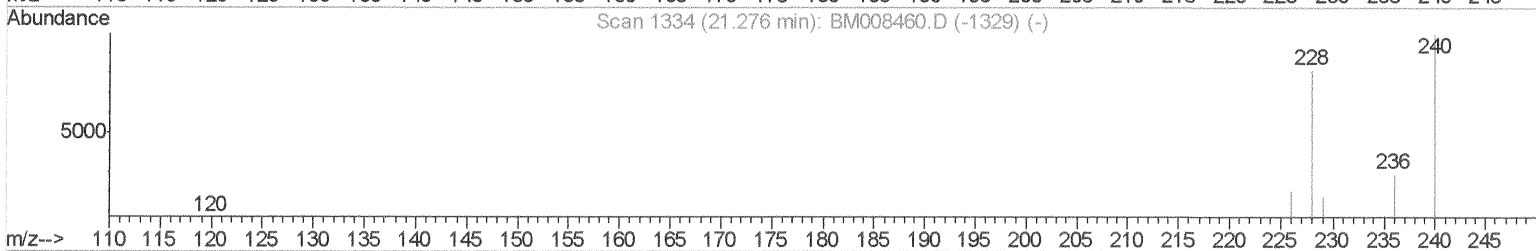
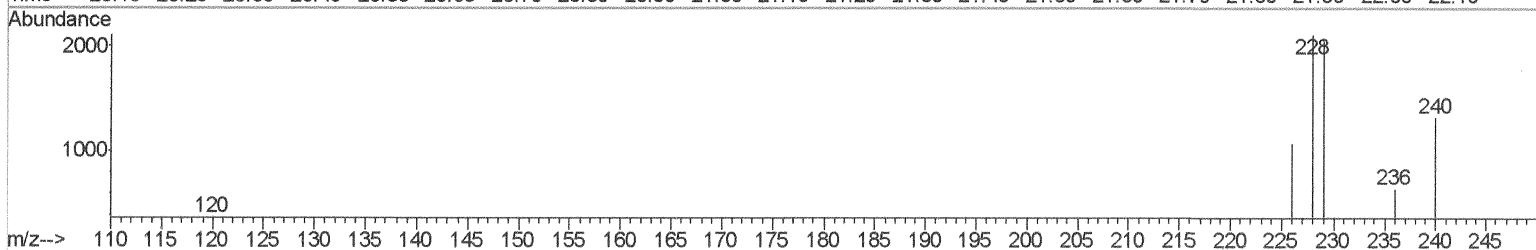
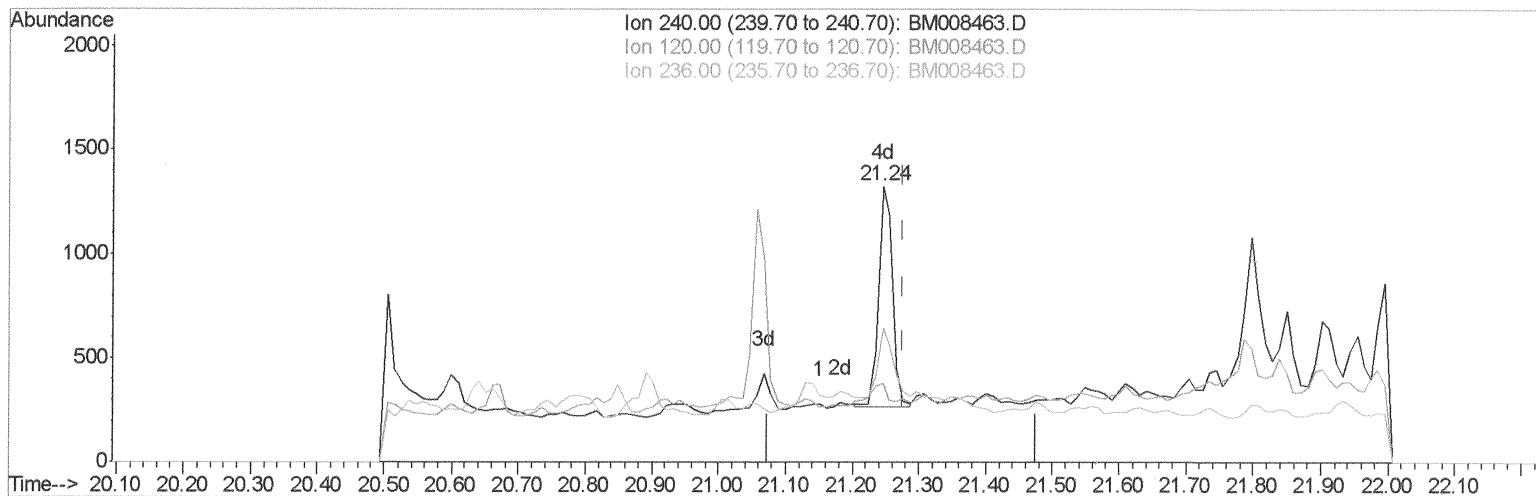
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121916\
Data File : BM008463.D
Acq On : 20 Dec 2016 04:12
Operator : UM/SJ
Sample : H5938-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
DA835

Manual Integrations
APPROVED

sohil
12/20/2016 6:31:24 PM

Quant Time: Dec 20 13:13:53 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 20 04:48:59 2016
Response via : Initial Calibration



TIC: BM008463.D

(16) Chrysene-d12 (I)

21.245min (-0.031) 0.40ng/ul m

SJ 12/21/16

response 1557

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	28.74#
236.00	34.90	48.87#
0.00	0.00	0.00

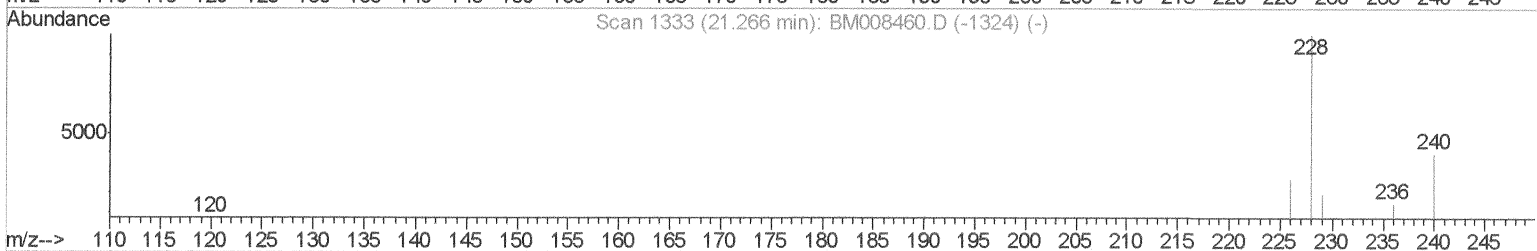
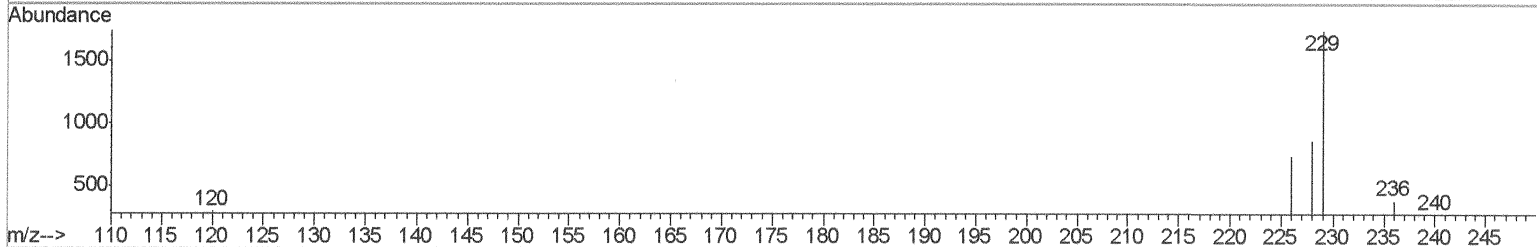
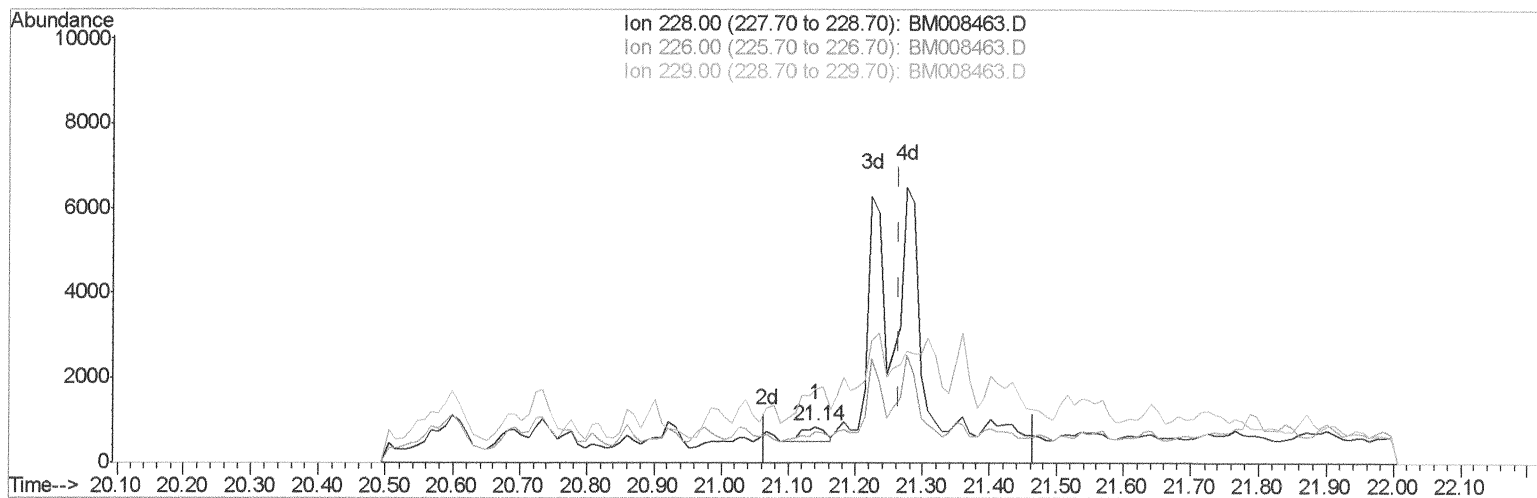
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121916\
Data File : BM008463.D
Acq On : 20 Dec 2016 04:12
Operator : UM/SJ
Sample : H5938-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA835

Manual Integrations
APPROVED

sohil
12/20/2016 6:31:24 PM

Quant Time: Dec 20 13:15:47 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 20 04:48:59 2016
Response via : Initial Calibration



TIC: BM008463.D

(18) Benzo(a)anthracene

21.141min (-0.125) 0.18ng/ul

response 895

Ion	Exp%	Act%
228.00	100	100
226.00	28.50	85.83#
229.00	21.30	201.97#
0.00	0.00	0.00

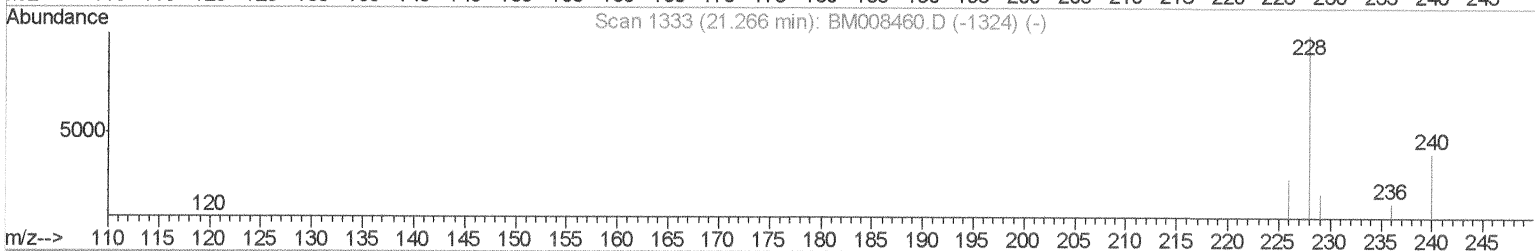
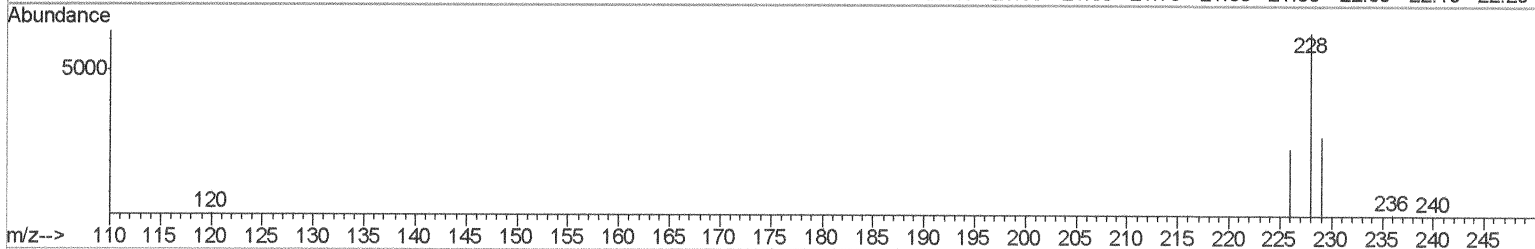
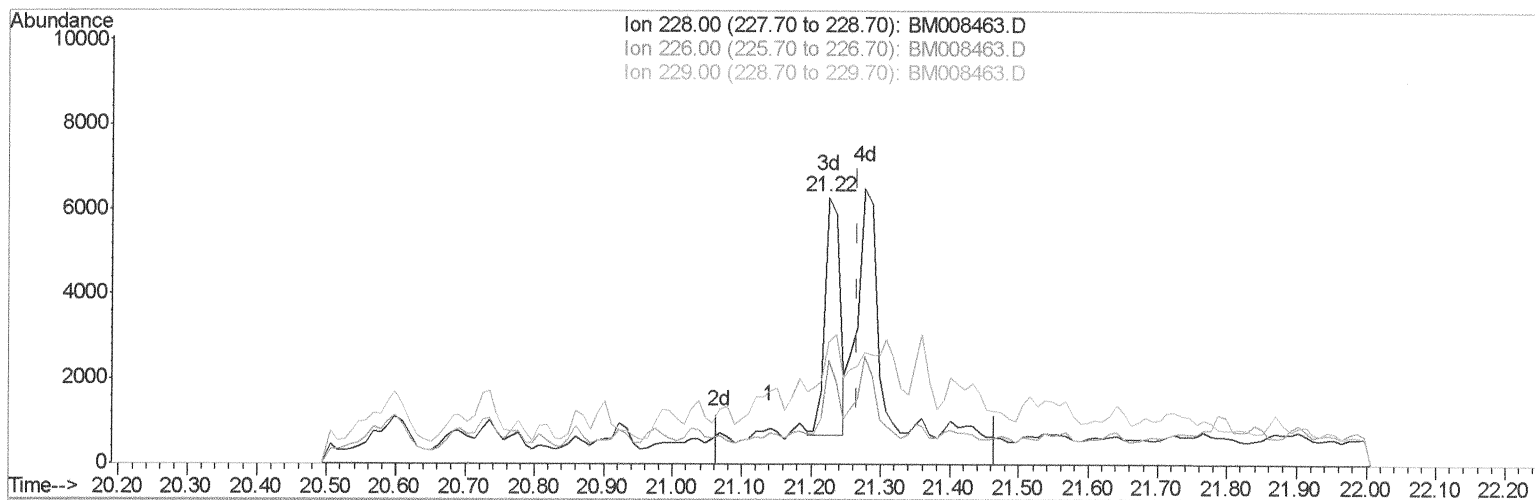
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121916\
Data File : BM008463.D
Acq On : 20 Dec 2016 04:12
Operator : UM/SJ
Sample : H5938-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA835

Manual Integrations
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Quant Time: Dec 20 13:15:47 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 20 04:48:59 2016
Response via : Initial Calibration



TIC: BM008463.D

(18) Benzo(a)anthracene

21.224min (-0.042) 1.63ng/ul m

SJ 12/21/16

response 8354

Ion	Exp%	Act%
228.00	100	100
226.00	28.50	38.86#
229.00	21.30	46.01#
0.00	0.00	0.00

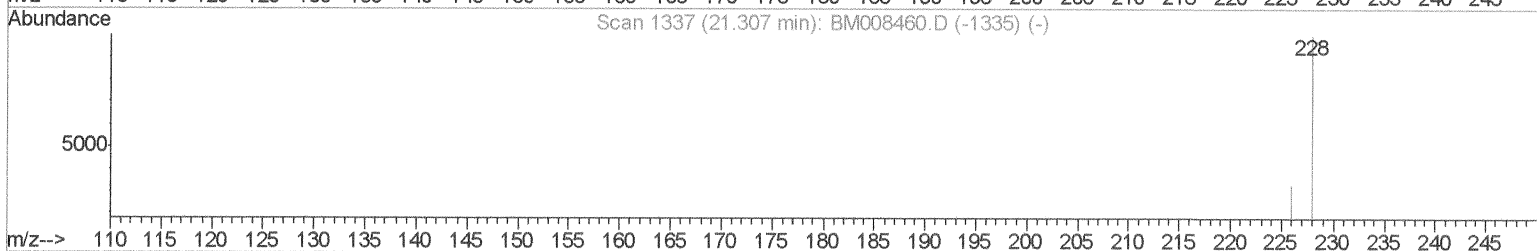
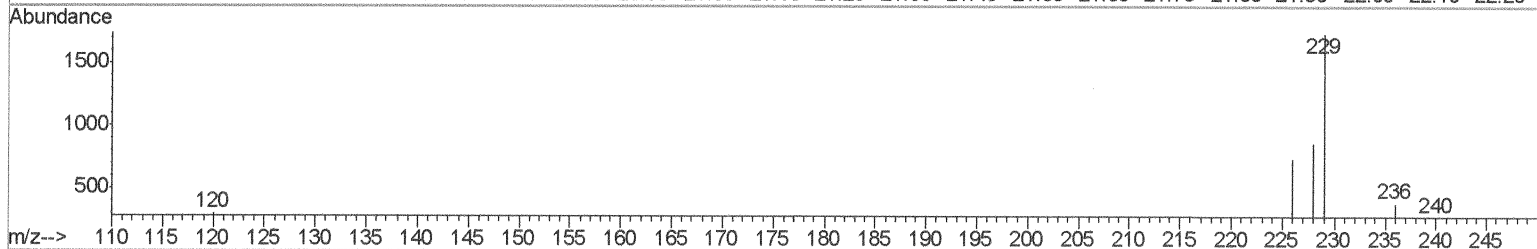
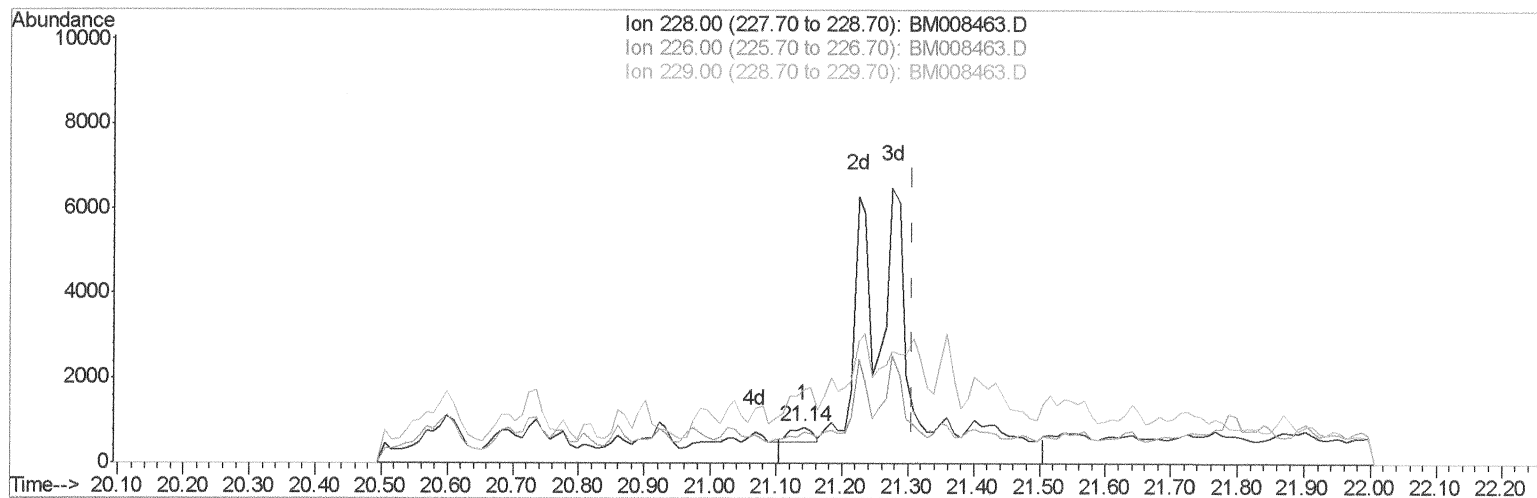
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Data File : BM008463.D
Acq On : 20 Dec 2016 04:12
Operator : UM/SJ
Sample : H5938-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA835

Manual Integrations
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Quant Time: Dec 20 13:15:47 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 20 04:48:59 2016
Response via : Initial Calibration



TIC: BM008463.D

(19) Chrysene

21.141min (-0.167) 0.16ng/ul

response 895

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	85.83#
229.00	22.10	201.97#
0.00	0.00	0.00

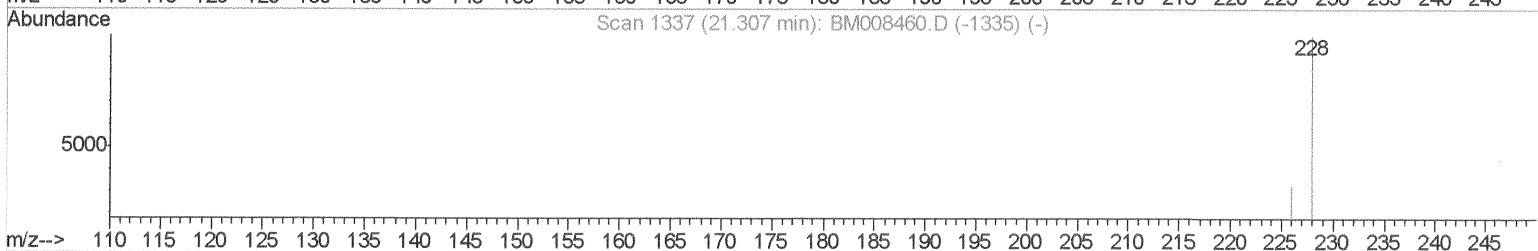
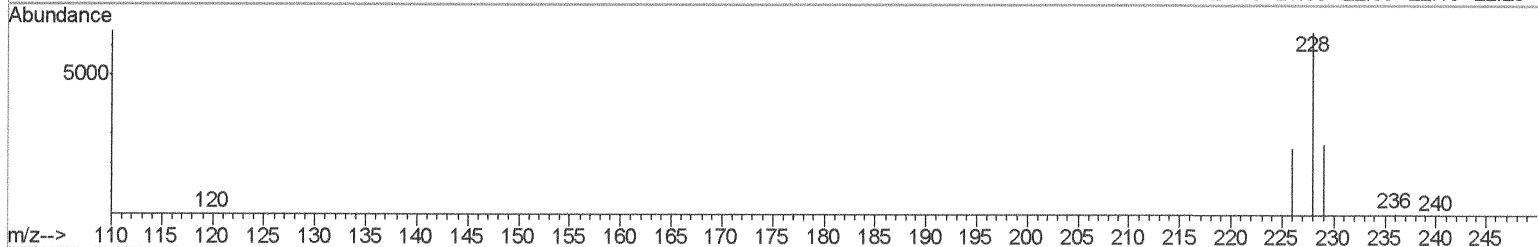
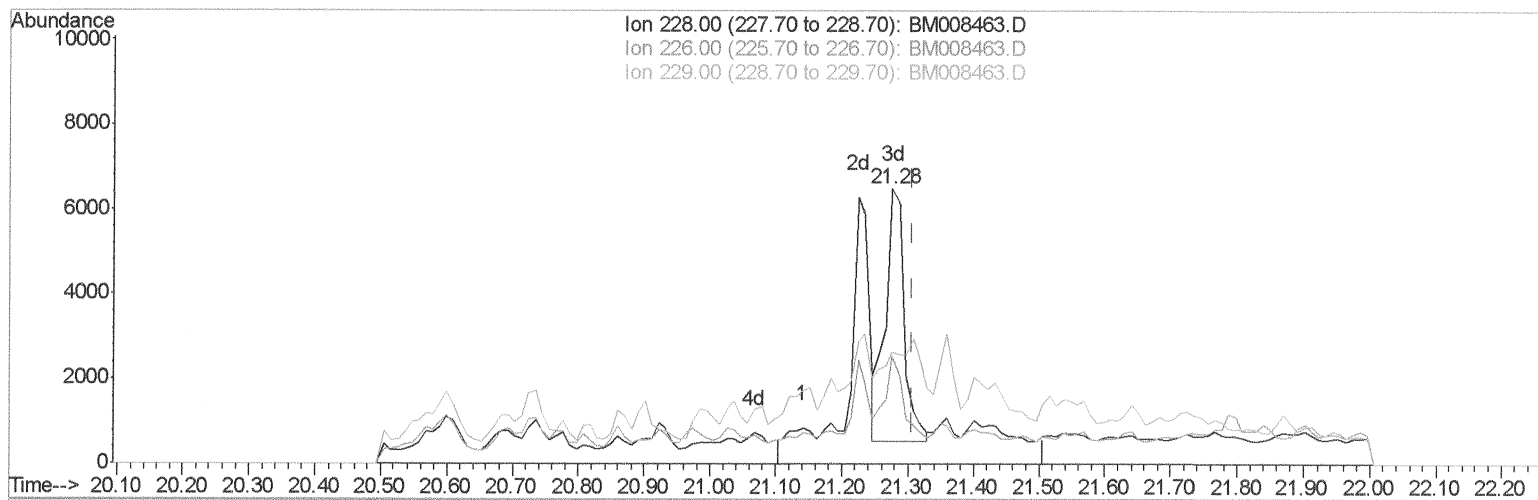
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121916\
Data File : BM008463.D
Acq On : 20 Dec 2016 04:12
Operator : UM/SJ
Sample : H5938-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA835

Manual Integrations
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Quant Time: Dec 20 13:15:47 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 20 04:48:59 2016
Response via : Initial Calibration



TIC: BM008463.D

(19) Chrysene

21.276min (-0.031) 2.15ng/ul m

SJ 12/21/16

response 12033

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	39.20#
229.00	22.10	40.95#
0.00	0.00	0.00

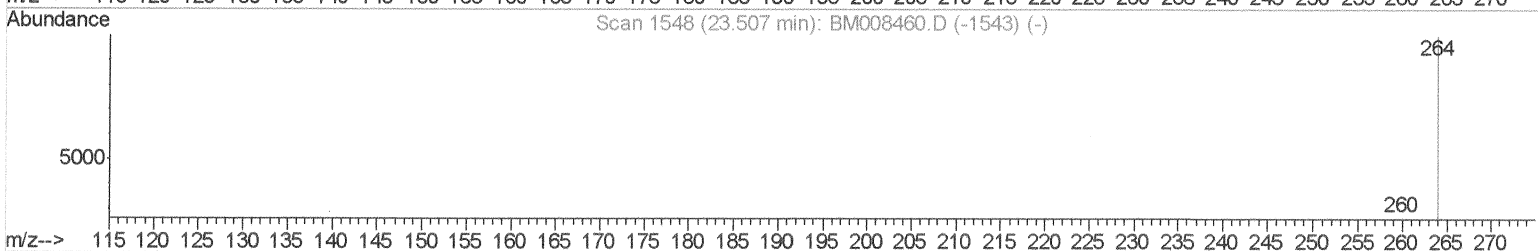
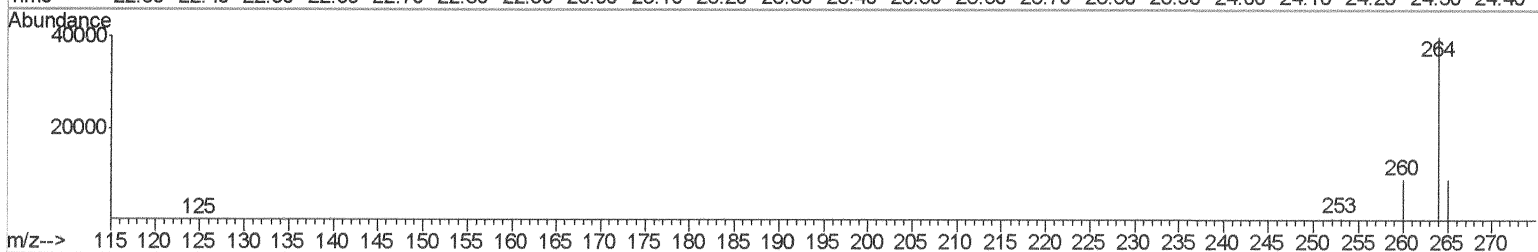
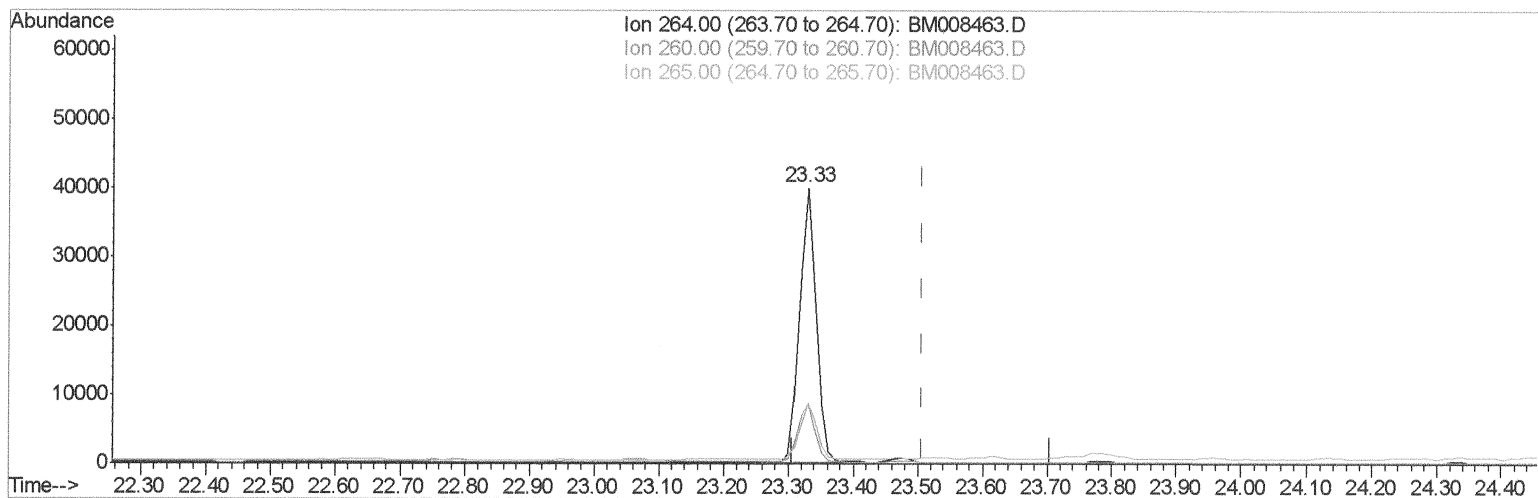
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121916\
Data File : BM008463.D
Acq On : 20 Dec 2016 04:12
Operator : UM/SJ
Sample : H5938-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA835

Manual Integrations
APPROVED

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Quant Time: Dec 20 13:15:47 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 20 04:48:59 2016
Response via : Initial Calibration



TIC: BM008463.D

(20) Perylene-d12 (I)
23.330min (-0.177) 0.40ng/ui
response 72875

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	22.31#
265.00	103.50	22.46#
0.00	0.00	0.00

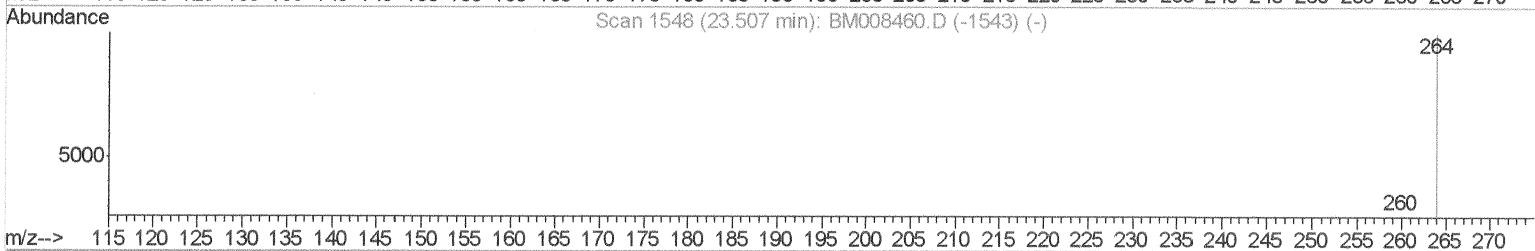
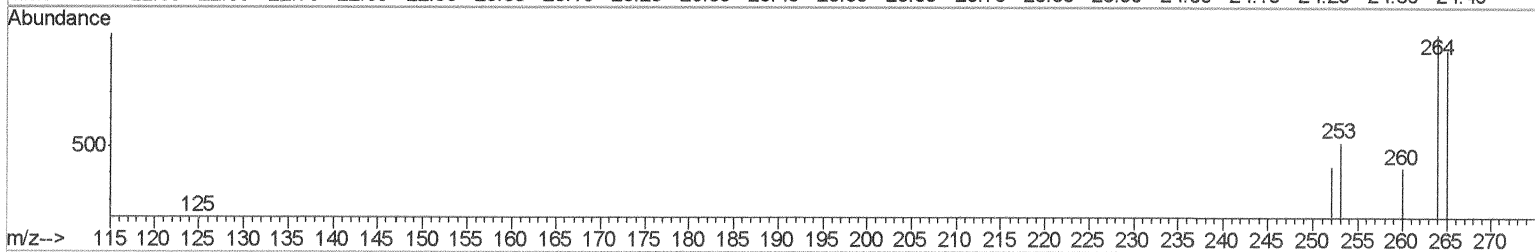
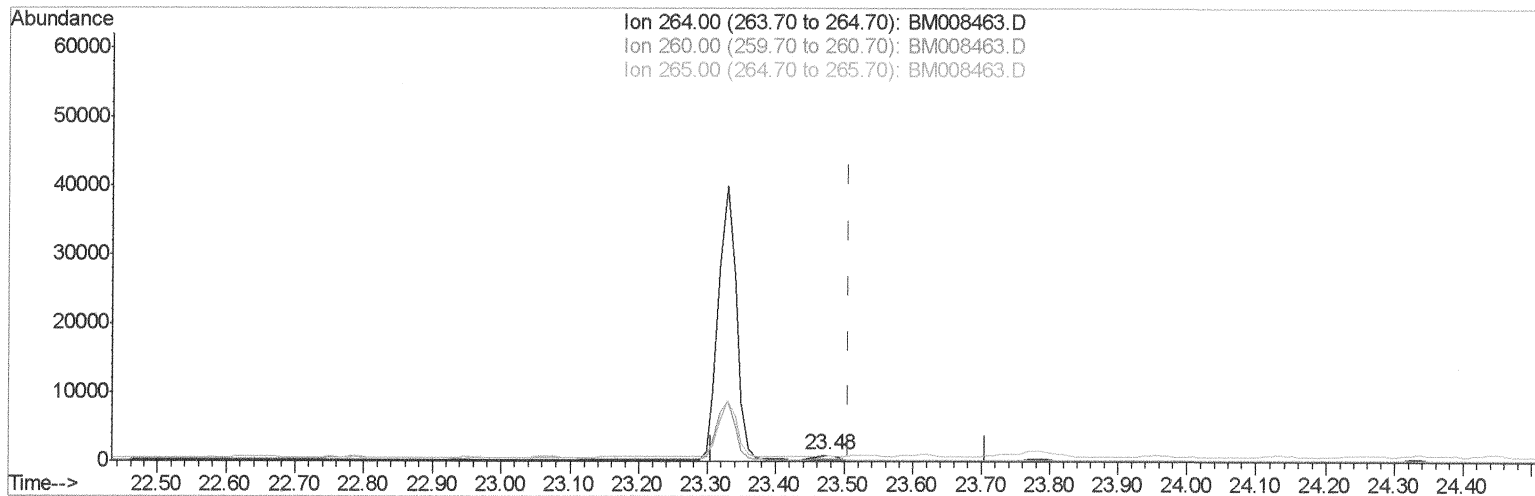
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121916\
Data File : BM008463.D
Acq On : 20 Dec 2016 04:12
Operator : UM/SJ
Sample : H5938-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA835

Manual Integrations
APPROVED

sohil
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Quant Time: Dec 20 13:15:47 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 20 04:48:59 2016
Response via : Initial Calibration



TIC: BM008463.D

(20) Perylene-d12 (I)

23.475min (-0.031) 0.40ng/ul m

SJ 12/21/16

response 1321

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	45.53#
265.00	103.50	93.36
0.00	0.00	0.00

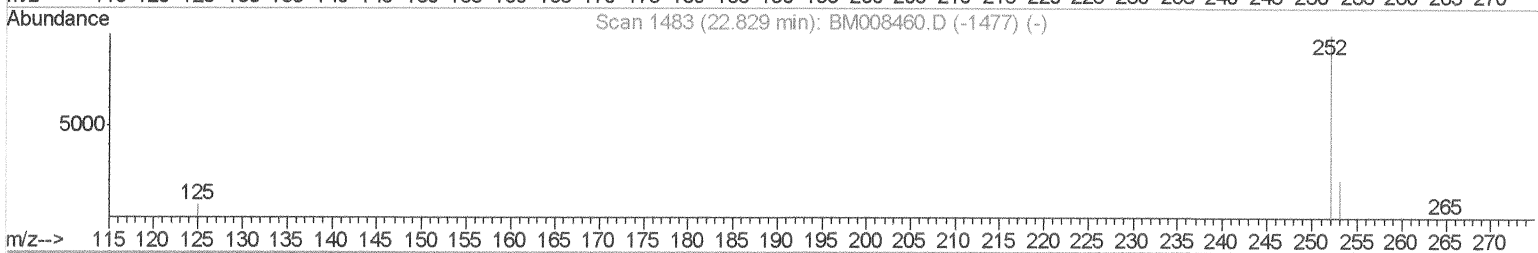
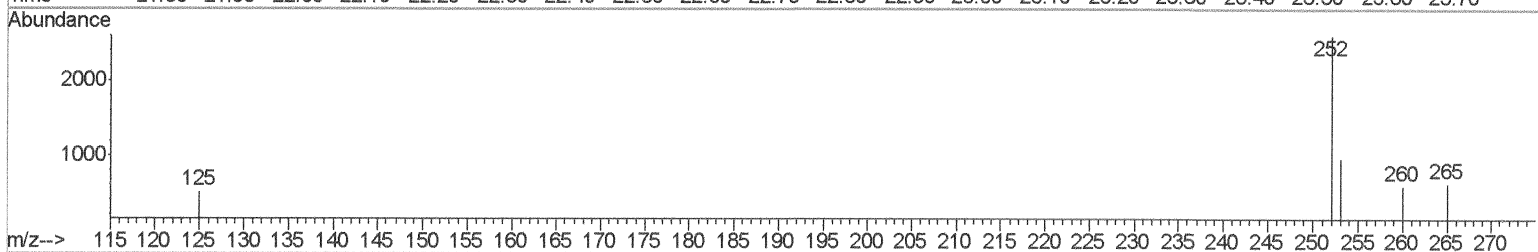
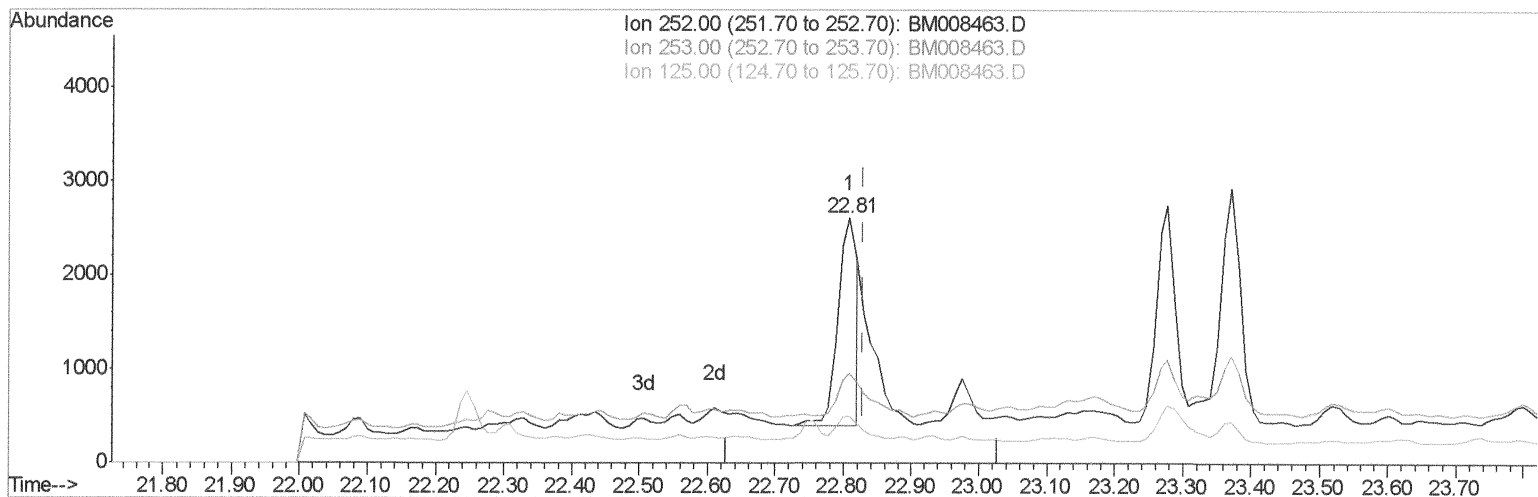
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Data File : BM008463.D
Acq On : 20 Dec 2016 04:12
Operator : UM/SJ
Sample : H5938-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
DA835

Manual Integrations
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Quant Time: Dec 20 13:17:38 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 20 04:48:59 2016
Response via : Initial Calibration



TIC: BM008463.D

(21) Benzo(b)fluoranthene

22.808min (-0.021) 0.86ng/ul

response 4474

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	36.67
125.00	17.50	19.45
0.00	0.00	0.00

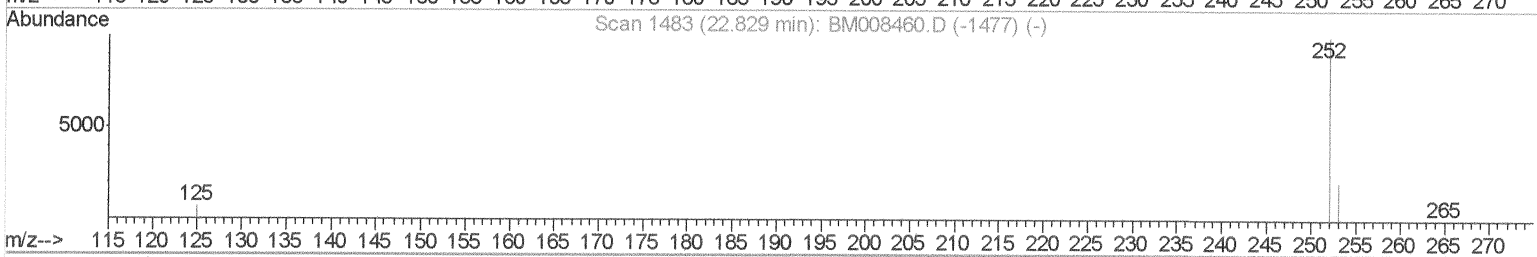
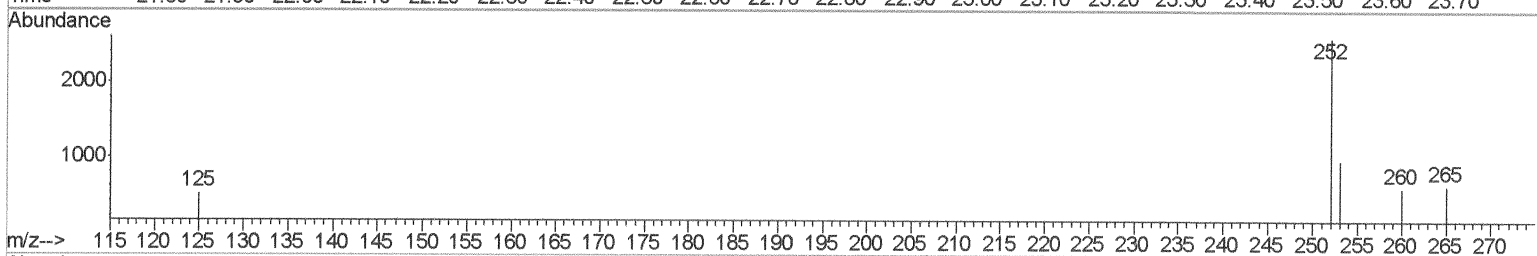
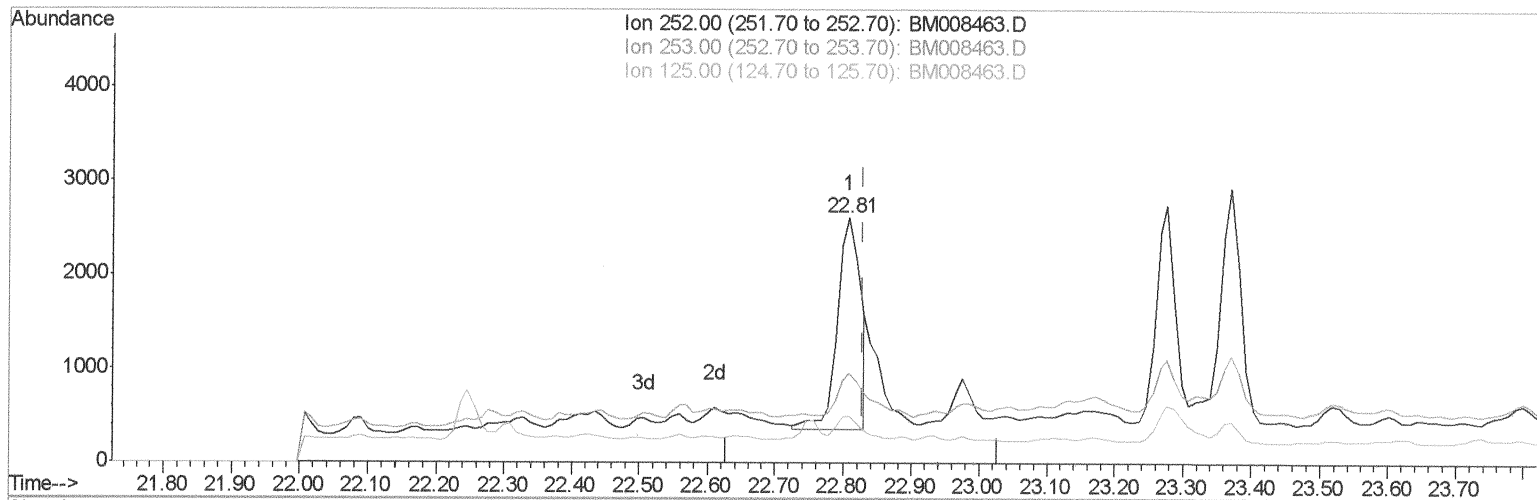
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121916\
Data File : BM008463.D
Acq On : 20 Dec 2016 04:12
Operator : UM/SJ
Sample : H5938-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA835

Manual Integrations
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Quant Time: Dec 20 13:17:38 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 20 04:48:59 2016
Response via : Initial Calibration



TIC: BM008463.D

(21) Benzo(b)fluoranthene

22.808min (-0.021) 1.05ng/ul m SJ 12/21/16

response 5469

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	36.67
125.00	17.50	19.45
0.00	0.00	0.00

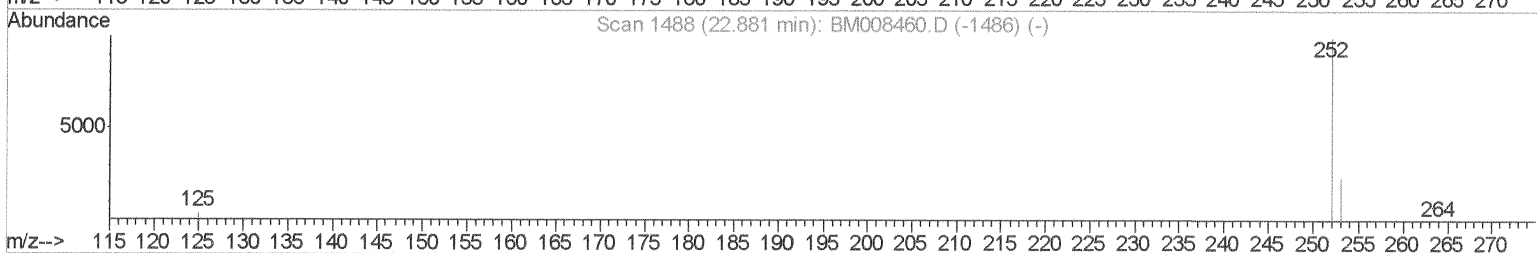
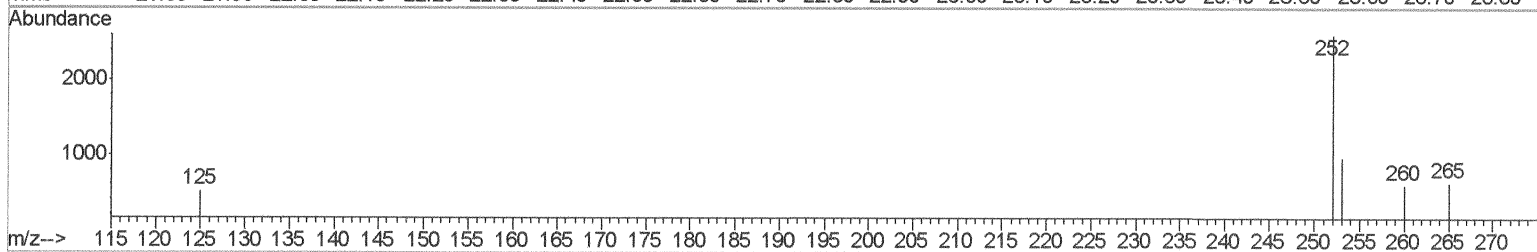
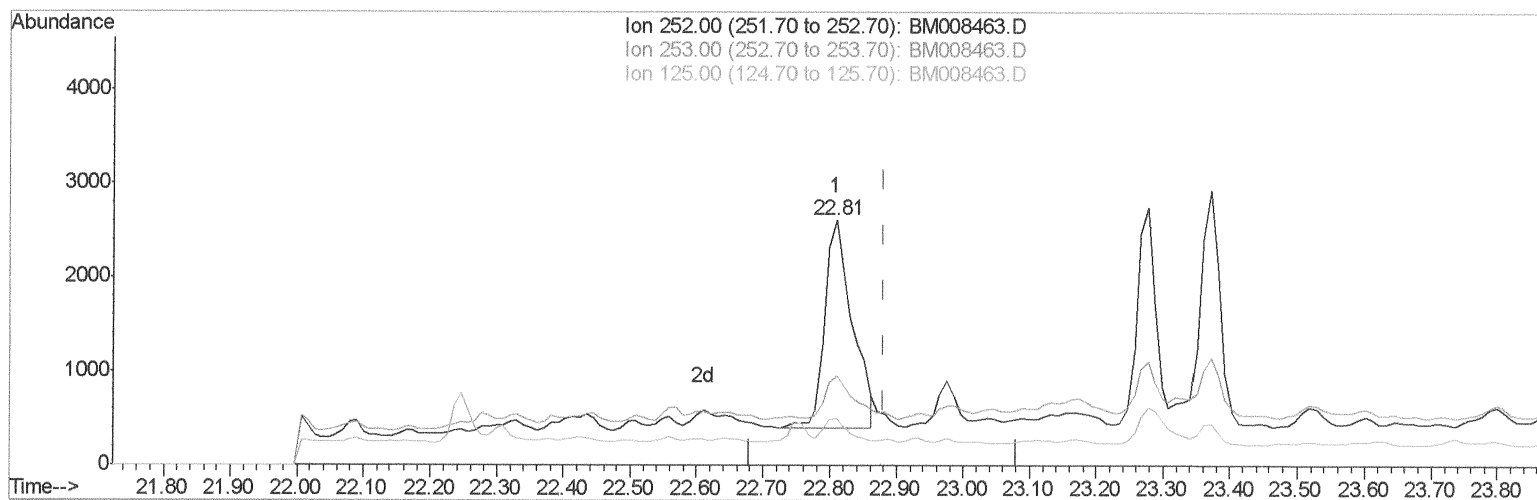
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121916\
Data File : BM008463.D
Acq On : 20 Dec 2016 04:12
Operator : UM/SJ
Sample : H5938-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA835

Manual Integrations
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Quant Time: Dec 20 13:17:38 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 20 04:48:59 2016
Response via : Initial Calibration



TIC: BM008463.D

(22) Benzo(k)fluoranthene

22.808min (-0.073) 1.26ng/ul

response 6418

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	36.67
125.00	17.10	19.45
0.00	0.00	0.00

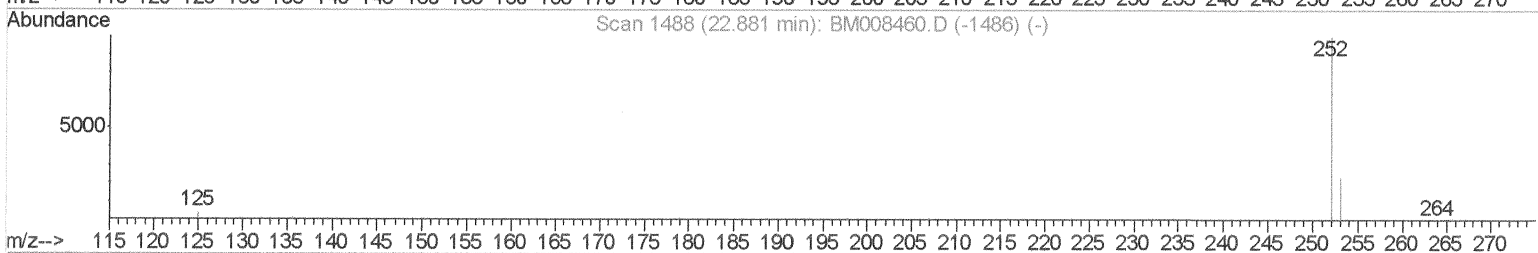
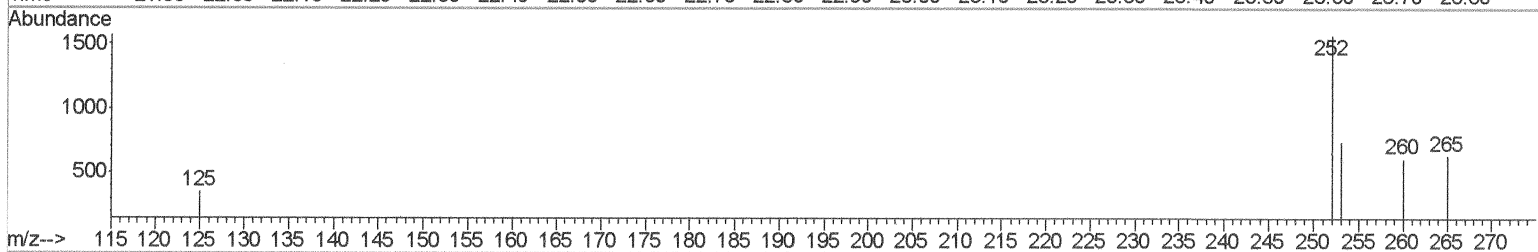
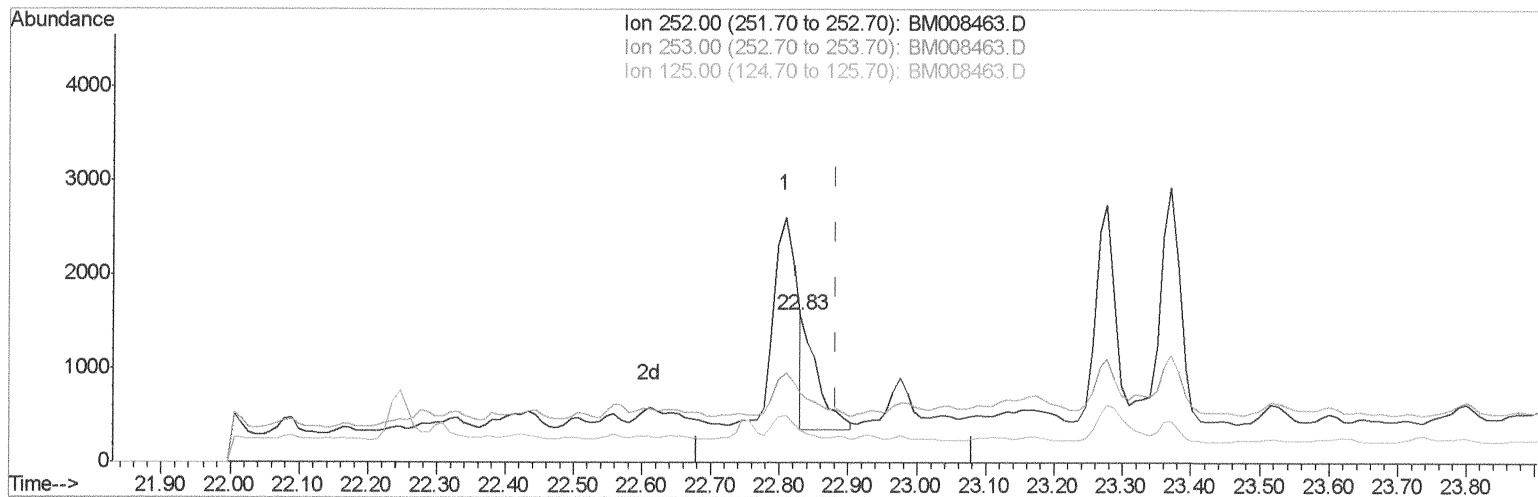
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121916\
Data File : BM008463.D
Acq On : 20 Dec 2016 04:12
Operator : UM/SJ
Sample : H5938-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA835

Manual Integrations
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Quant Time: Dec 20 13:17:38 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
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Response via : Initial Calibration



TIC: BM008463.D

(22) Benzo(k)fluoranthene

22.829min (-0.052) 0.34ng/ul m 53 12/21/16

response 1706

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	47.48#
125.00	17.10	22.40#
0.00	0.00	0.00

Quantitation Report (Qedit)

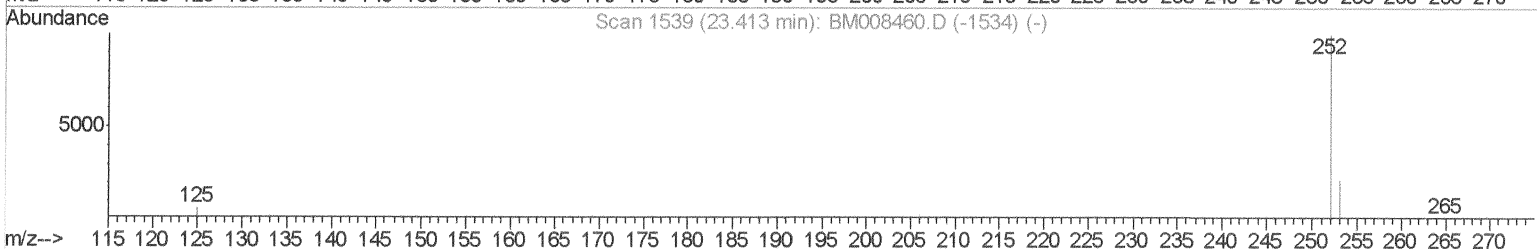
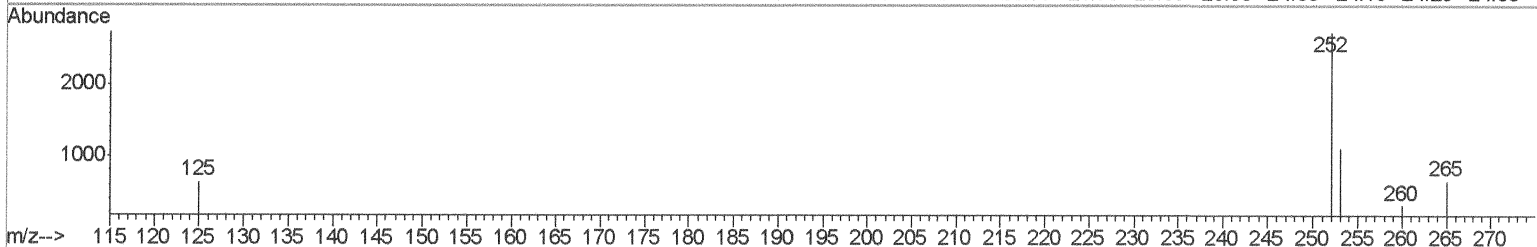
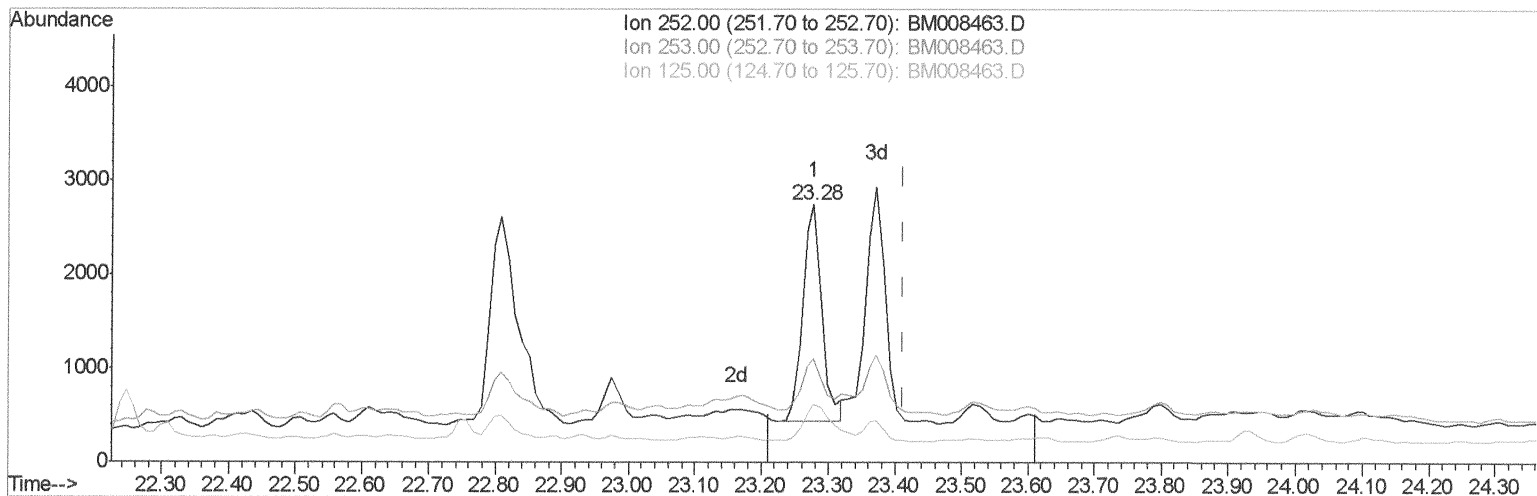
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121916\
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 Acq On : 20 Dec 2016 04:12
 Operator : UM/SJ
 Sample : H5938-13
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampled :
 DA835

Manual Integrations
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Quant Time: Dec 20 13:17:38 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
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 QLast Update : Tue Dec 20 04:48:59 2016
 Response via : Initial Calibration



TIC: BM008463.D

(23) Benzo(a)pyrene (C)
 23.277min (-0.135) 0.95ng/ul
 response 4595

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	40.50
125.00	22.60	22.86
0.00	0.00	0.00

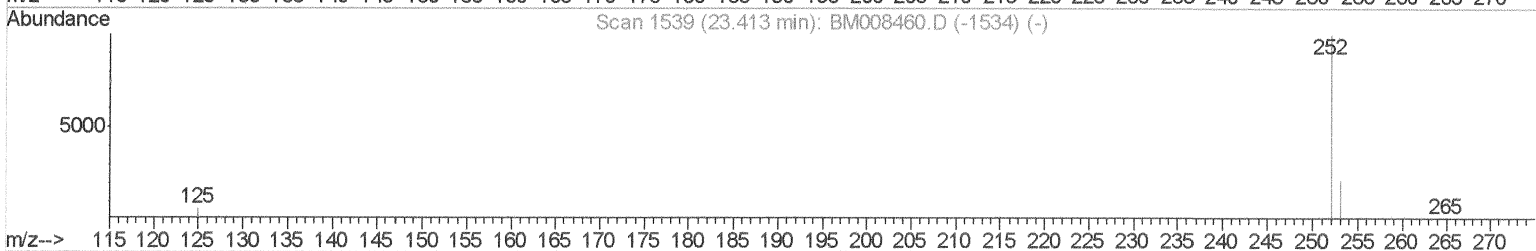
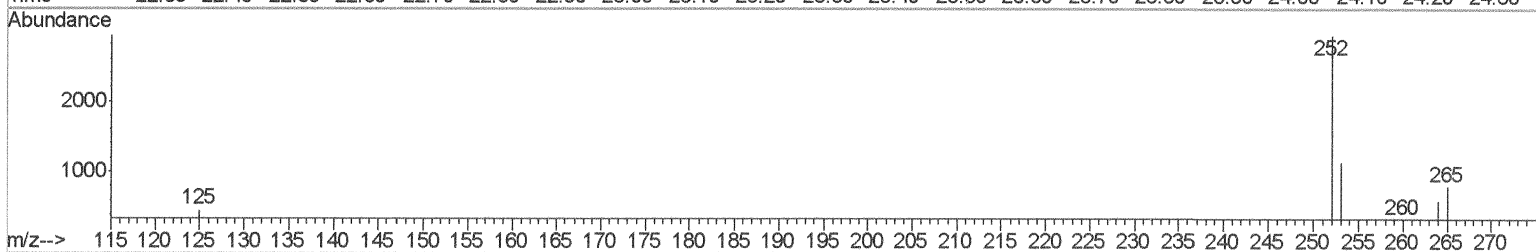
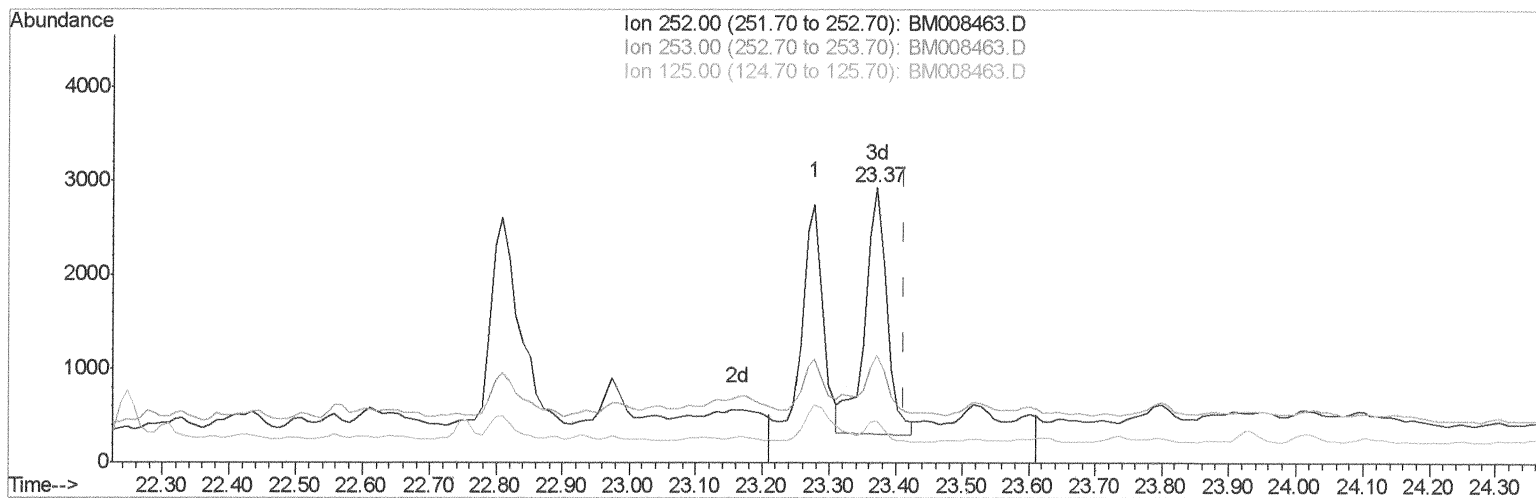
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Data File : BM008463.D
Acq On : 20 Dec 2016 04:12
Operator : UM/SJ
Sample : H5938-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA835

Manual Integrations
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Quant Time: Dec 20 13:17:38 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 20 04:48:59 2016
Response via : Initial Calibration



TIC: BM008463.D

(23) Benzo(a)pyrene (C)

23.371min (-0.042) 1.27ng/ul m

SJ 12/21/16

response 6116

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	39.04
125.00	22.60	15.63#
0.00	0.00	0.00

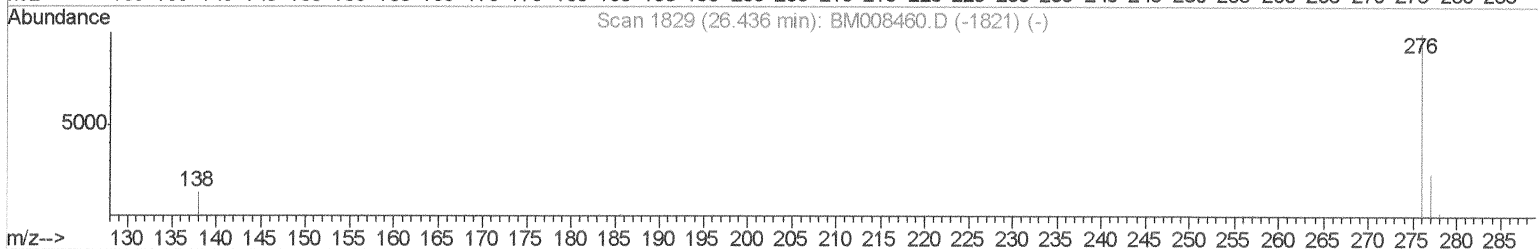
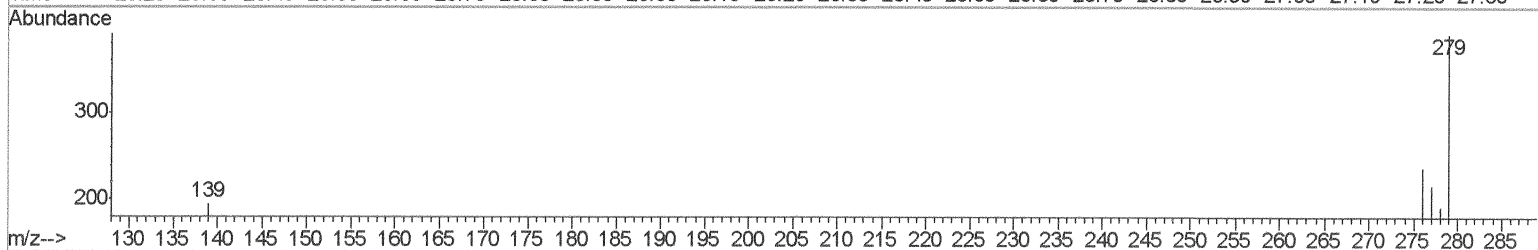
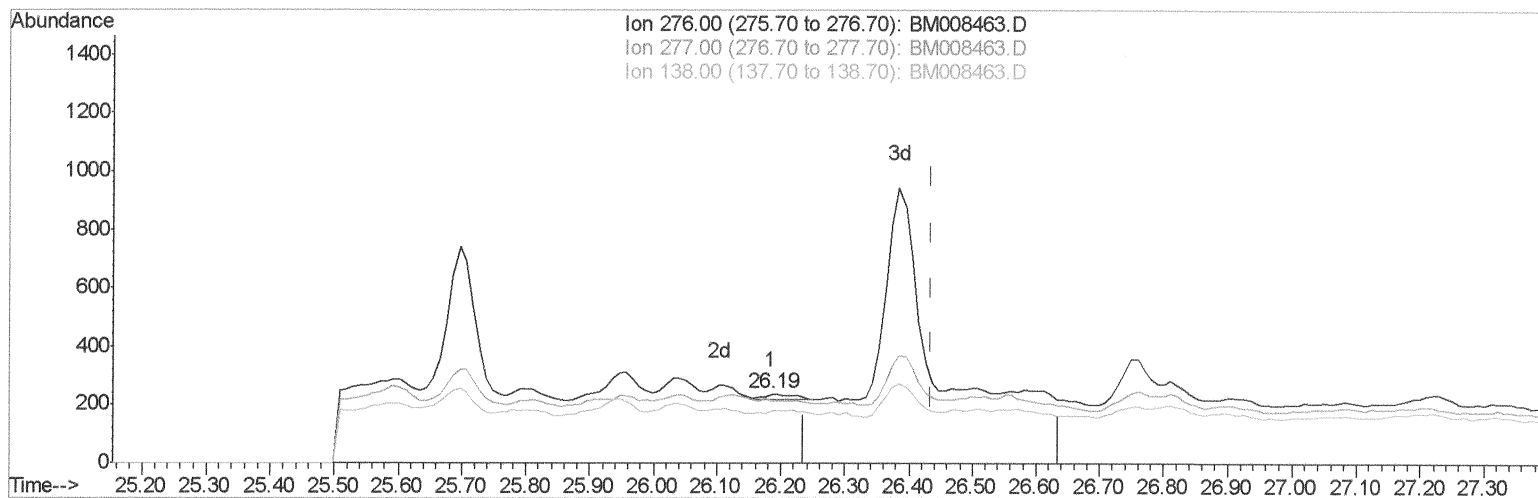
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121916\
Data File : BM008463.D
Acq On : 20 Dec 2016 04:12
Operator : UM/SJ
Sample : H5938-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA835

Manual Integrations
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Quant Time: Dec 20 13:17:38 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



TIC: BM008463.D

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

26.186min (-0.250) 0.01ng/ul

response 63

Ion	Exp%	Act%
276.00	100	100
277.00	27.30	91.53#
138.00	25.60	76.27#
0.00	0.00	0.00

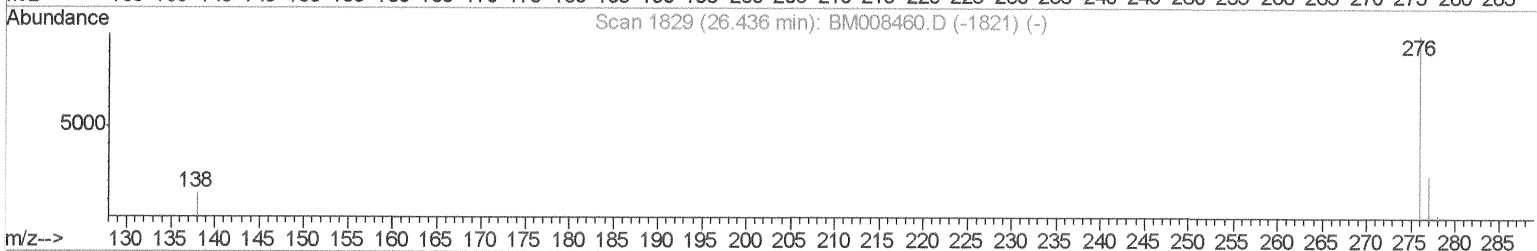
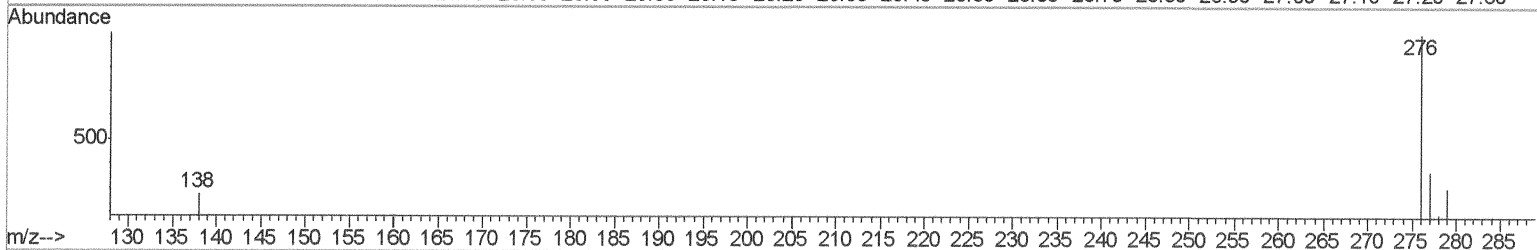
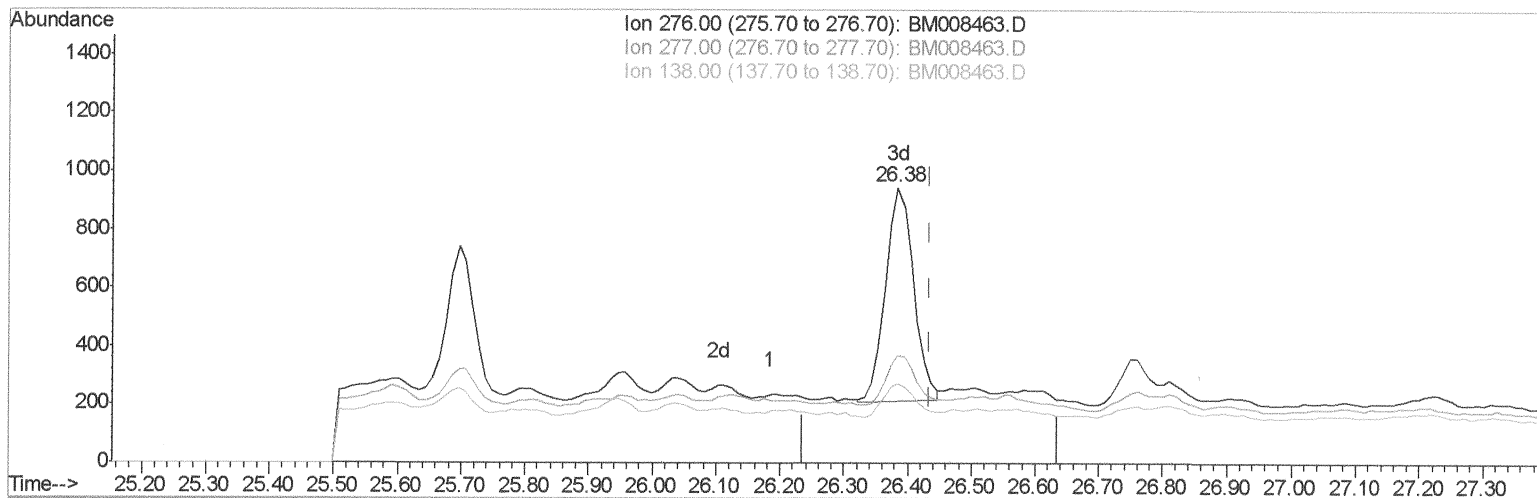
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121916\
Data File : BM008463.D
Acq On : 20 Dec 2016 04:12
Operator : UM/SJ
Sample : H5938-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
DA835

Manual Integrations
APPROVED

sohil
12/20/2016 6:31:24 PM

Quant Time: Dec 20 13:17:38 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 20 04:48:59 2016
Response via : Initial Calibration



TIC: BM008463.D

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

26.384min (-0.052) 0.46ng/ul m

SJ 12/21/16

response 2267

Ion	Exp%	Act%
276.00	100	100
277.00	27.30	39.30#
138.00	25.60	29.03
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM121916\
 Data File : BM008463.D
 Acq On : 20 Dec 2016 04:12
 Operator : UM/SJ
 Sample : H5938-13
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA835

Manual Integrations
 APPROVED

sohil
 12/20/2016 6:31:24 PM

Quant Time: Dec 20 13:20:08 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 20 04:48:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	440	0.40	ng/ul	-0.06
2) Naphthalene-d8	10.42	136	2966	0.40	ng/ul	-0.07
6) Acenaphthene-d10	14.30	164	1275m	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.04	188	1679m	0.40	ng/ul	-0.05
16) Chrysene-d12	21.24	240	1557m	0.40	ng/ul	-0.03
20) Perylene-d12	23.48	264	1321m	0.40	ng/ul	-0.03

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System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.02	152	683	0.15	ng/ul	-0.08
14) Fluoranthene-d10	19.09	212	1313m	0.28	ng/ul	-0.02

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Target Compounds

					Qvalue
3) Naphthalene	10.48	128	24121	2.89	ng/ul 94
5) 2-Methylnaphthalene	12.09	142	32802	5.84	ng/ul 100
8) Acenaphthene	14.35	153	2384m	0.55	ng/ul
9) Fluorene	15.34	166	6551m	1.32	ng/ul
12) Phenanthrene	17.07	178	47449	9.25	ng/ul 97
13) Anthracene	17.18	178	4004m	0.80	ng/ul
15) Fluoranthene	19.11	202	10253	1.63	ng/ul 91
17) Pyrene	19.48	202	11694	1.94	ng/ul 96
18) Benzo(a)anthracene	21.22	228	8354m	1.63	ng/ul
19) Chrysene	21.28	228	12033m	2.15	ng/ul
21) Benzo(b)fluoranthene	22.81	252	5469m	1.05	ng/ul
22) Benzo(k)fluoranthene	22.83	252	1706m	0.34	ng/ul
23) Benzo(a)pyrene	23.37	252	6116m	1.27	ng/ul
26) Benzo(g,h,i)perylene	26.38	276	2267m	0.46	ng/ul

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