

Quantitation Report (Qedit)

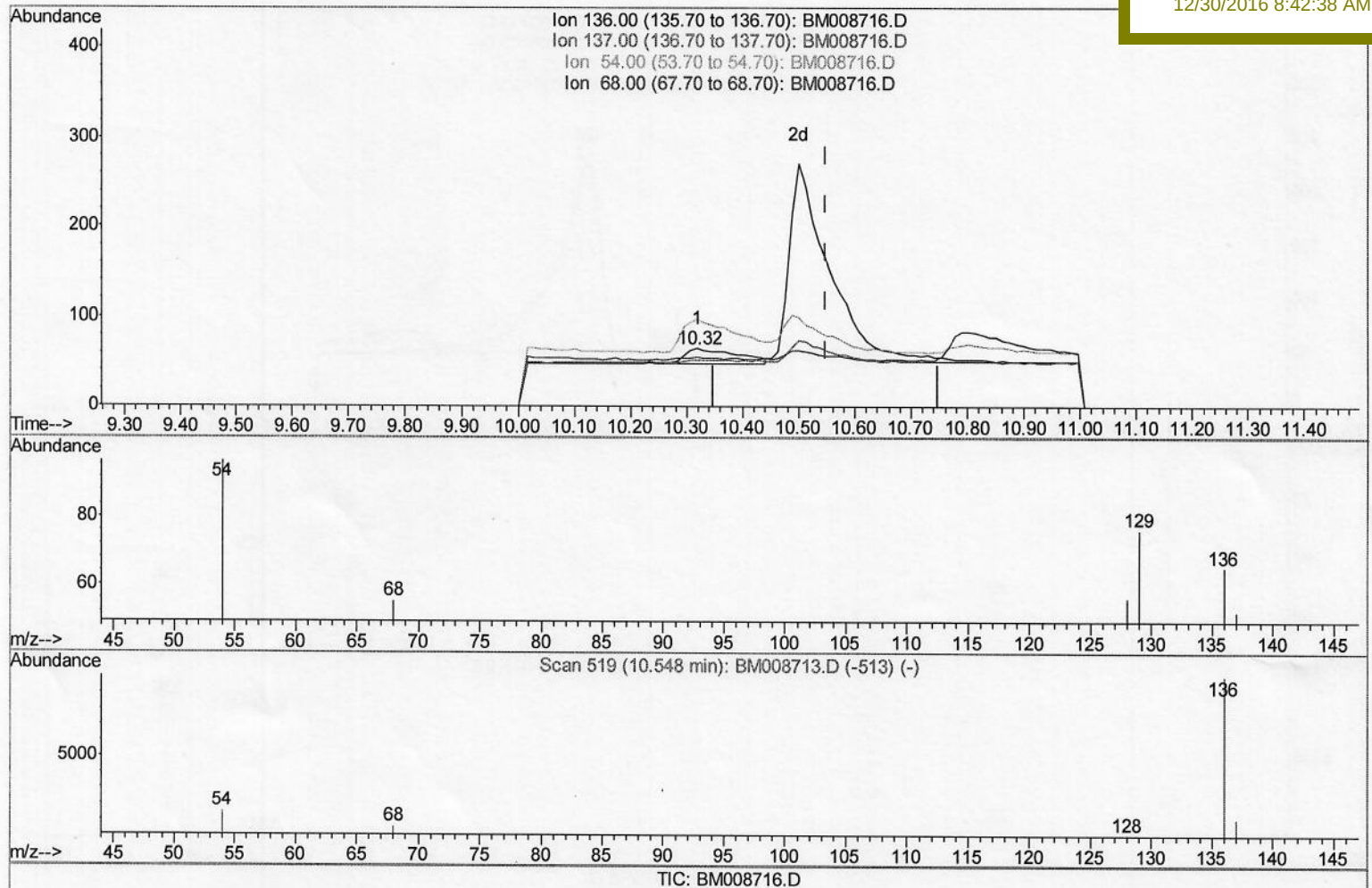
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
Data File : BM008716.D
Acq On : 29 Dec 2016 12:26
Operator : UM/SJ
Sample : H6067-05DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 30 00:57:32 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 30 00:54:22 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA7F6DL

Manual Integrations
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12/30/2016 8:42:38 AM



(2) Naphthalene-d8 (I)

10.319min (-0.230) 0.40ng/ul

response 110

Ion	Exp%	Act%
136.00	100	100
137.00	13.90	80.00#
54.00	15.50	149.23#
68.00	9.90	84.62#

Quantitation Report (Qedit)

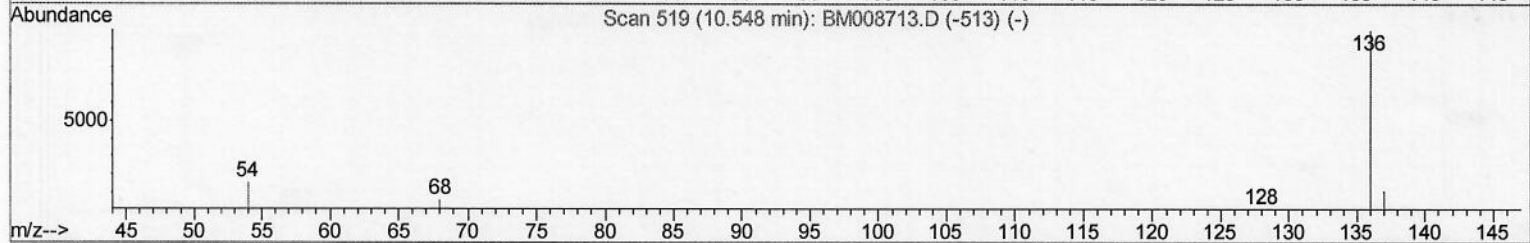
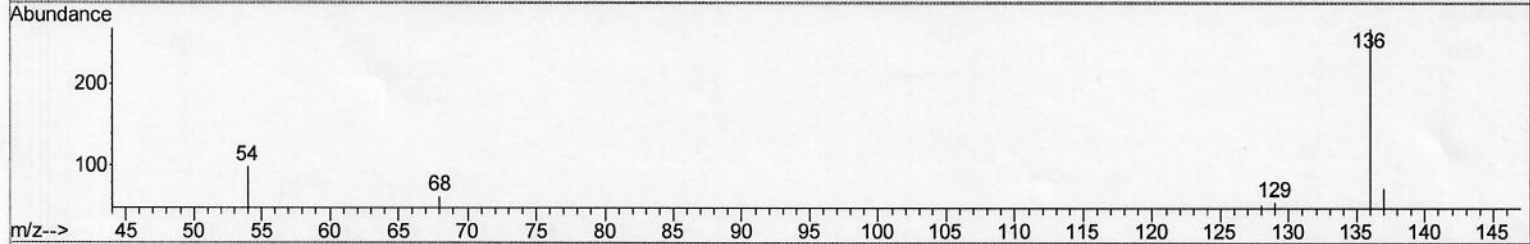
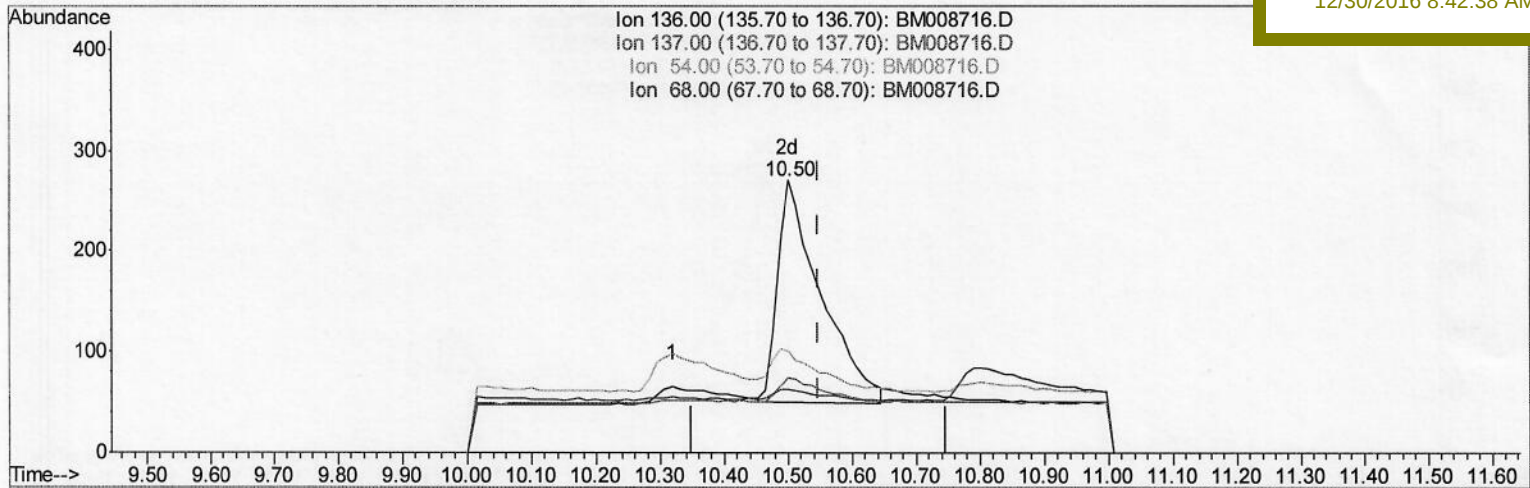
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TIC: BM008716.D

(2) Naphthalene-d8 (I)

10.500min (-0.048) 0.40ng/ul m

response 1043

Ion	Exp%	Act%
136.00	100	100
137.00	13.90	27.41#
54.00	15.50	36.67#
68.00	9.90	23.33#

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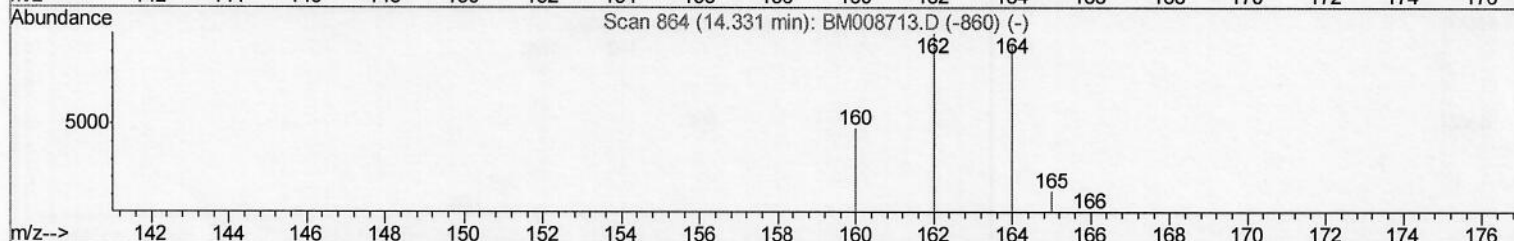
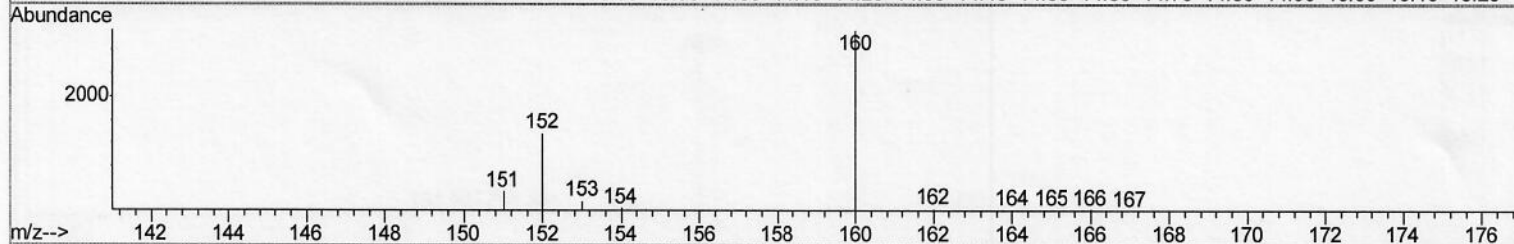
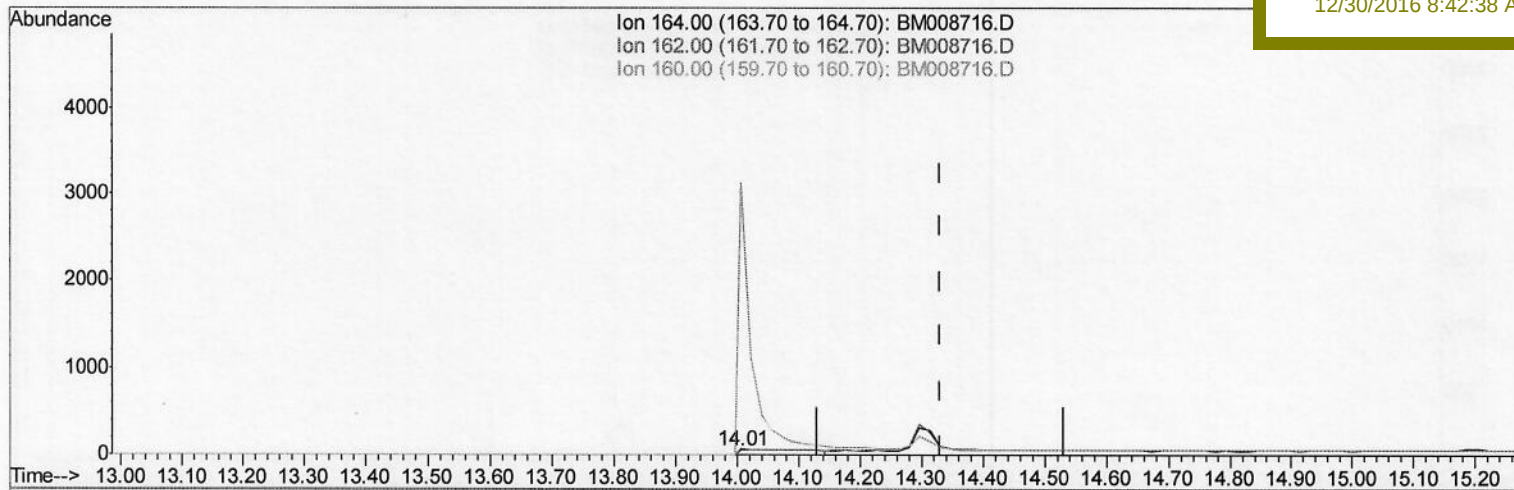
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TIC: BM008716.D

(6) Acenaphthene-d10 (I)
 14.006min (-0.325) 0.40ng/ul
 response 436

Ion	Exp%	Act%
164.00	100	100
162.00	98.60	145.28#
160.00	48.80	5900.00#
0.00	0.00	0.00

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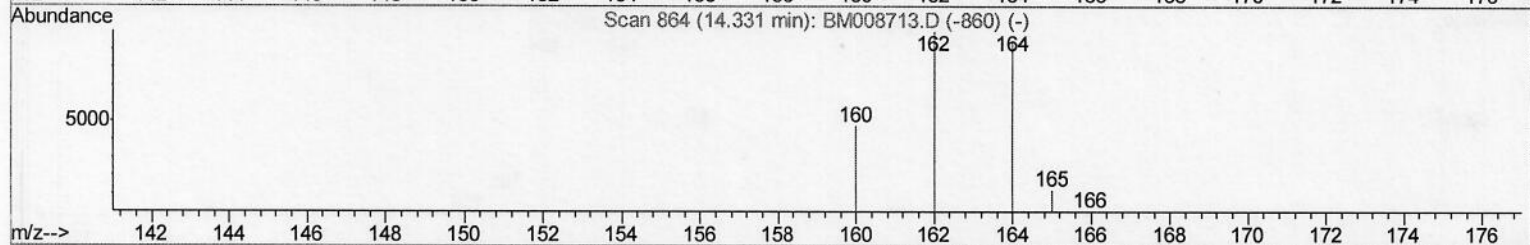
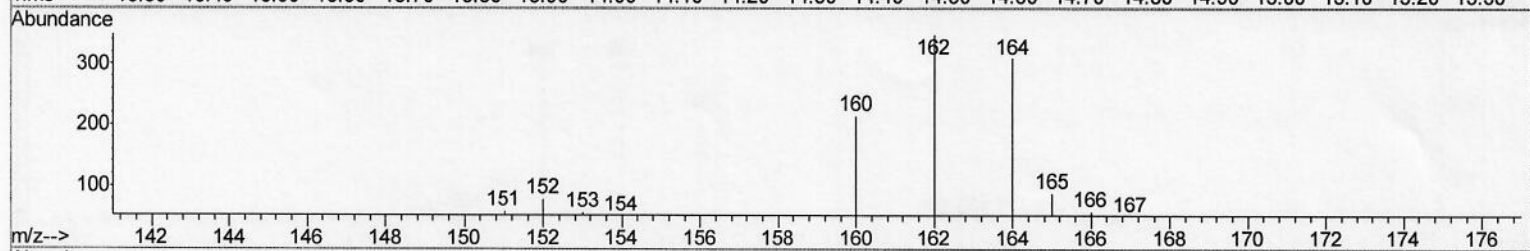
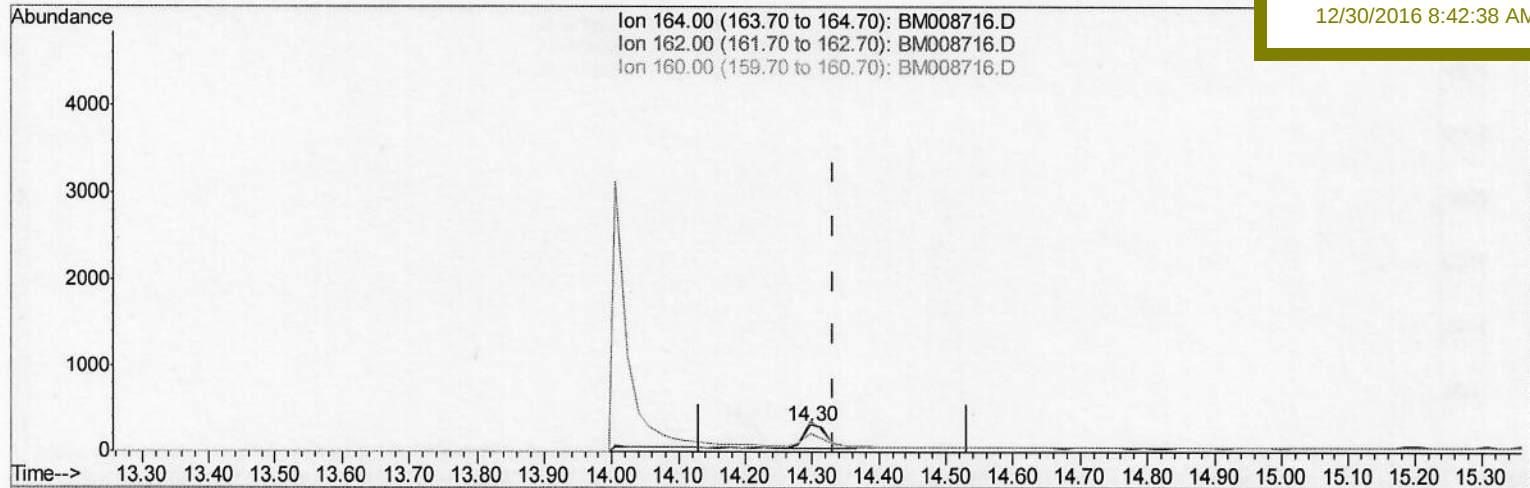
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TIC: BM008716.D

(6) Acenaphthene-d10 (I)

14.297min (-0.034) 0.40ng/ul m

response 647

Ion	Exp%	Act%
164.00	100	100
162.00	98.60	112.58
160.00	48.80	69.35#
0.00	0.00	0.00

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Quantitation Report (Qedit)

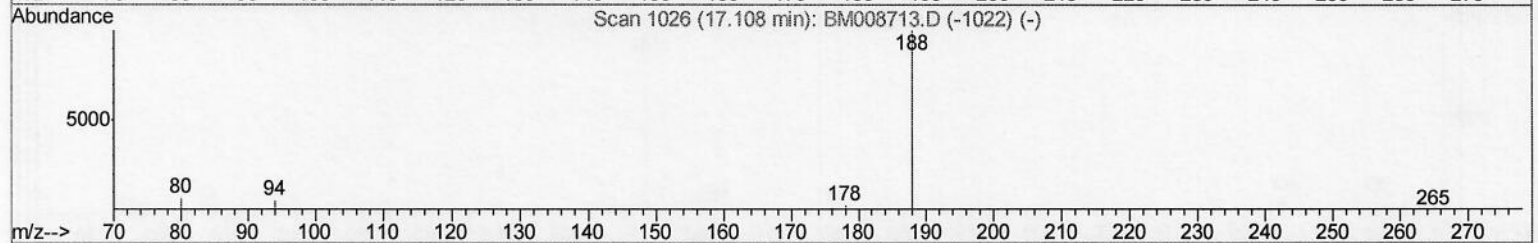
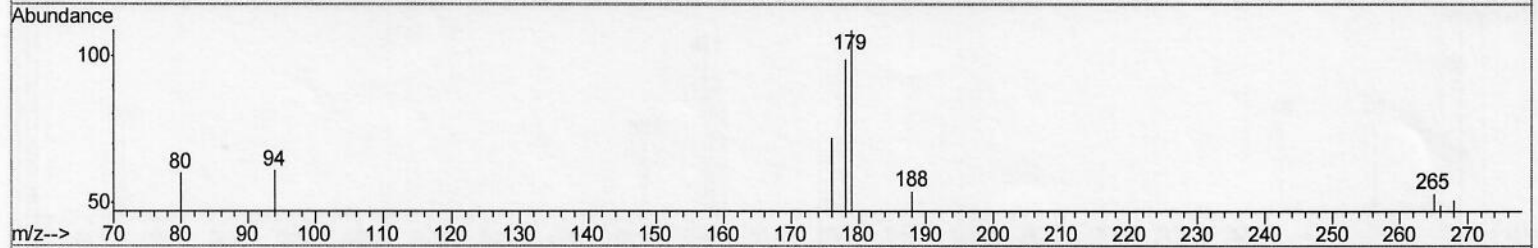
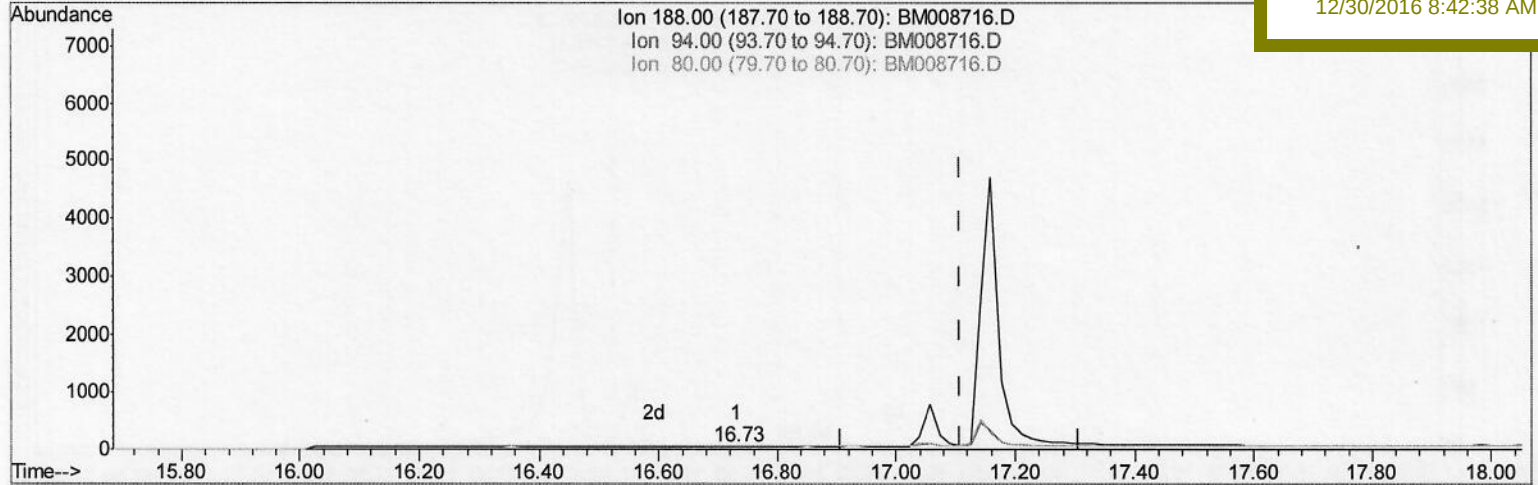
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TIC: BM008716.D

(10) Phenanthrene-d10 (I)
 16.730min (-0.377) 0.40ng/ul
 response 10

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	112.96#
80.00	11.80	111.11#
0.00	0.00	0.00

Quantitation Report (Qedit)

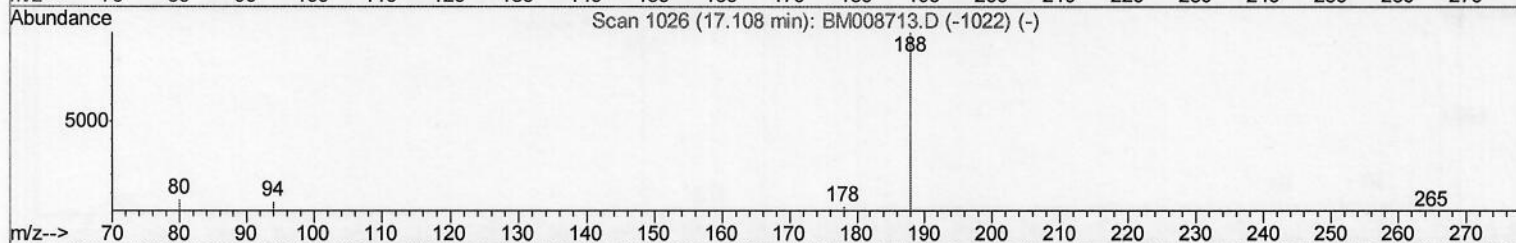
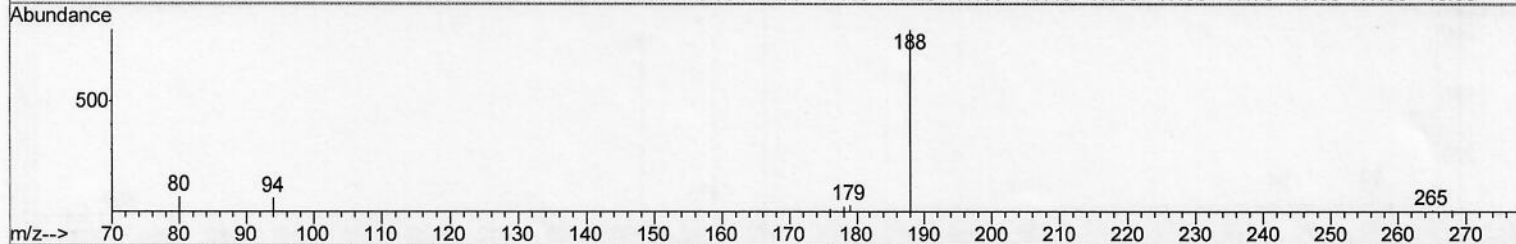
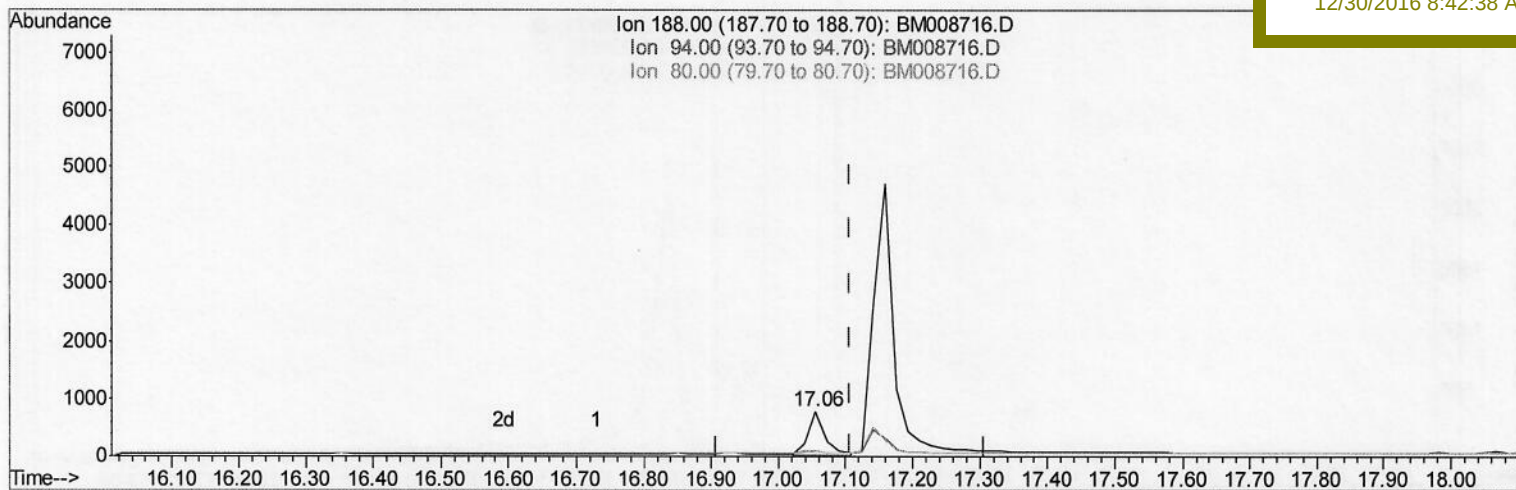
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Misc :
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TIC: BM008716.D

(10) Phenanthrene-d10 (I)

17.056min (-0.051) 0.40ng/ul m

response 1331

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	13.14
80.00	11.80	13.64
0.00	0.00	0.00

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Quantitation Report (Qedit)

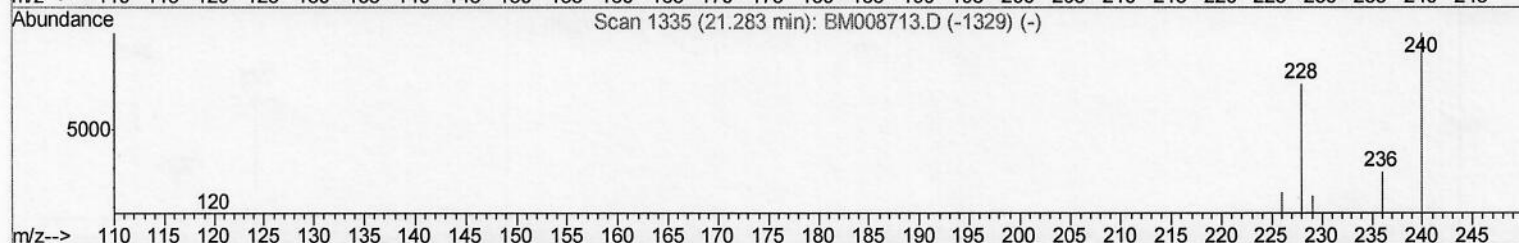
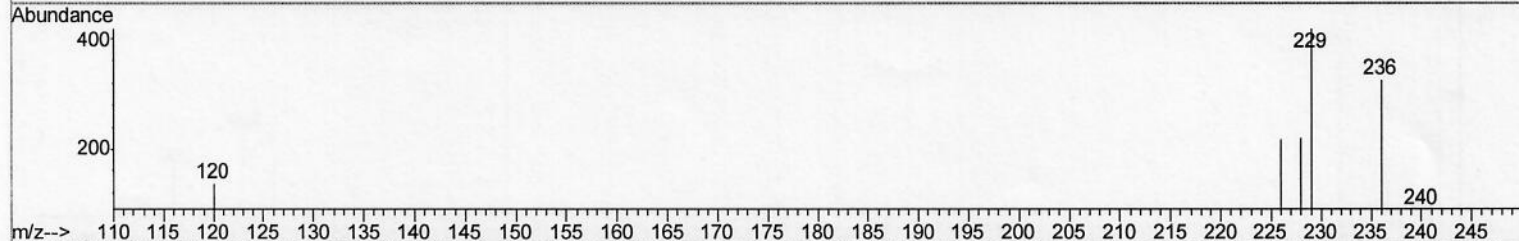
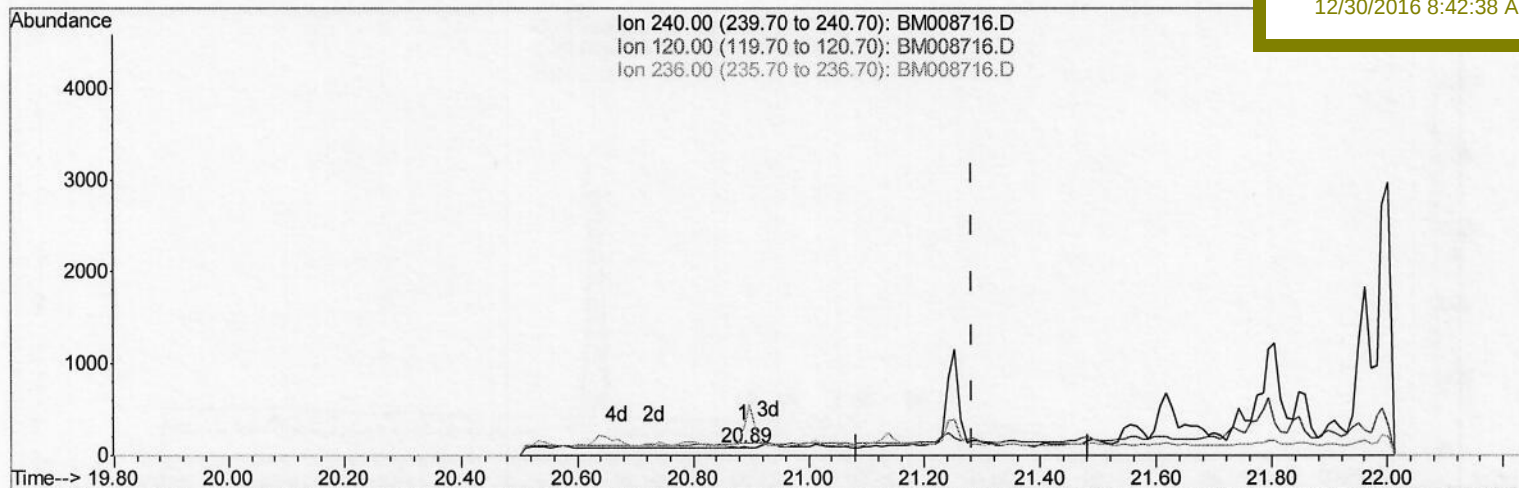
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TIC: BM008716.D

(16) Chrysene-d12 (I)

20.887min (-0.396) 0.40ng/ul

response 28

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	150.55#
236.00	34.90	357.14#
0.00	0.00	0.00

Quantitation Report (Qedit)

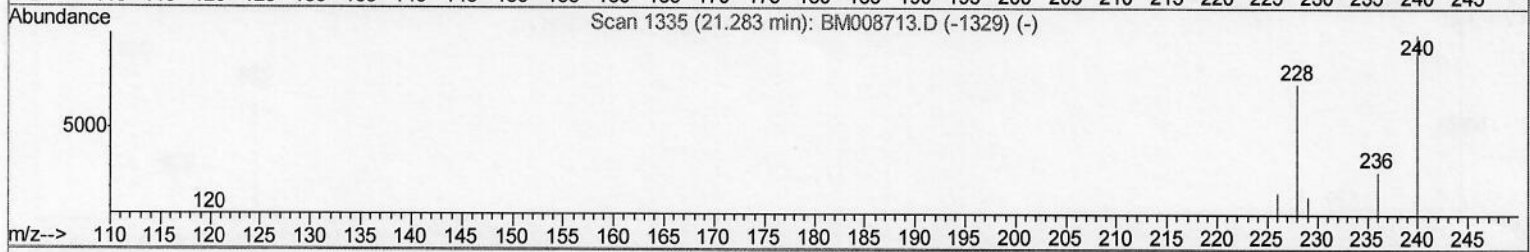
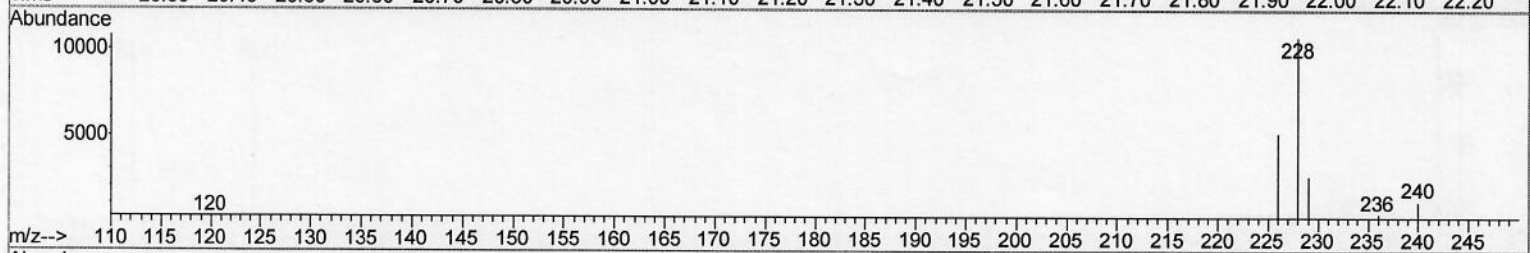
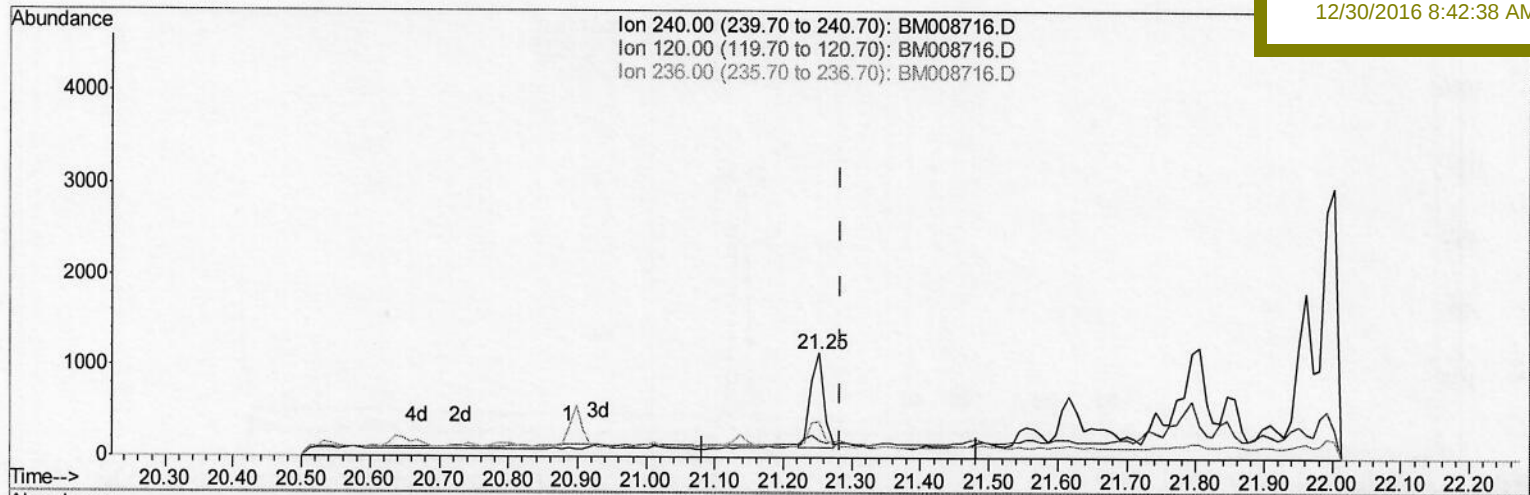
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 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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TIC: BM008716.D

(16) Chrysene-d12 (I)

21.252min (-0.031) 0.40ng/ul m

response 1377

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	16.23#
236.00	34.90	33.86
0.00	0.00	0.00

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Quantitation Report (Qedit)

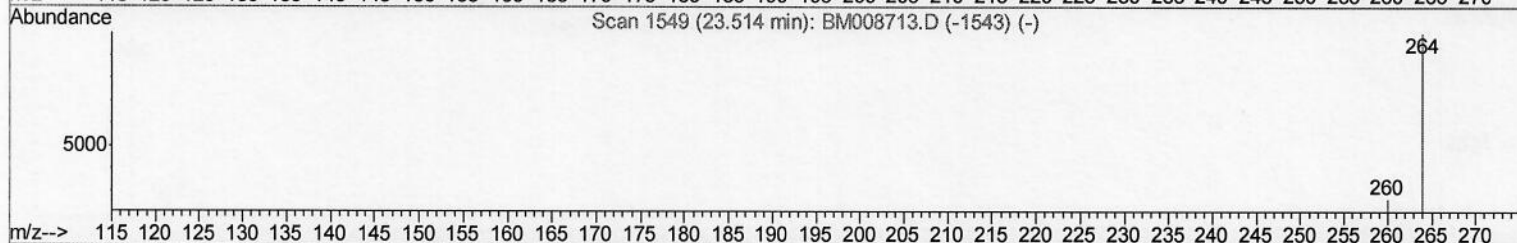
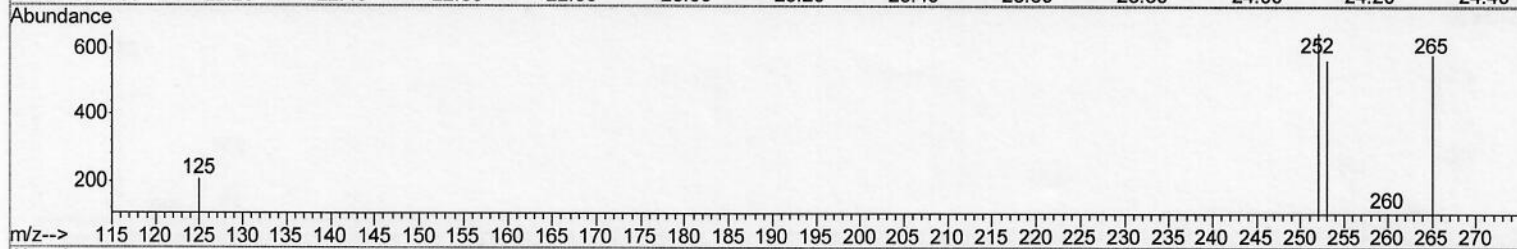
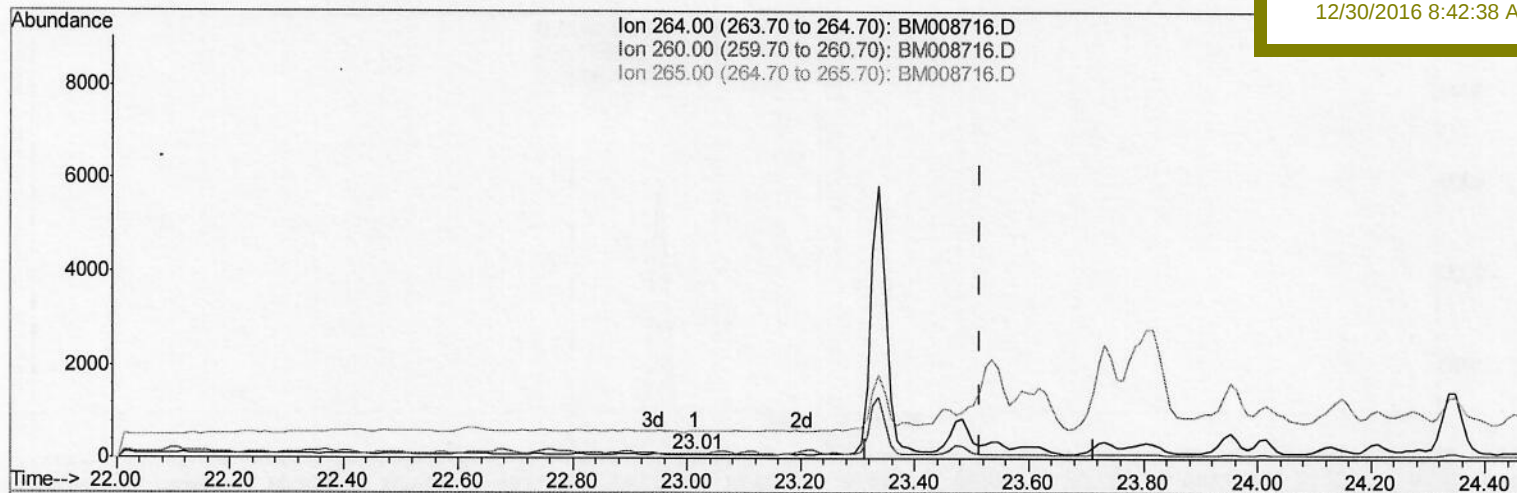
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
 Data File : BM008716.D
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 Operator : UM/SJ
 Sample : H6067-05DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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(20) Perylene-d12 (I)
 23.013min (-0.500) 0.40ng/ul
 response 55

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	104.76#
265.00	103.50	558.10#
0.00	0.00	0.00

Quantitation Report (Qedit)

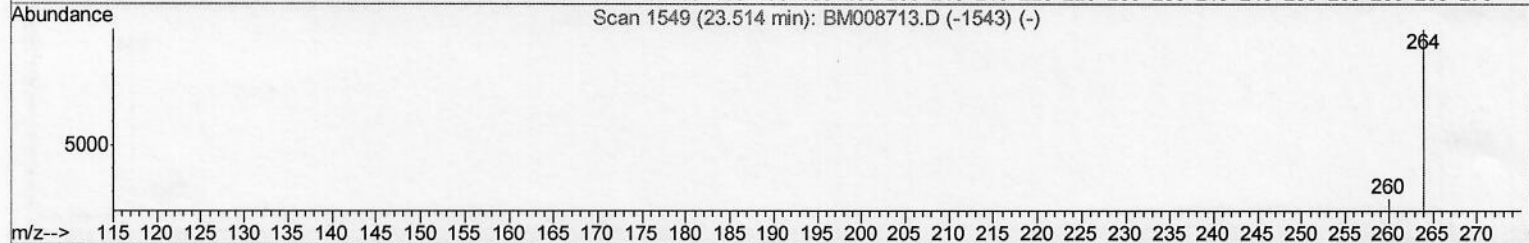
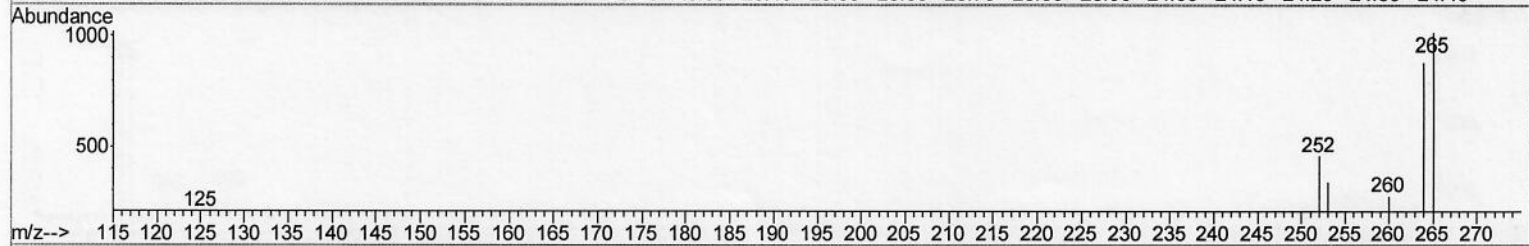
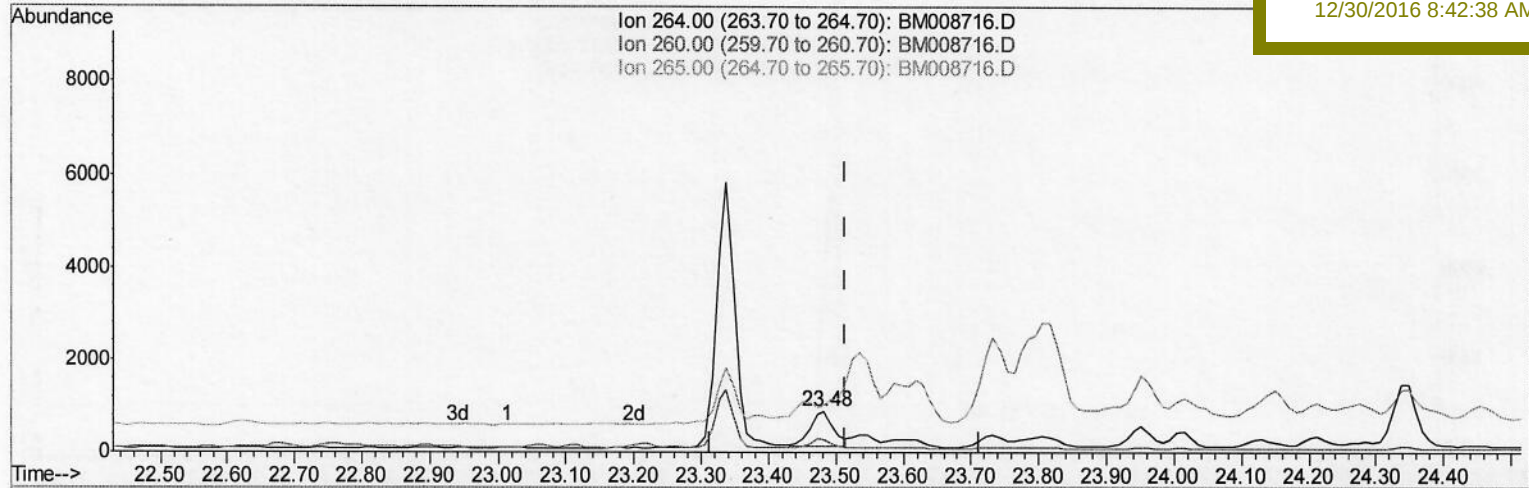
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(20) Perylene-d12 (I)

23.483min (-0.031) 0.40ng/ul m

response 1813

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	30.73
265.00	103.50	115.03
0.00	0.00	0.00

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Quantitation Report (Qedit)

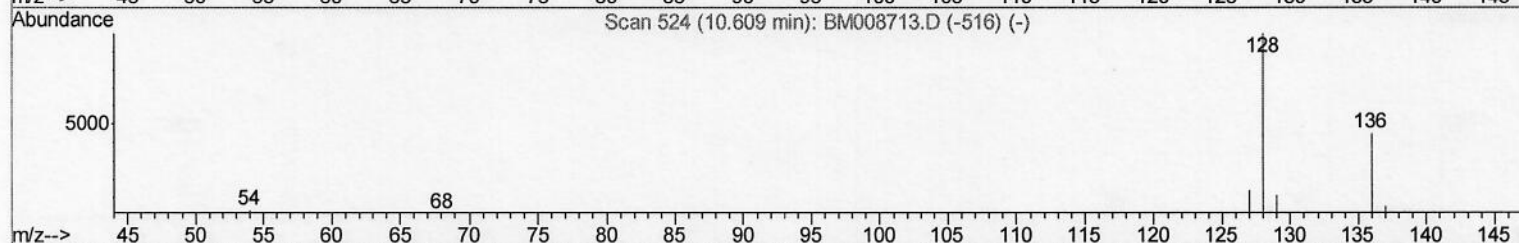
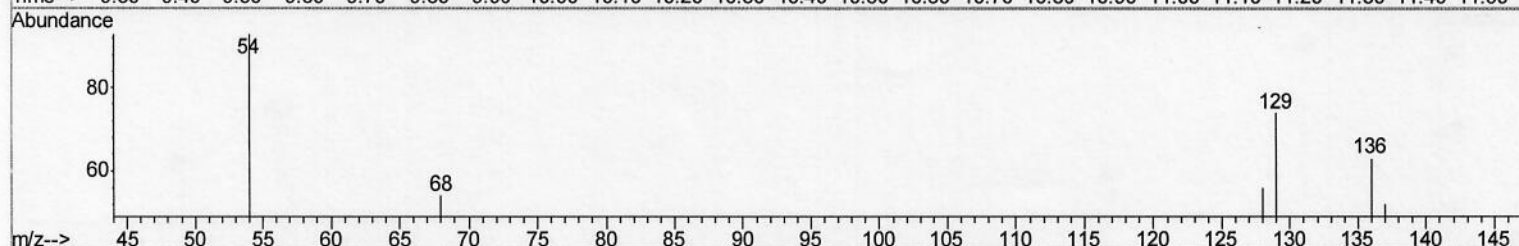
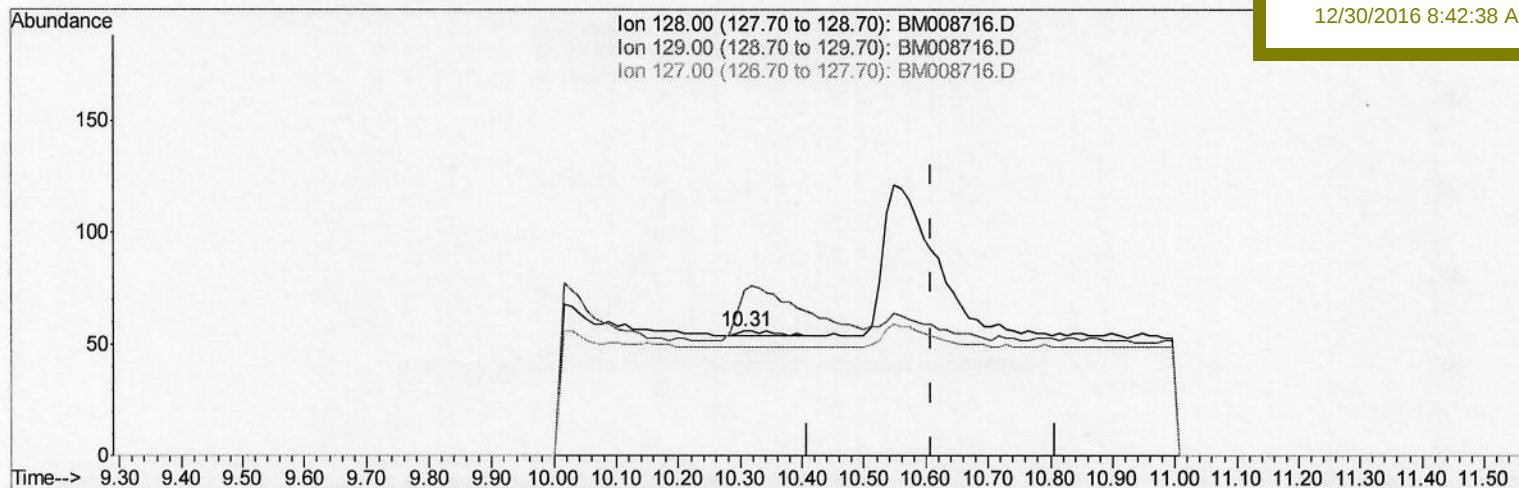
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Quant Time: Dec 30 02:25:49 2016
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TIC: BM008716.D

(3) Naphthalene

10.306min (-0.302) 0.00ng/ul

response 8

Ion	Exp%	Act%
128.00	100	100
129.00	14.10	132.14#
127.00	16.00	87.50#
0.00	0.00	0.00

Quantitation Report (Qedit)

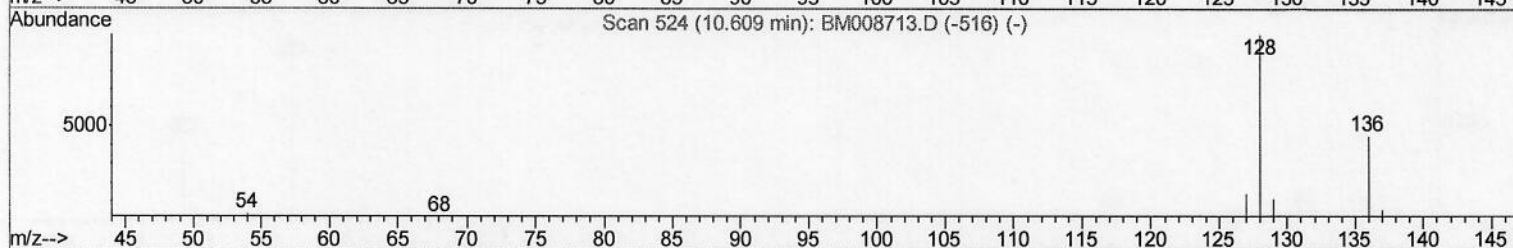
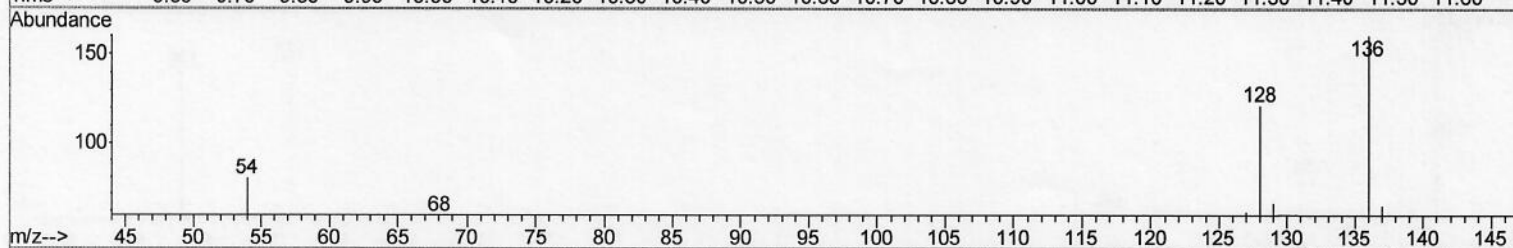
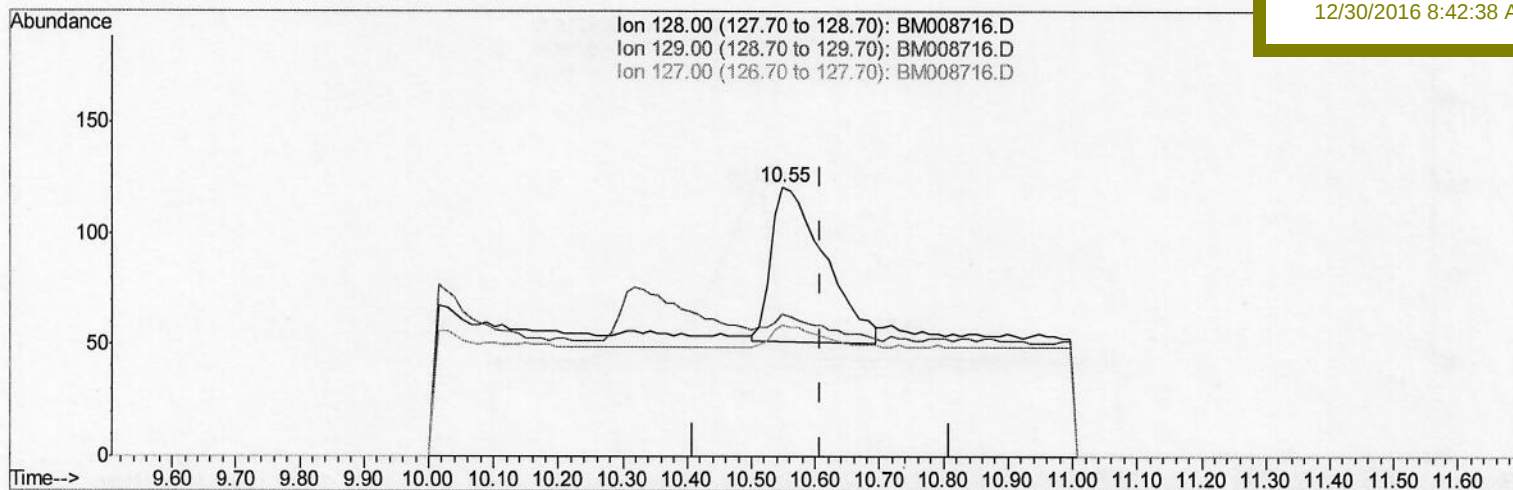
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TIC: BM008716.D

(3) Naphthalene

10.548min (-0.060) 0.14ng/ul m

response 408

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Ion	Exp%	Act%
128.00	100	100
129.00	14.10	52.89#
127.00	16.00	48.76#
0.00	0.00	0.00

Quantitation Report (Qedit)

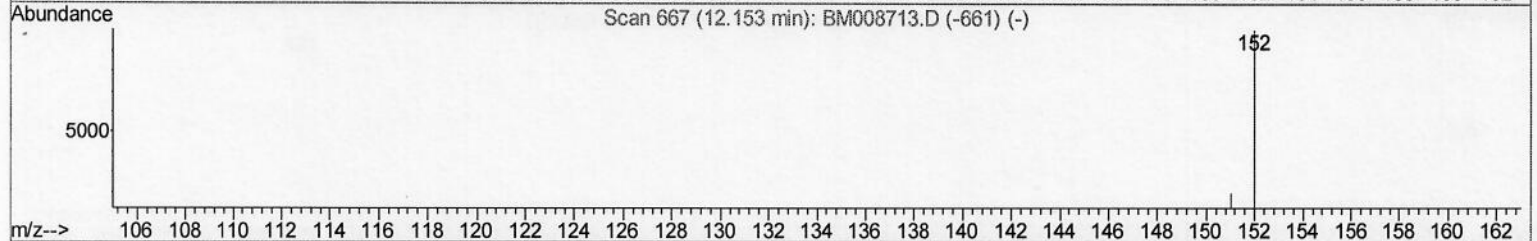
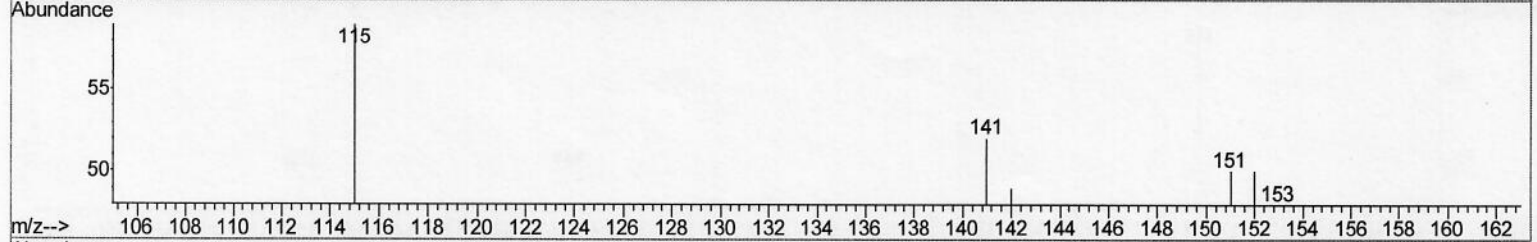
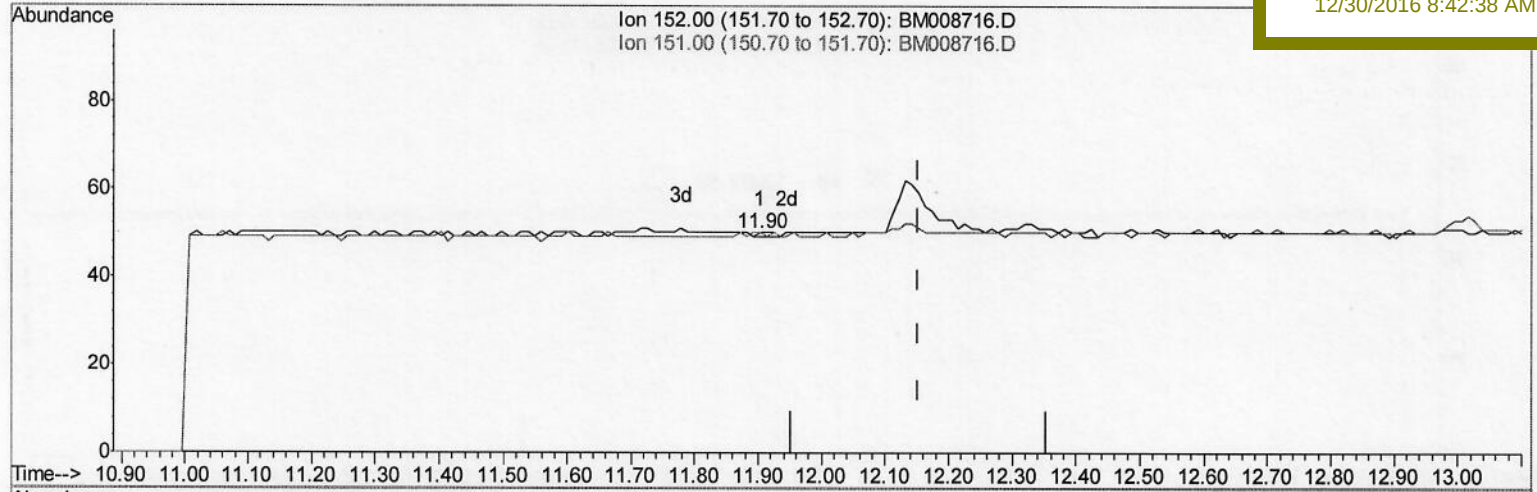
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TIC: BM008716.D

(4) 2-Methylnaphthalene-d10 (SURR)

11.903min (-0.250) 0.00ng/ul

response 2

Ion	Exp%	Act%
152.00	100	100
151.00	19.30	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

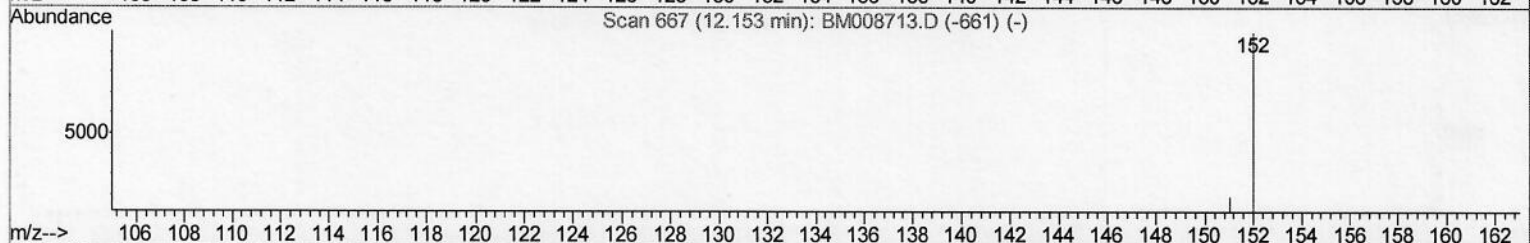
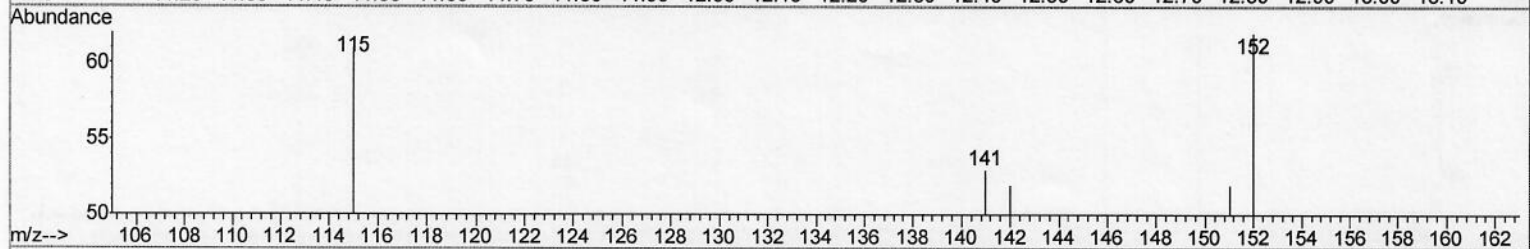
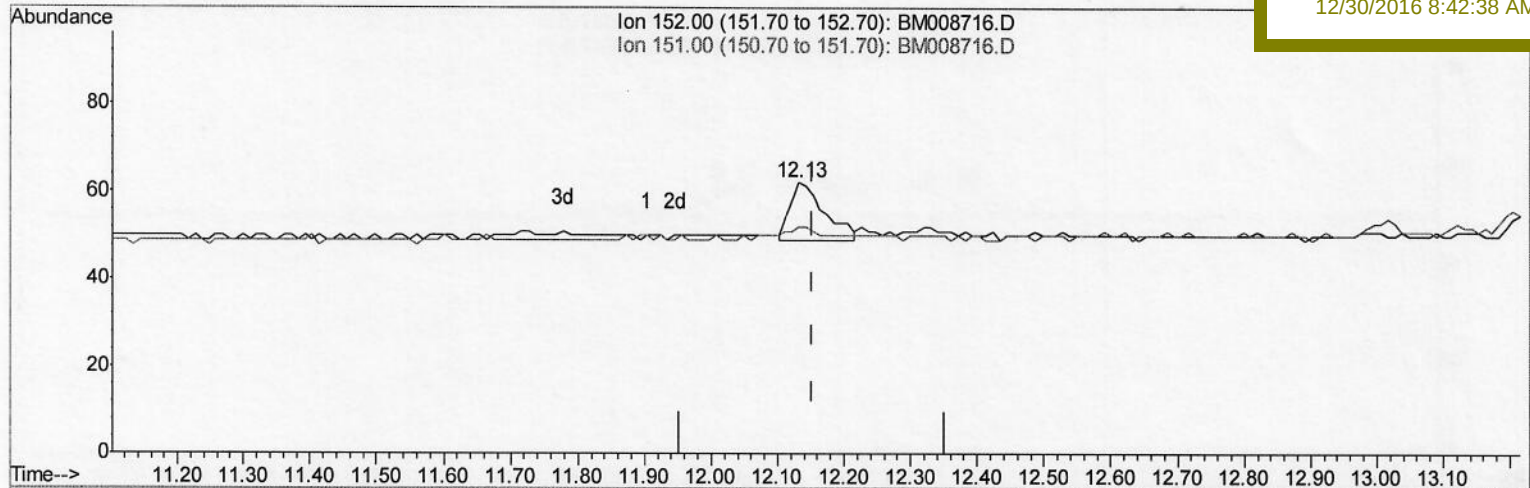
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TIC: BM008716.D

(4) 2-Methylnaphthalene-d10 (SURR)

12.132min (-0.021) 0.03ng/ul m

response 47

Ion	Exp%	Act%
152.00	100	100
151.00	19.30	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

SJ
 12/30/16

Quantitation Report (Qedit)

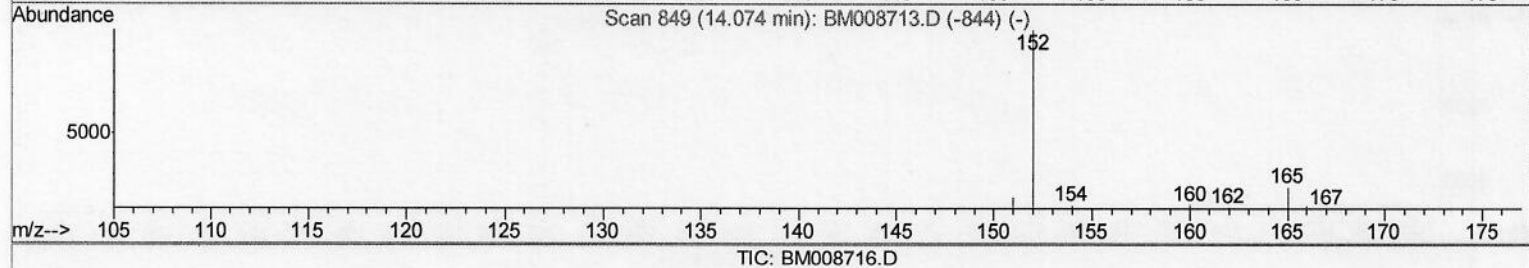
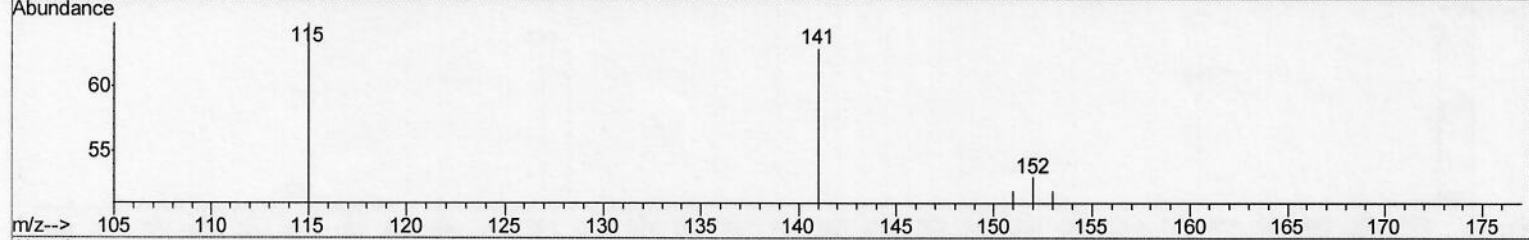
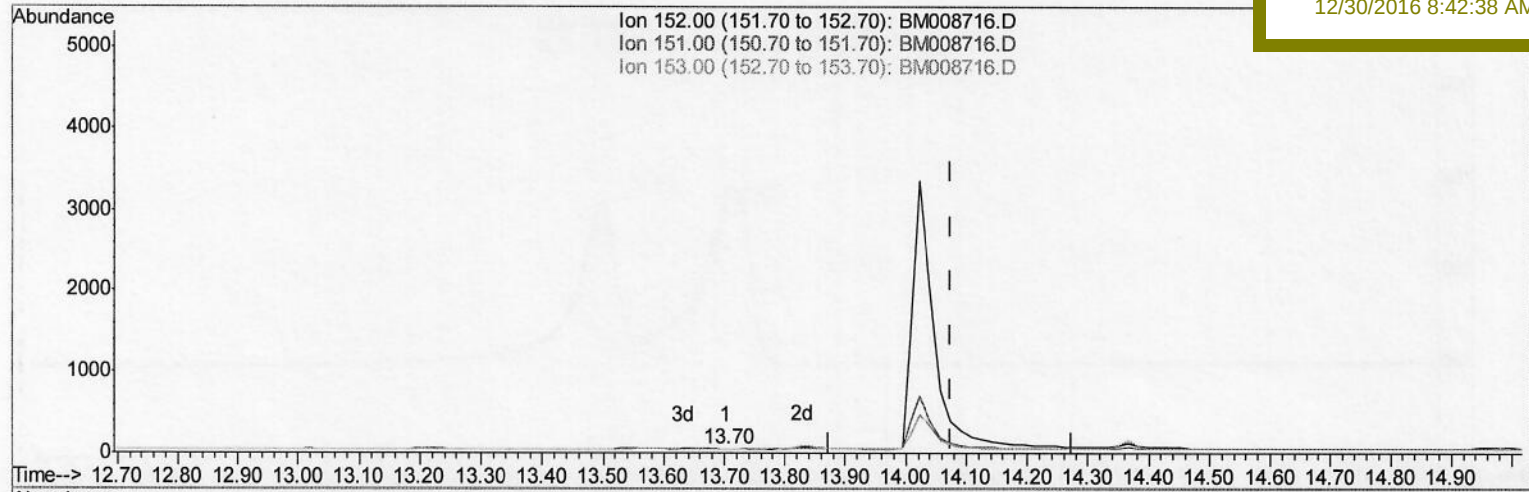
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
 Data File : BM008716.D
 Acq On : 29 Dec 2016 12:26
 Operator : UM/SJ
 Sample : H6067-05DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 30 02:25:49 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 00:54:22 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
ClientSampleId :
 DA7F6DL

Manual Integrations
APPROVED

Sohil
 12/30/2016 8:42:38 AM



TIC: BM008716.D

(7) Acenaphthylene

13.704min (-0.370) 0.00ng/ul

response 5

Ion	Exp%	Act%
152.00	100	100
151.00	21.40	98.11#
153.00	16.00	98.11#
0.00	0.00	0.00

Quantitation Report (Qedit)

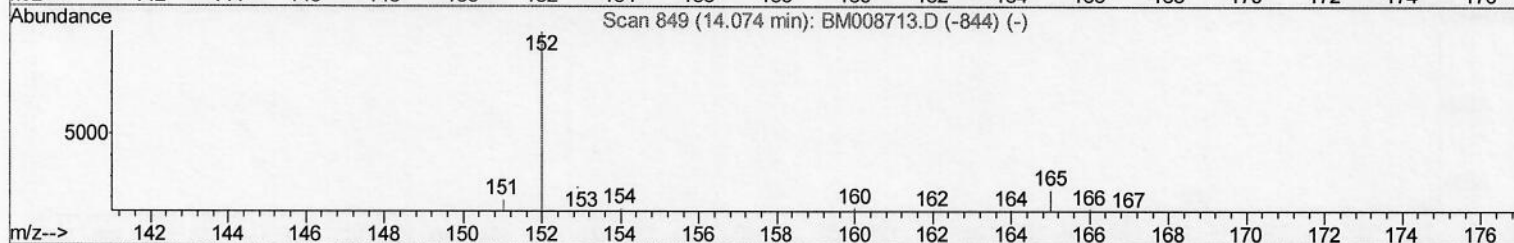
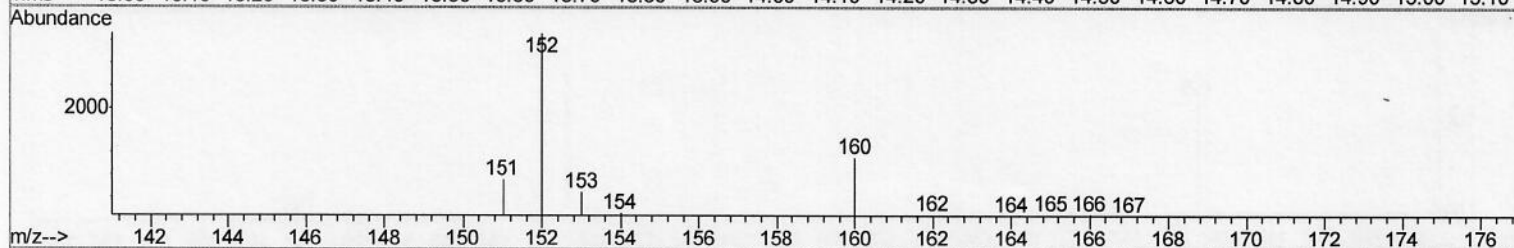
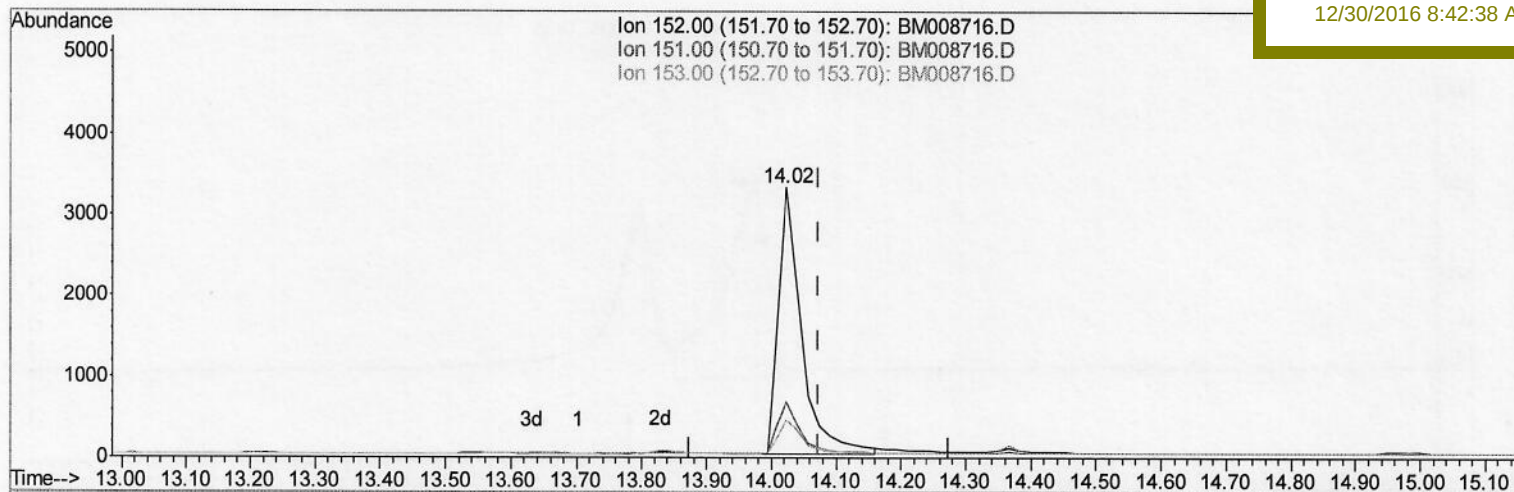
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
 Data File : BM008716.D
 Acq On : 29 Dec 2016 12:26
 Operator : UM/SJ
 Sample : H6067-05DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 30 02:25:49 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 00:54:22 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DA7F6DL

Manual Integrations
 APPROVED

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TIC: BM008716.D

(7) Acenaphthylene

14.023min (-0.051) 2.73ng/ul m

response 7976

SJ
12/30/16

Ion	Exp%	Act%
152.00	100	100
151.00	21.40	20.96
153.00	16.00	14.20
0.00	0.00	0.00

Quantitation Report (Qedit)

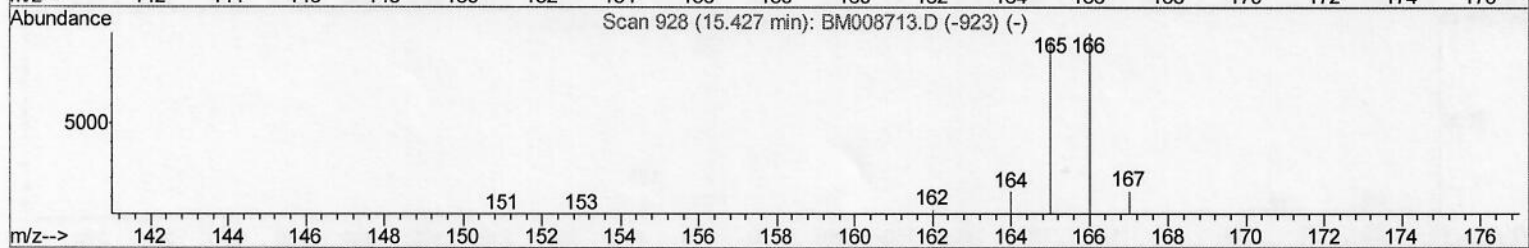
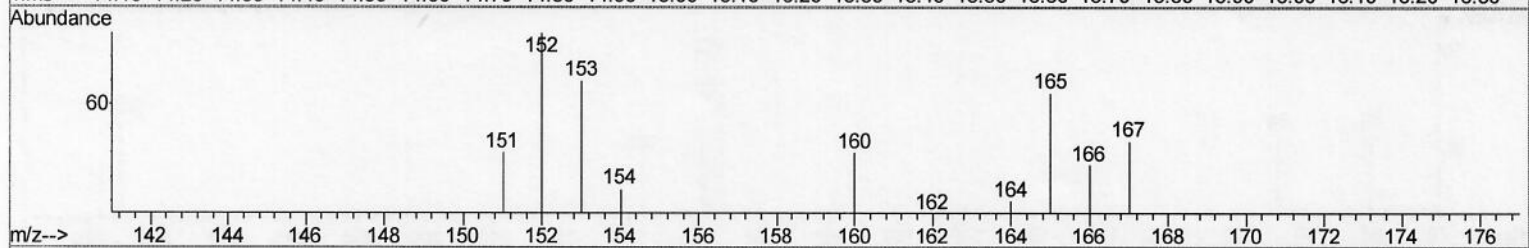
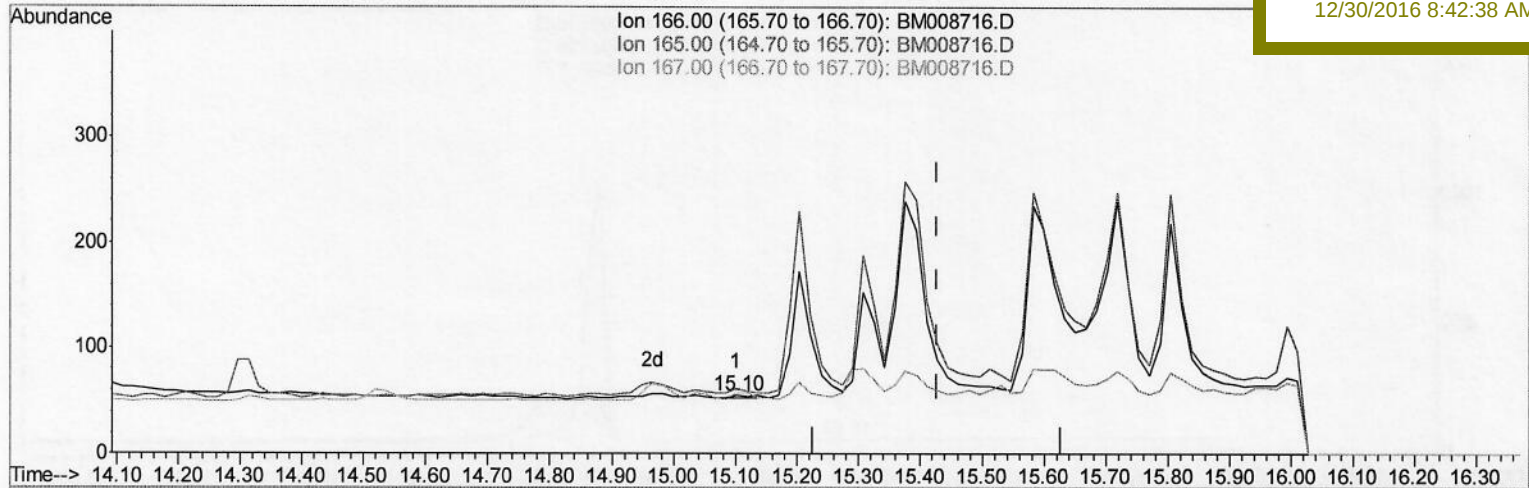
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
 Data File : BM008716.D
 Acq On : 29 Dec 2016 12:26
 Operator : UM/SJ
 Sample : H6067-05DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 30 02:25:49 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 00:54:22 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DA7F6DL

Manual Integrations
 APPROVED

Sohil
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TIC: BM008716.D

(9) Fluorene

15.102min (-0.325) 0.00ng/ul

response 5

Ion	Exp%	Act%
166.00	100	100
165.00	91.80	110.91#
167.00	18.30	103.64#
0.00	0.00	0.00

Quantitation Report (Qedit)

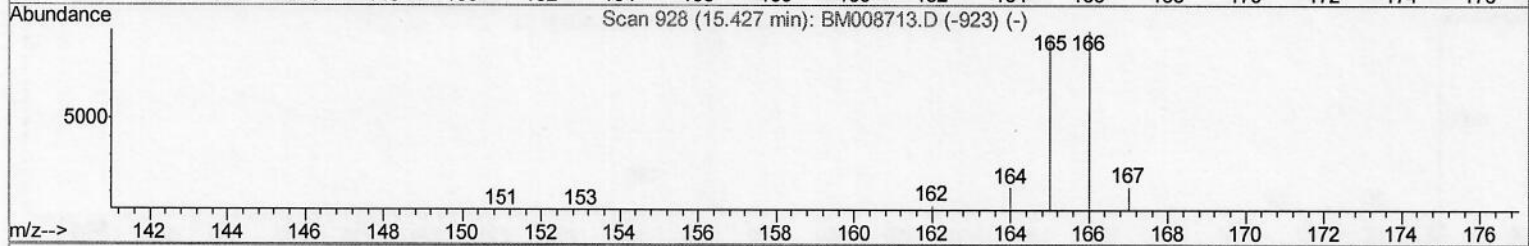
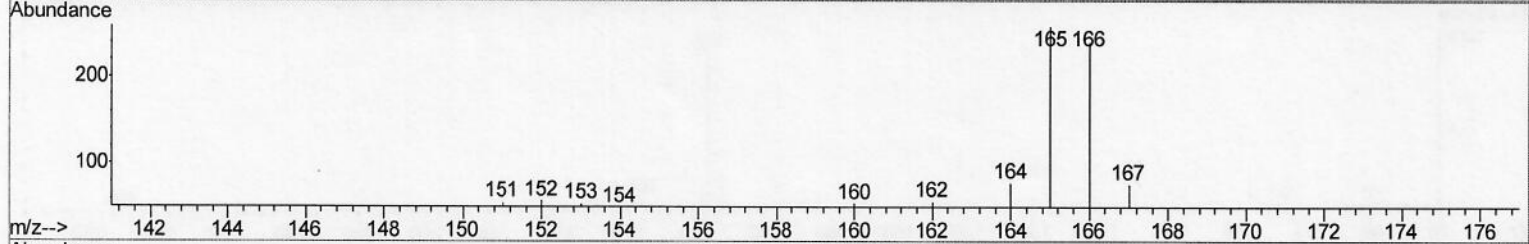
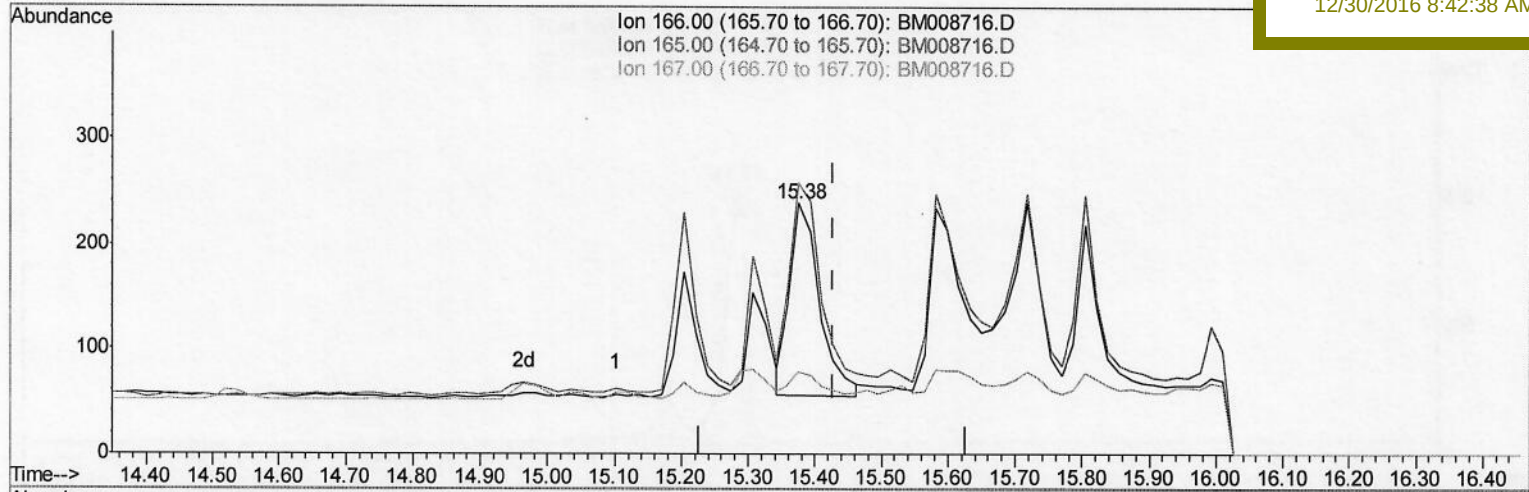
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
 Data File : BM008716.D
 Acq On : 29 Dec 2016 12:26
 Operator : UM/SJ
 Sample : H6067-05DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 30 02:25:49 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 00:54:22 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
ClientSampleId :
 DA7F6DL

Manual Integrations
APPROVED

Sohil
 12/30/2016 8:42:38 AM



TIC: BM008716.D

(9) Fluorene

15.376min (-0.051) 0.23ng/ul m

response 577

Ion	Exp%	Act%
166.00	100	100
165.00	91.80	107.95
167.00	18.30	32.22#
0.00	0.00	0.00

SJ
 12/30/16

Quantitation Report (Qedit)

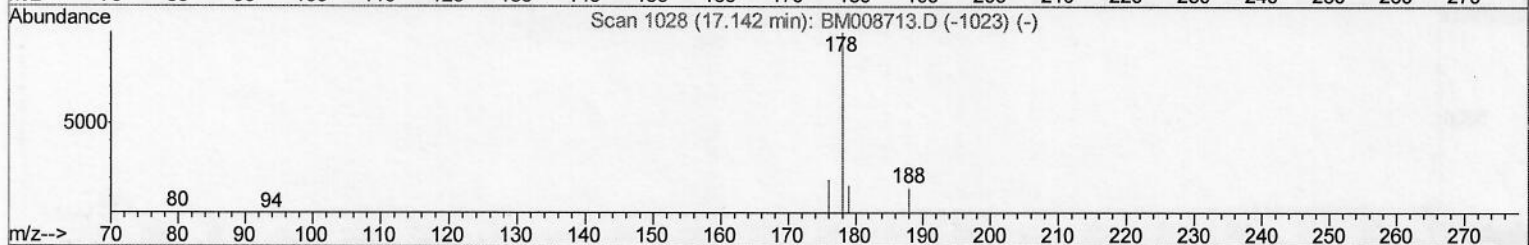
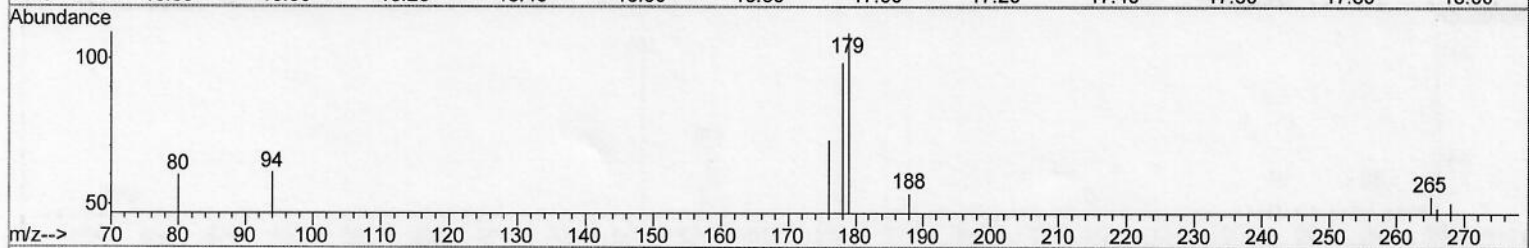
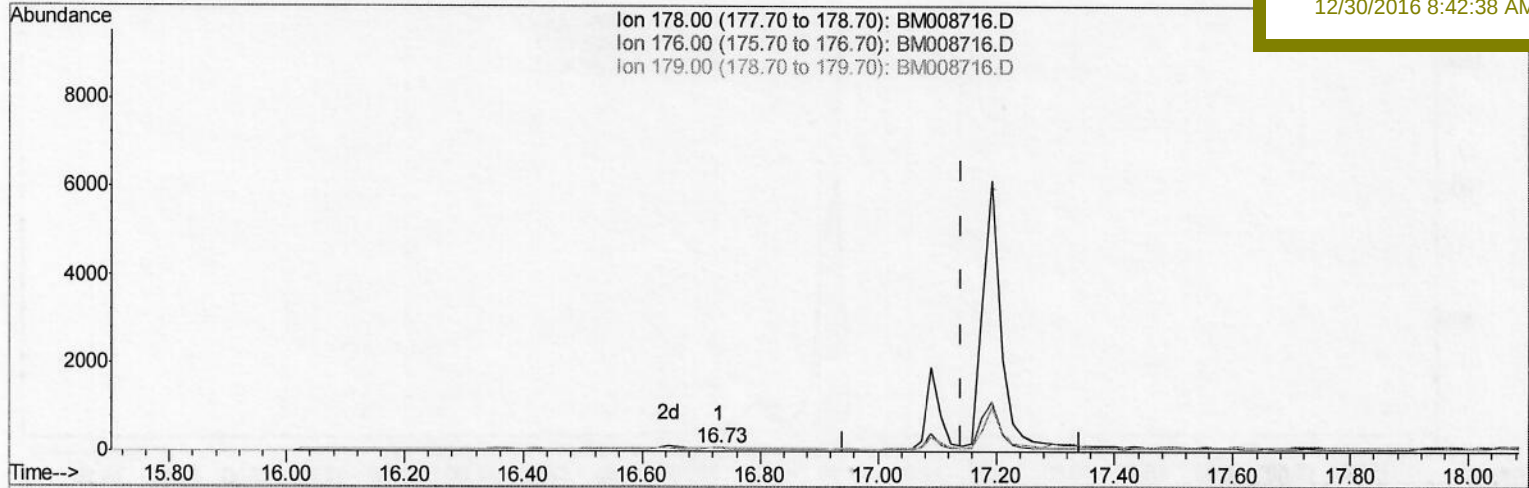
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
 Data File : BM008716.D
 Acq On : 29 Dec 2016 12:26
 Operator : UM/SJ
 Sample : H6067-05DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 30 02:25:49 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 00:54:22 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DA7F6DL

Manual Integrations
 APPROVED

Sohil
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TIC: BM008716.D

(12) Phenanthrene

16.730min (-0.412) 0.01ng/ul

response 54

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	72.73#
179.00	17.00	110.10#
0.00	0.00	0.00

Quantitation Report (Qedit)

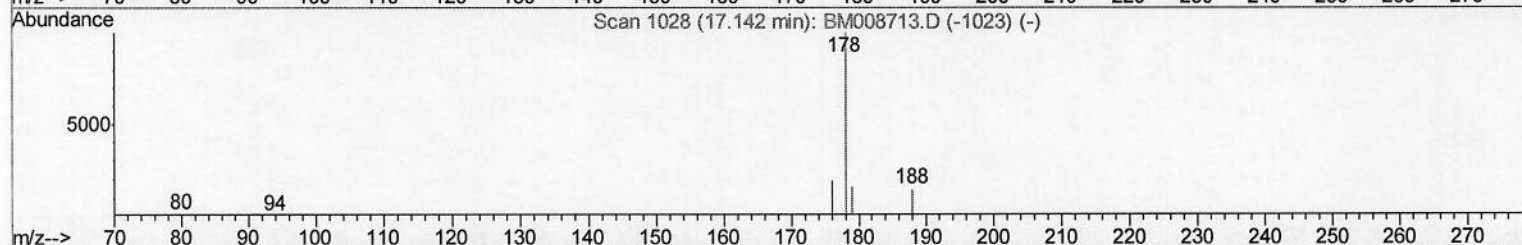
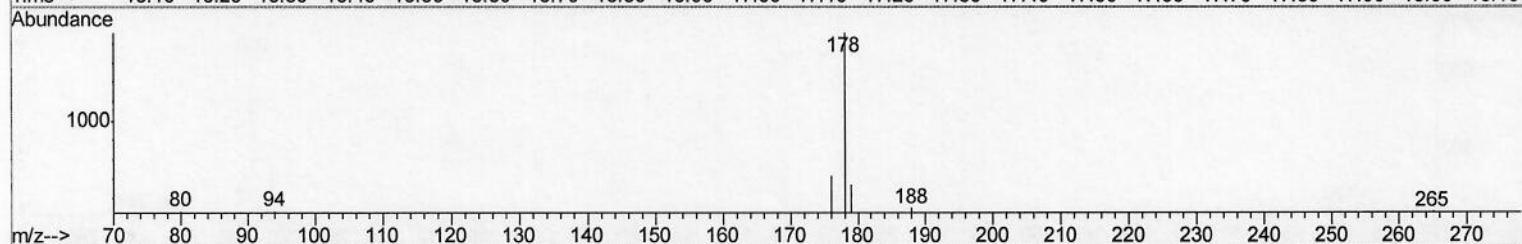
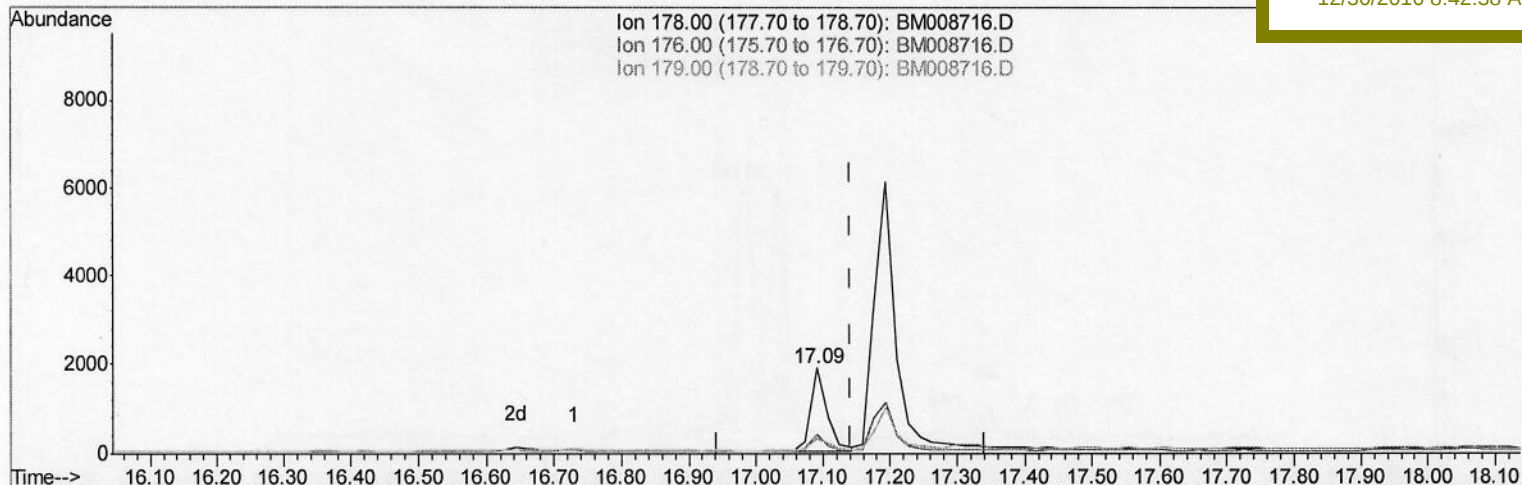
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
Data File : BM008716.D
Acq On : 29 Dec 2016 12:26
Operator : UM/SJ
Sample : H6067-05DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7F6DL

Quant Time: Dec 30 02:25:49 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 30 00:54:22 2016
Response via : Initial Calibration

Manual Integrations
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TIC: BM008716.D

(12) Phenanthrene

17.090min (-0.051) 0.77ng/ul m

response 3139

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	22.57
179.00	17.00	17.92
0.00	0.00	0.00

35
12/30/16

Quantitation Report (Qedit)

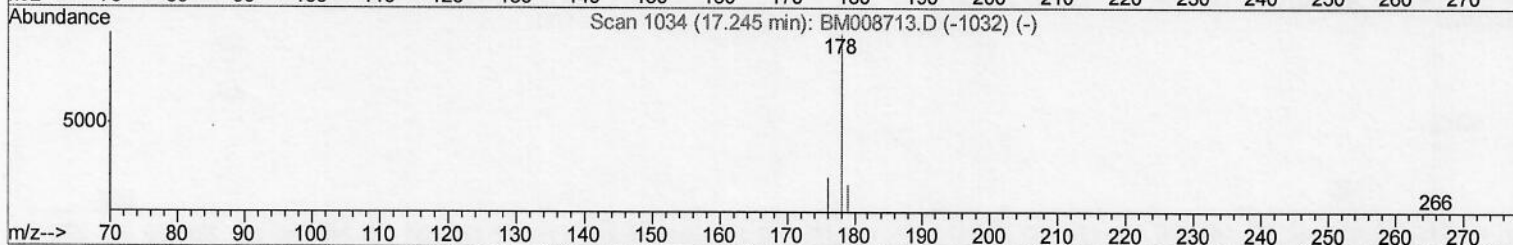
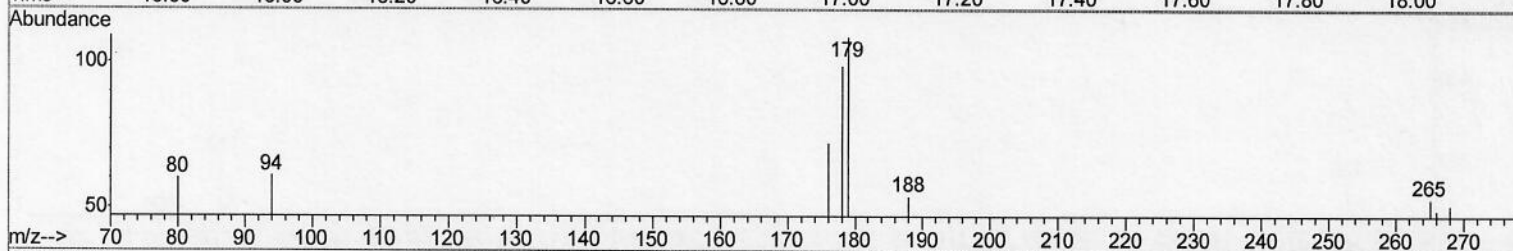
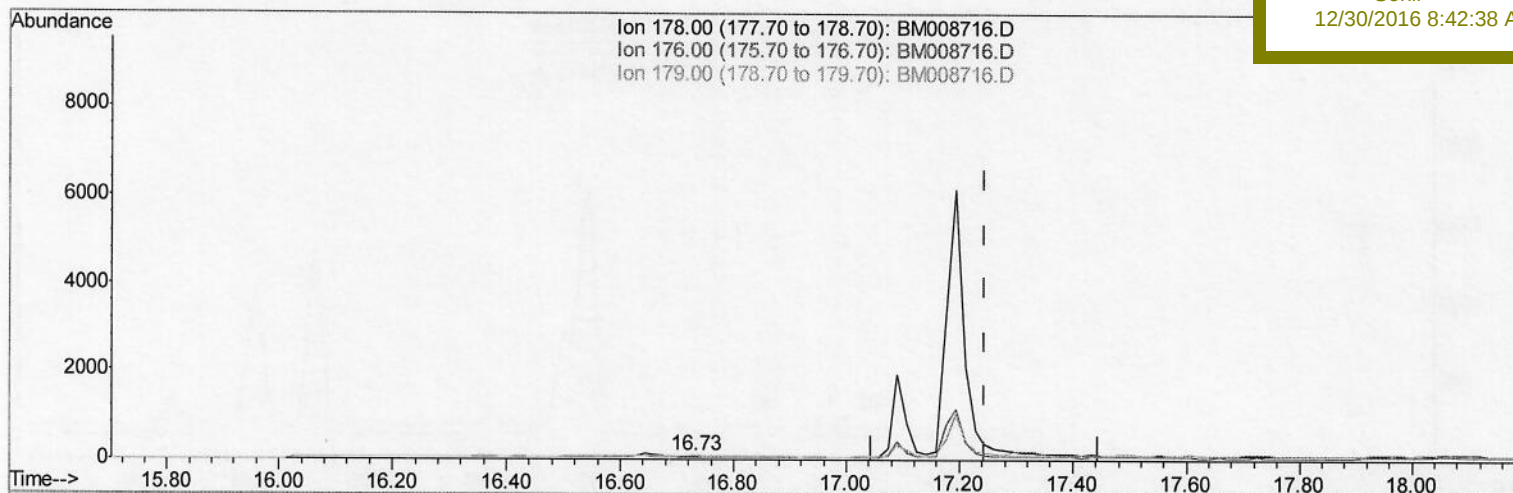
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
 Data File : BM008716.D
 Acq On : 29 Dec 2016 12:26
 Operator : UM/SJ
 Sample : H6067-05DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 30 02:25:49 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 00:54:22 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DA7F6DL

Manual Integrations
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(13) Anthracene

16.730min (-0.515) 0.05ng/ul

response 183

Ion	Exp%	Act%
178.00	100	100
176.00	22.60	72.73#
179.00	18.40	110.10#
0.00	0.00	0.00

Quantitation Report (Qedit)

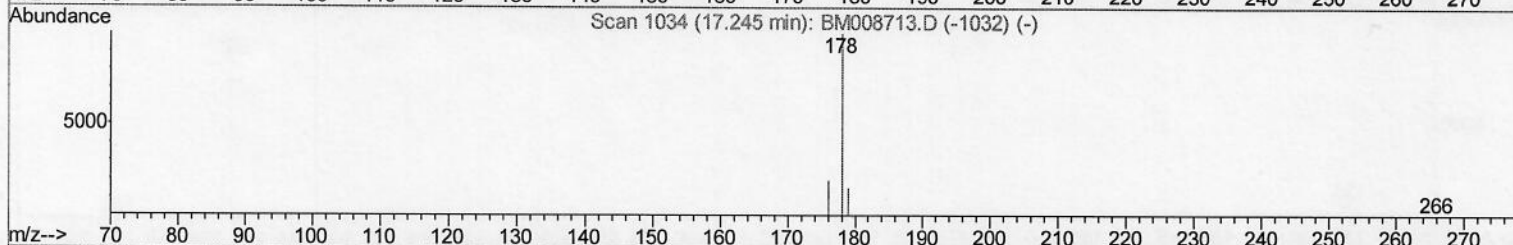
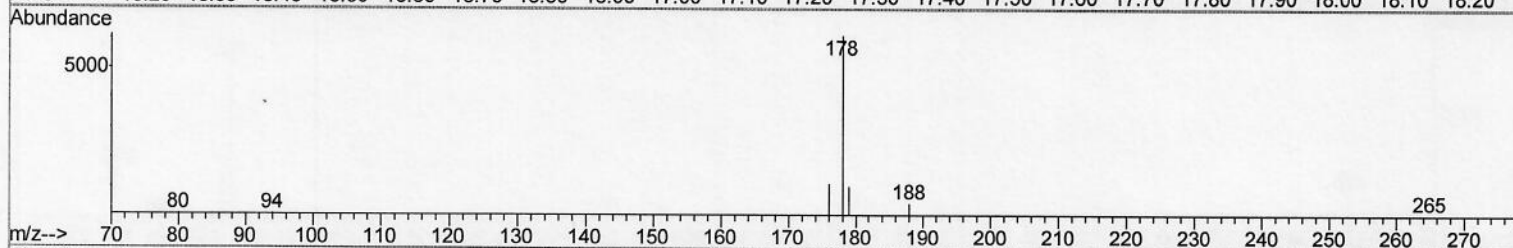
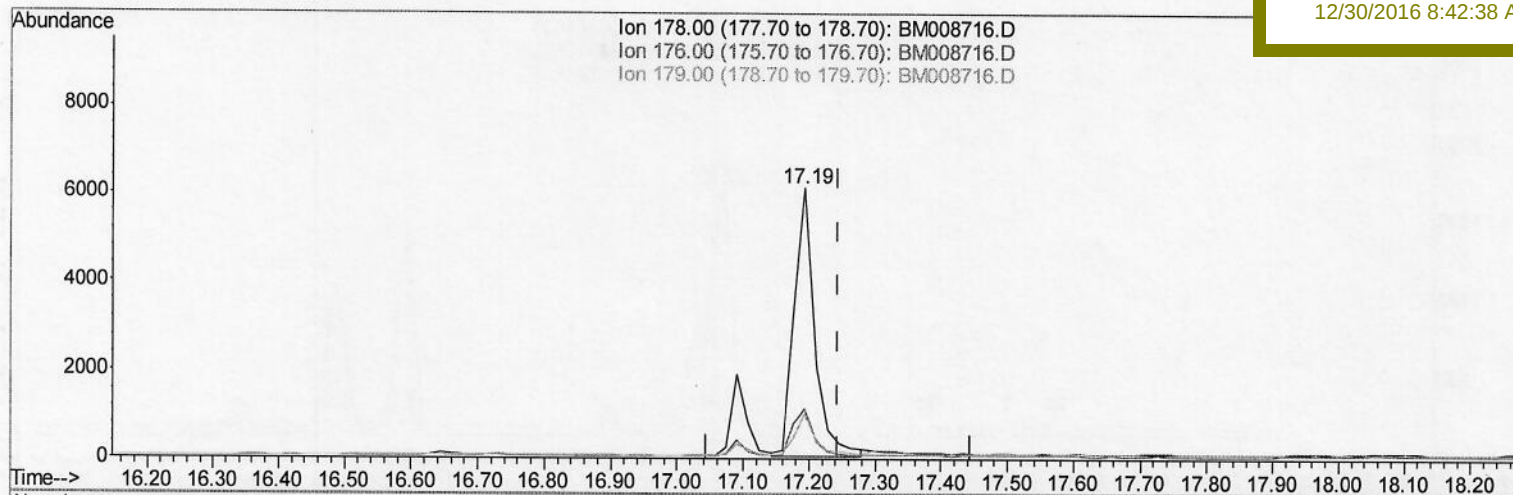
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
 Data File : BM008716.D
 Acq On : 29 Dec 2016 12:26
 Operator : UM/SJ
 Sample : H6067-05DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 30 02:25:49 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 00:54:22 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
ClientSampleId :
 DA7F6DL

Manual Integrations
APPROVED

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TIC: BM008716.D

(13) Anthracene

17.193min (-0.051) 3.33ng/ul m

response 13142

Ion	Exp%	Act%
178.00	100	100
176.00	22.60	18.51
179.00	18.40	16.90
0.00	0.00	0.00

SJ
12/30/16

Quantitation Report (Qedit)

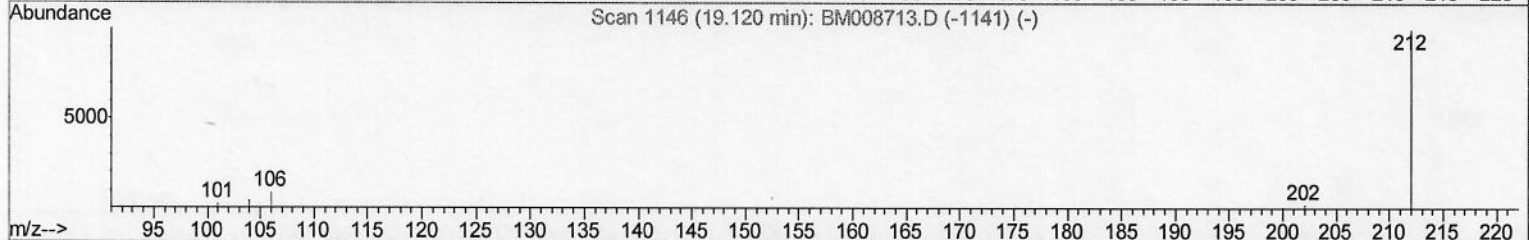
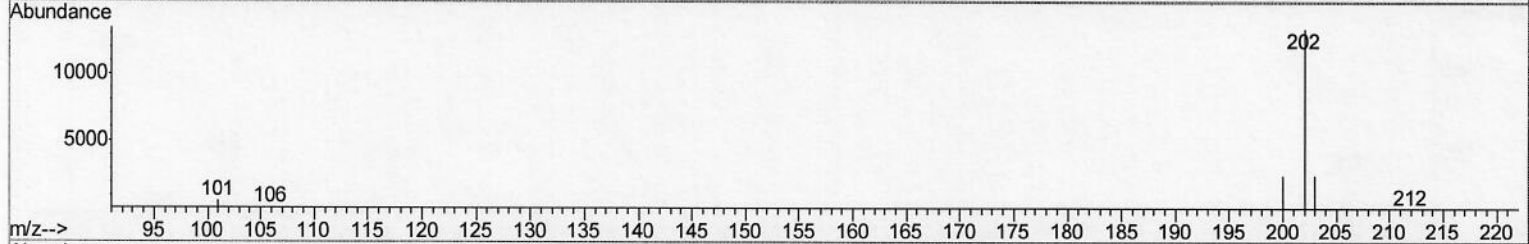
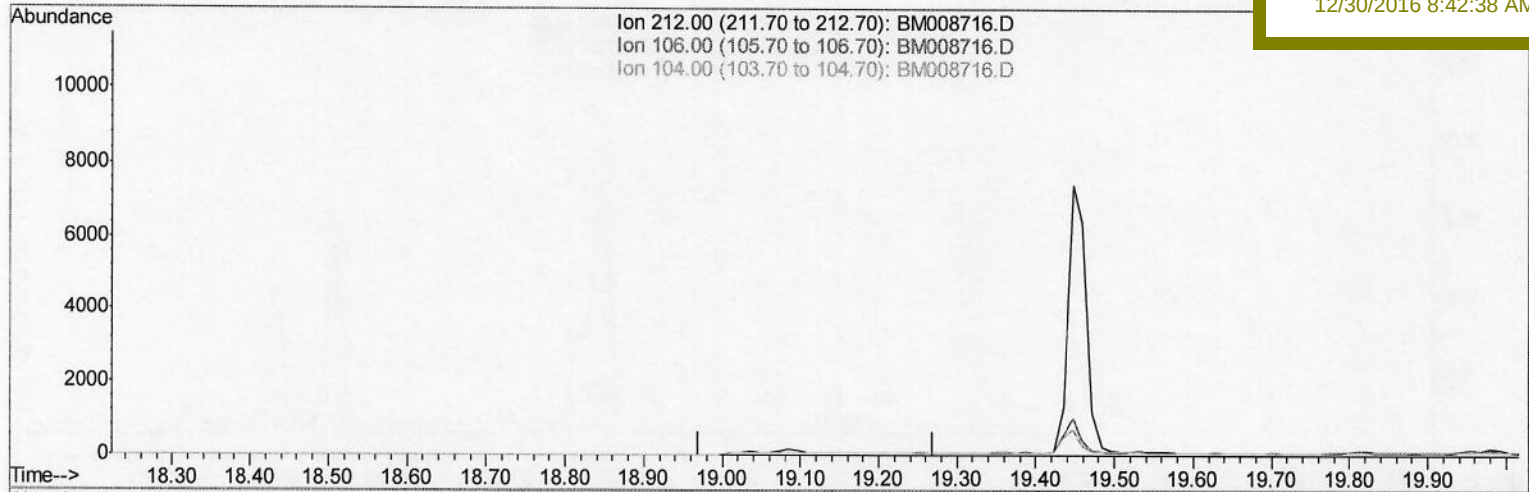
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
 Data File : BM008716.D
 Acq On : 29 Dec 2016 12:26
 Operator : UM/SJ
 Sample : H6067-05DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 DA7F6DL

Manual Integrations
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Quant Time: Dec 30 02:25:49 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 00:54:22 2016
 Response via : Initial Calibration



TIC: BM008716.D

(14) Fluoranthene-d10 (SURR)

19.120min (-19.120) 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

Quantitation Report (Qedit)

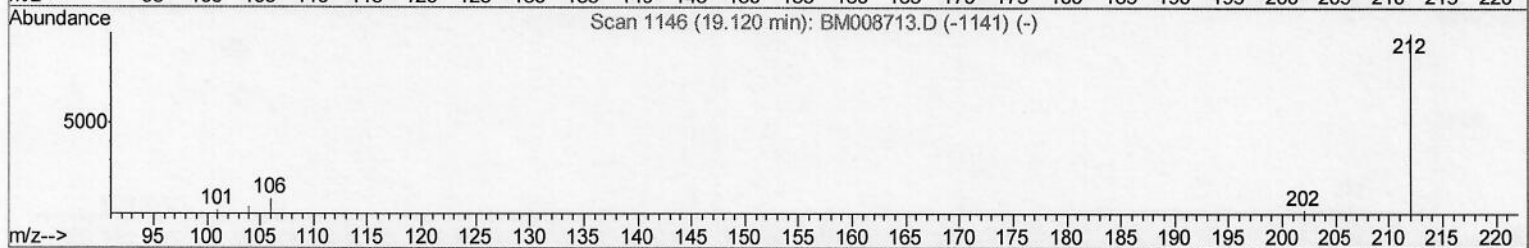
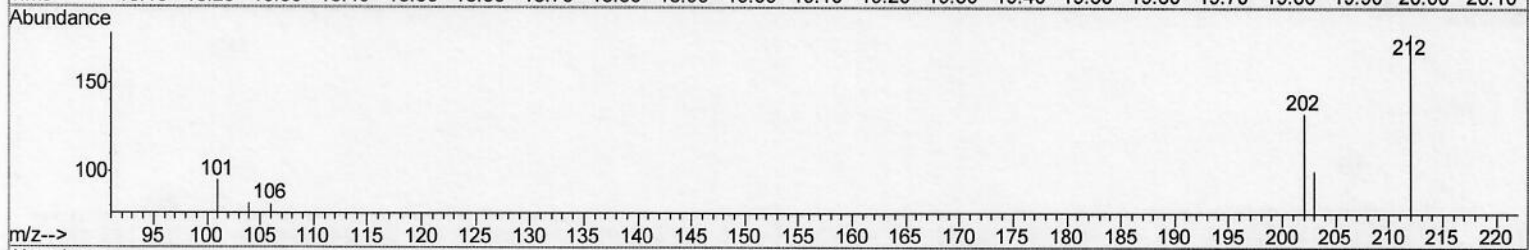
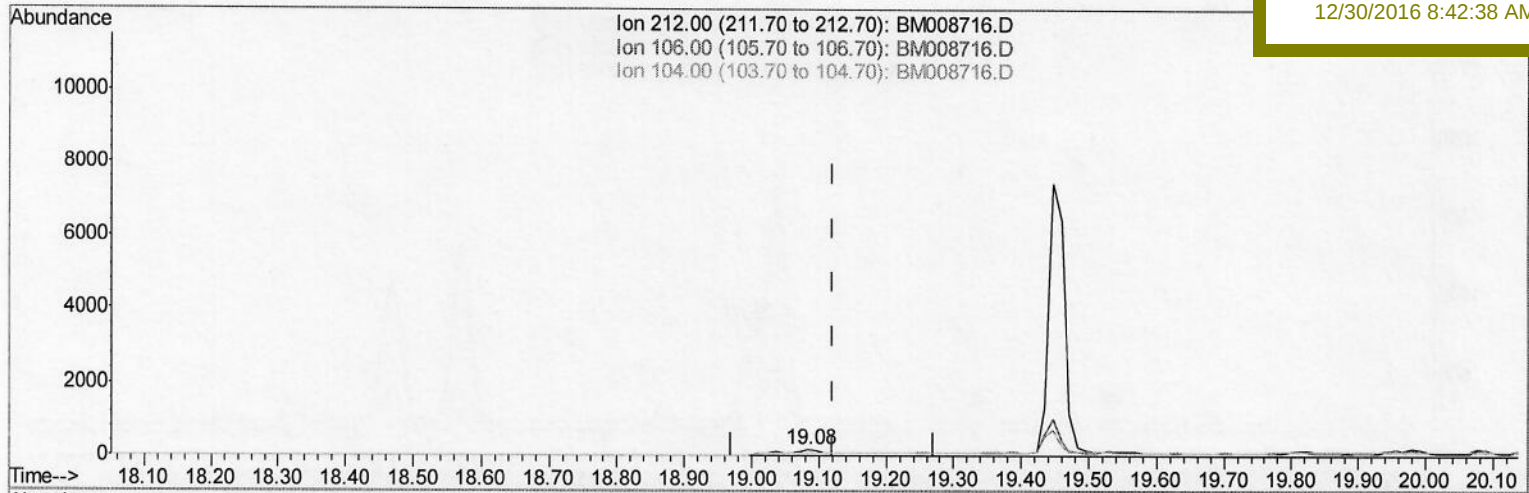
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
Data File : BM008716.D
Acq On : 29 Dec 2016 12:26
Operator : UM/SJ
Sample : H6067-05DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 30 02:25:49 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 30 00:54:22 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA7F6DL

Manual Integrations
APPROVED

Sohil
12/30/2016 8:42:38 AM



TIC: BM008716.D

(14) Fluoranthene-d10 (SURR)

19.084min (-0.036) 0.06ng/ul m

response 205

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

SJ
12/30/16

Quantitation Report (Qedit)

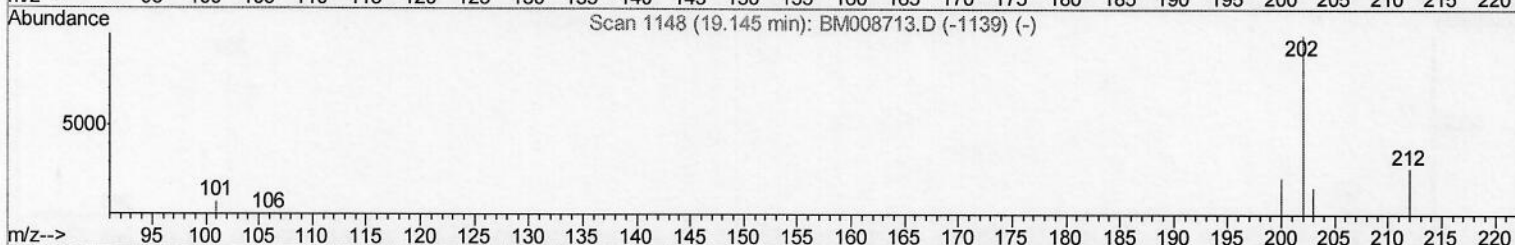
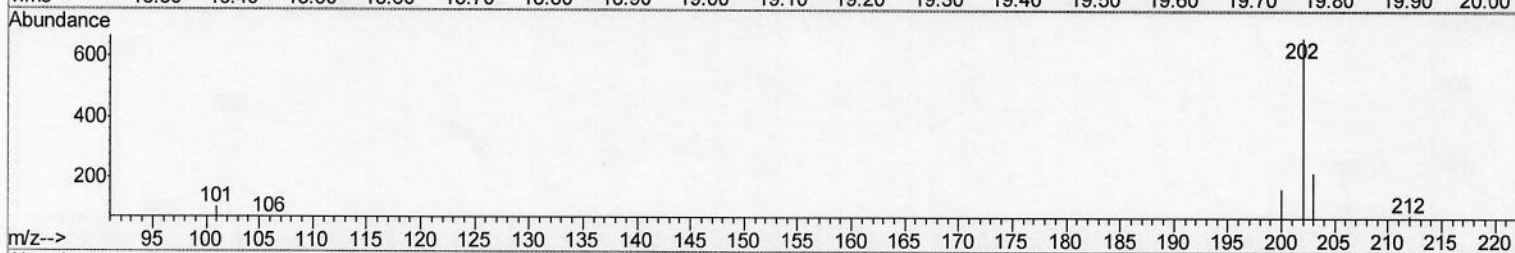
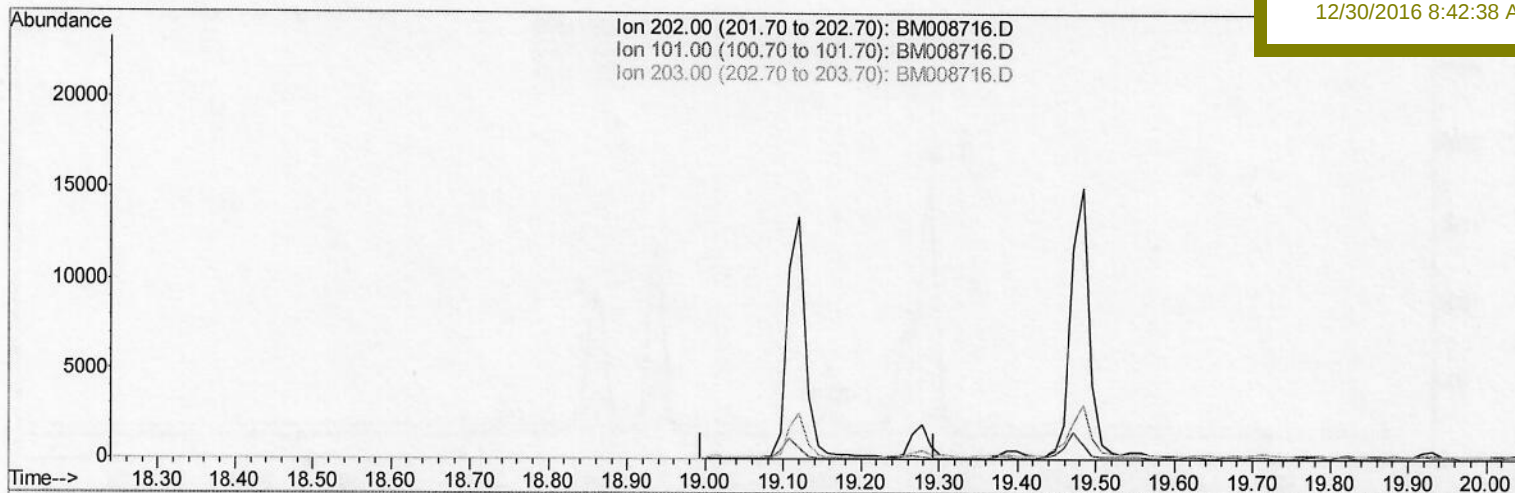
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
 Data File : BM008716.D
 Acq On : 29 Dec 2016 12:26
 Operator : UM/SJ
 Sample : H6067-05DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 30 02:25:49 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 00:54:22 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DA7F6DL

Manual Integrations
 APPROVED

Sohil
 12/30/2016 8:42:38 AM



TIC: BM008716.D

(15) Fluoranthene (C)

19.145min (-19.145) 0.00ng/ul

response 0

Ion	Exp%	Act%
202.00	100	0.00
101.00	10.30	0.00
203.00	19.50	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

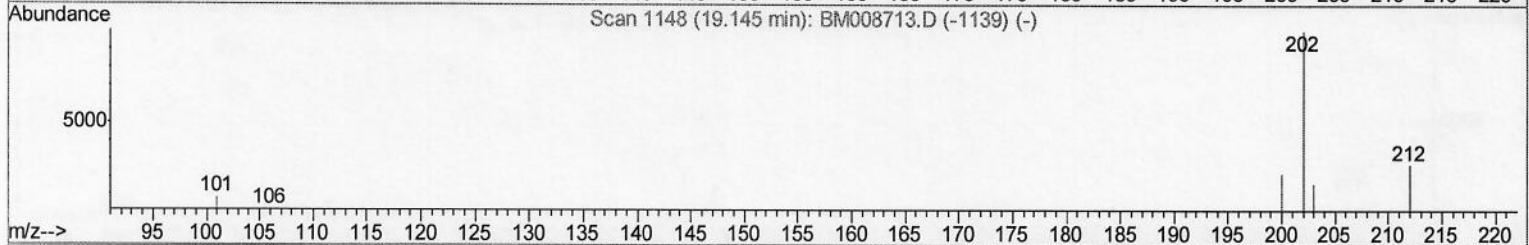
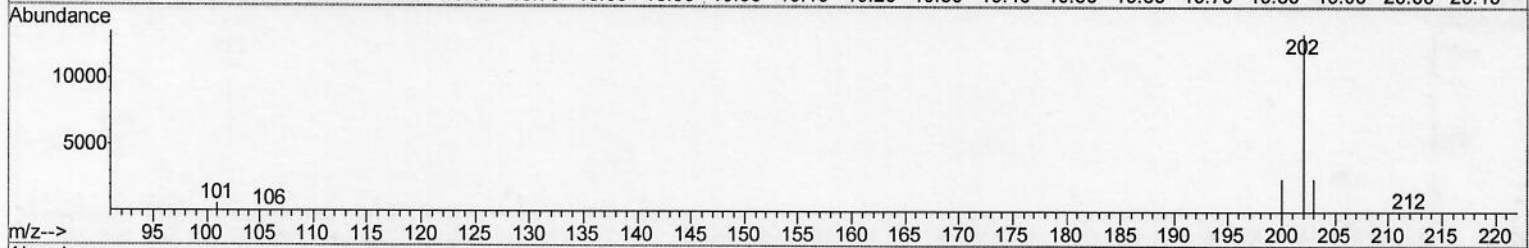
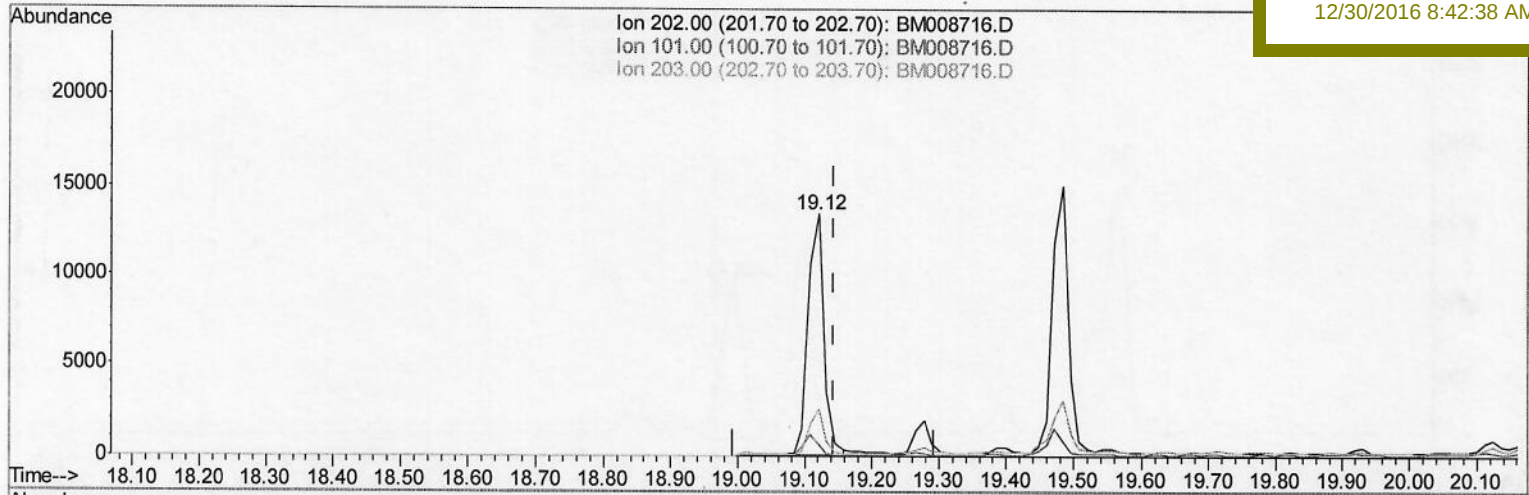
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
 Data File : BM008716.D
 Acq On : 29 Dec 2016 12:26
 Operator : UM/SJ
 Sample : H6067-05DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 30 02:25:49 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 00:54:22 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
ClientSampleId :
 DA7F6DL

Manual Integrations
APPROVED

Sohil
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TIC: BM008716.D

(15) Fluoranthene (C)

19.120min (-0.024) 4.31ng/ul m

response 21468

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	4.52
203.00	19.50	19.03
0.00	0.00	0.00

SJ
12/30/16

Quantitation Report (Qedit)

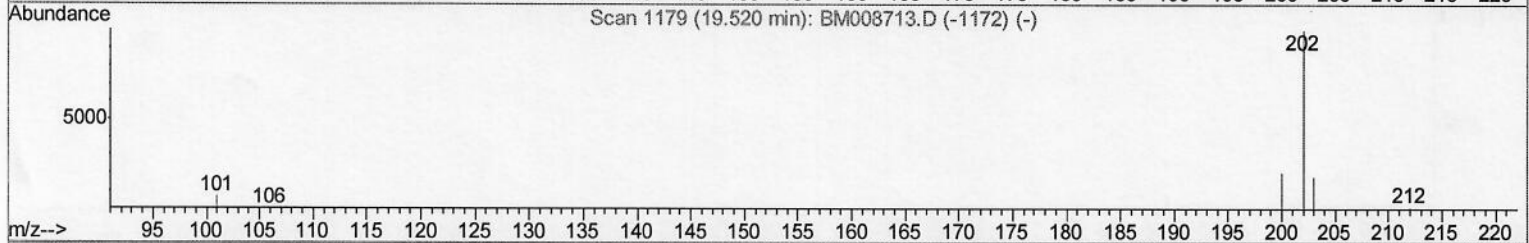
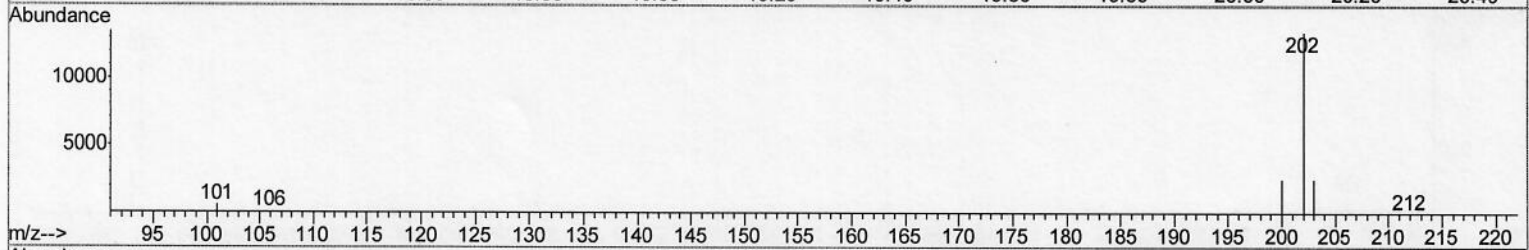
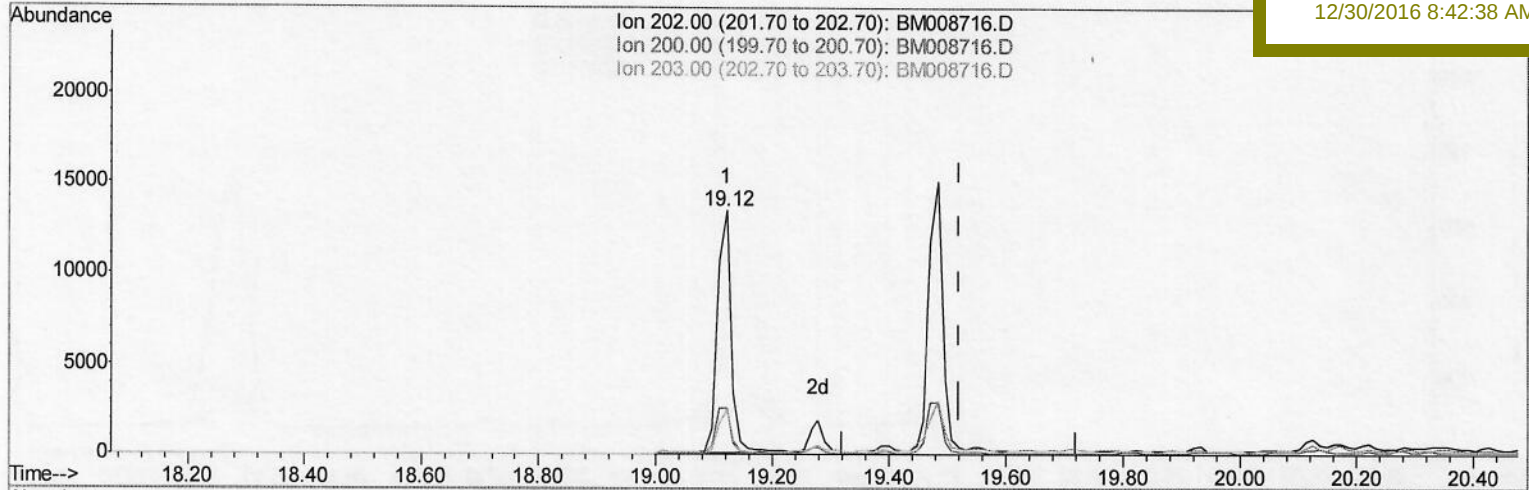
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
 Data File : BM008716.D
 Acq On : 29 Dec 2016 12:26
 Operator : UM/SJ
 Sample : H6067-05DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 30 02:25:49 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 00:54:22 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DA7F6DL

Manual Integrations
 APPROVED

Sohil
 12/30/2016 8:42:38 AM



TIC: BM008716.D

(17) Pyrene

19.120min (-0.399) 4.14ng/ul

response 22020

Ion	Exp%	Act%
202.00	100	100
200.00	22.80	19.21
203.00	19.50	19.03
0.00	0.00	0.00

Quantitation Report (Qedit)

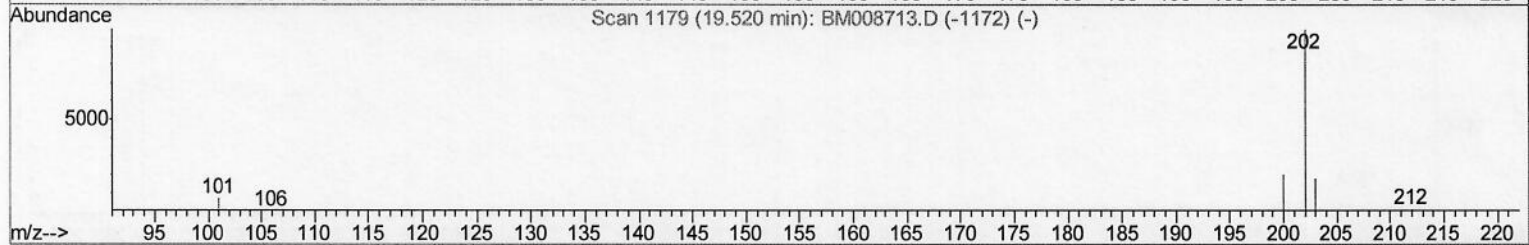
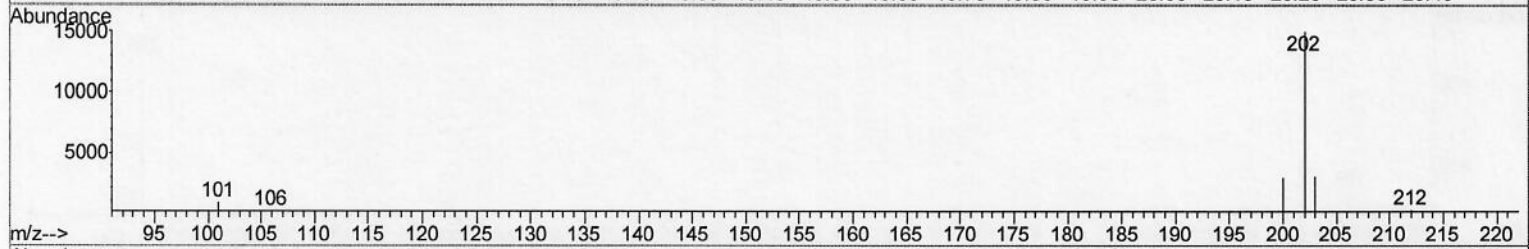
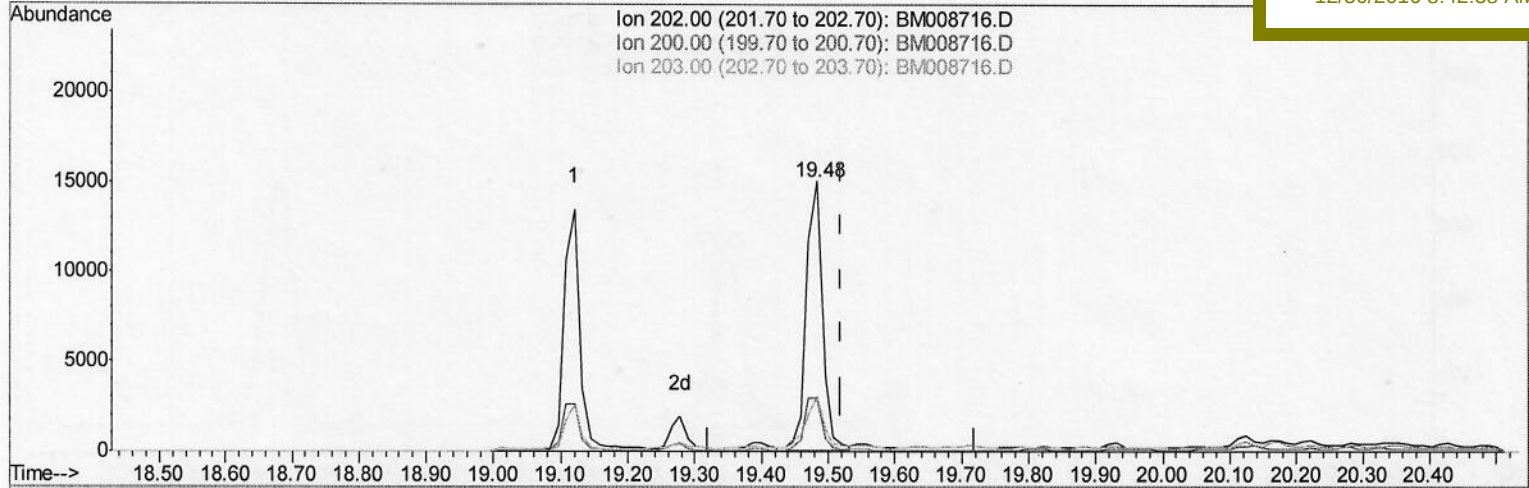
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
 Data File : BM008716.D
 Acq On : 29 Dec 2016 12:26
 Operator : UM/SJ
 Sample : H6067-05DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 DA7F6DL

Quant Time: Dec 30 02:25:49 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 00:54:22 2016
 Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
 12/30/2016 8:42:38 AM



TIC: BM008716.D

(17) Pyrene

19.483min (-0.036) 4.69ng/ul m

response 24989

Ion	Exp%	Act%
202.00	100	100
200.00	22.80	19.58
203.00	19.50	20.04
0.00	0.00	0.00

SJ
 12/30/16

Quantitation Report (Qedit)

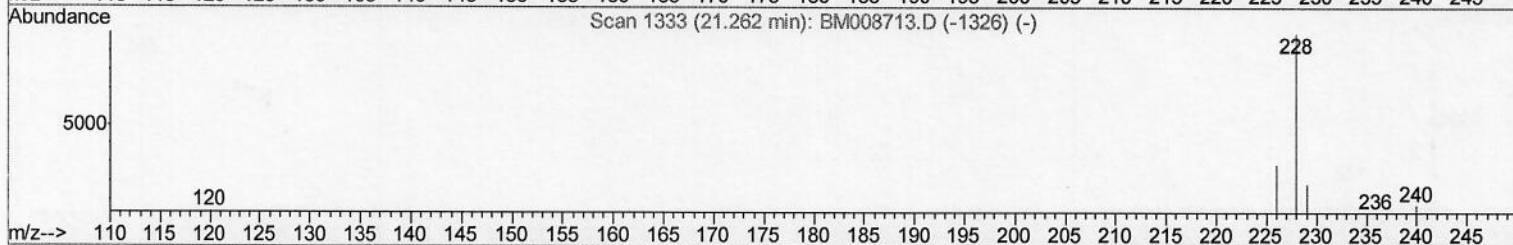
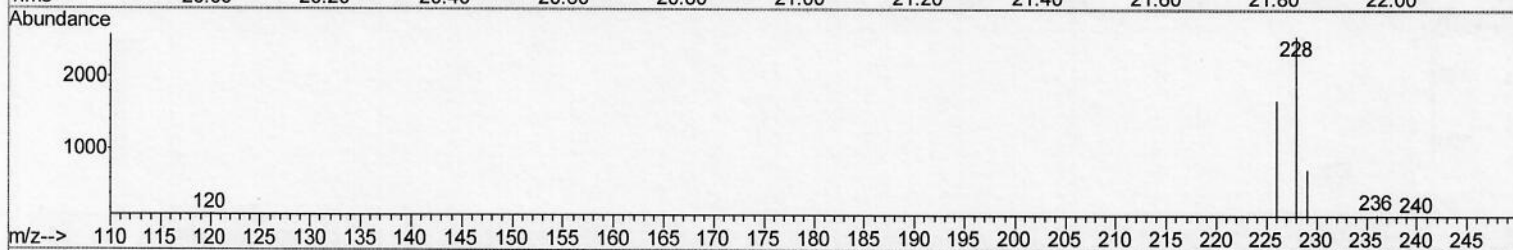
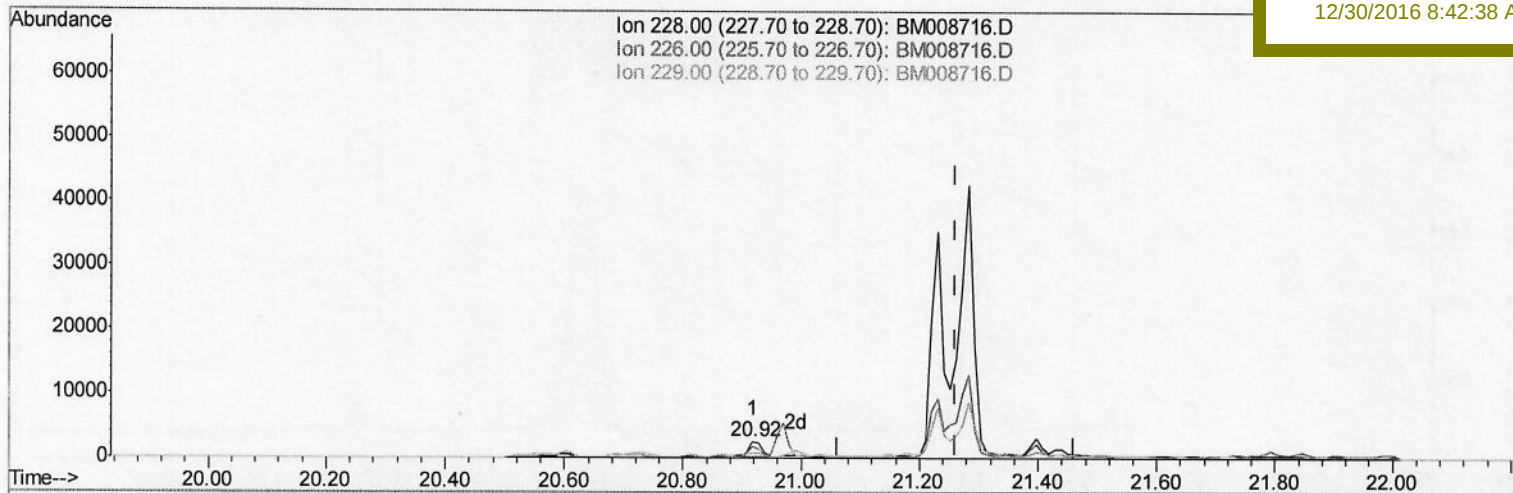
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
 Data File : BM008716.D
 Acq On : 29 Dec 2016 12:26
 Operator : UM/SJ
 Sample : H6067-05DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 30 02:25:49 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 00:54:22 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DA7F6DL

Manual Integrations
 APPROVED

Sohil
 12/30/2016 8:42:38 AM



TIC: BM008716.D

(18) Benzo(a)anthracene
 20.918min (-0.344) 0.94ng/ul
 response 4235

Ion	Exp%	Act%
228.00	100	100
226.00	28.50	65.82#
229.00	21.30	28.92#
0.00	0.00	0.00

Quantitation Report (Qedit)

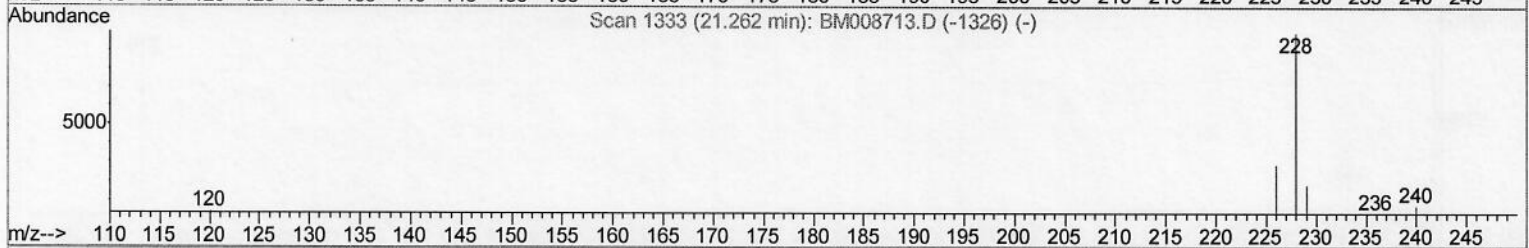
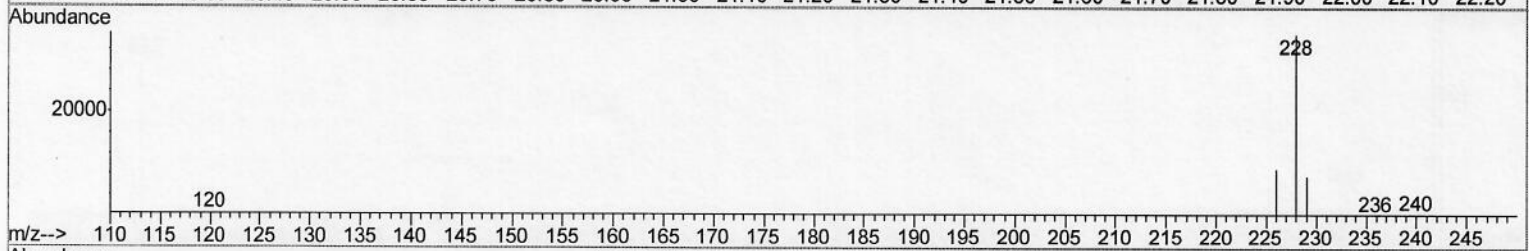
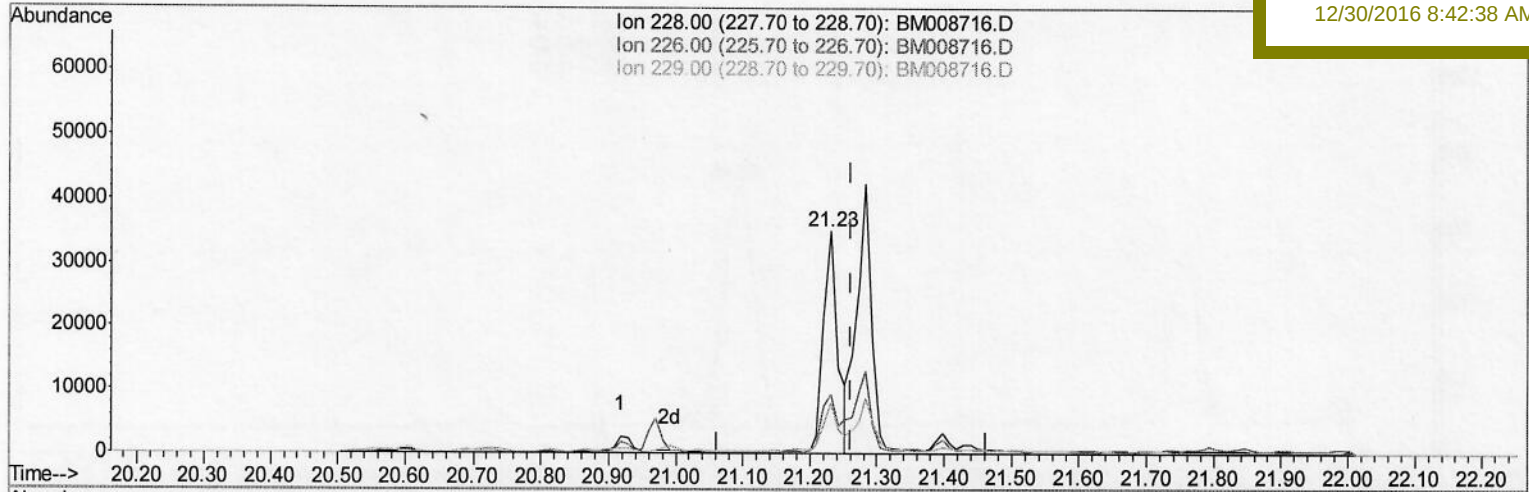
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
 Data File : BM008716.D
 Acq On : 29 Dec 2016 12:26
 Operator : UM/SJ
 Sample : H6067-05DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 30 02:25:49 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 00:54:22 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DA7F6DL

Manual Integrations
 APPROVED

Sohil
 12/30/2016 8:42:38 AM



TIC: BM008716.D

(18) Benzo(a)anthracene

21.231min (-0.031) 11.70ng/ul m

response 52906

SJ
12/30/16

Ion	Exp%	Act%
228.00	100	100
226.00	28.50	26.30
229.00	21.30	22.37
0.00	0.00	0.00

Quantitation Report (Qedit)

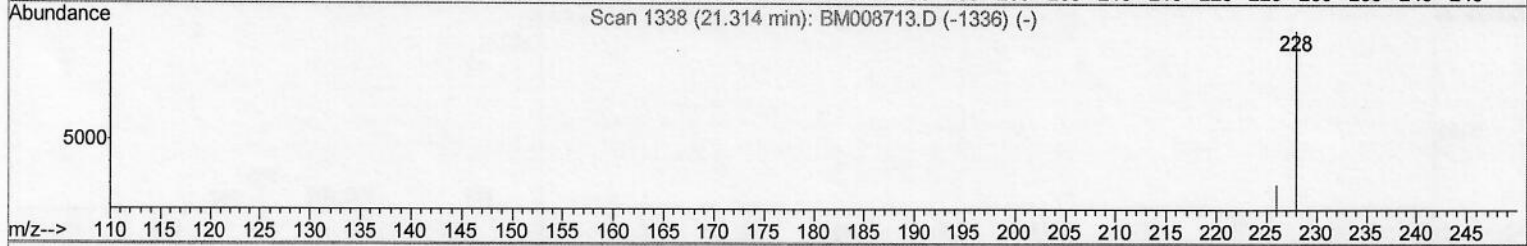
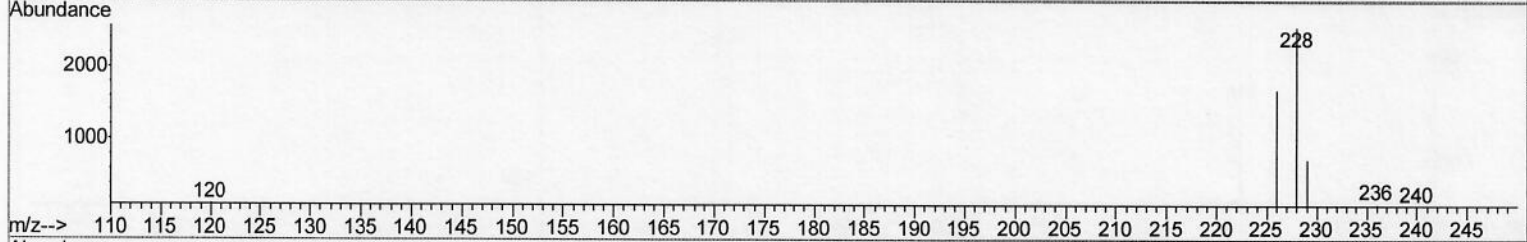
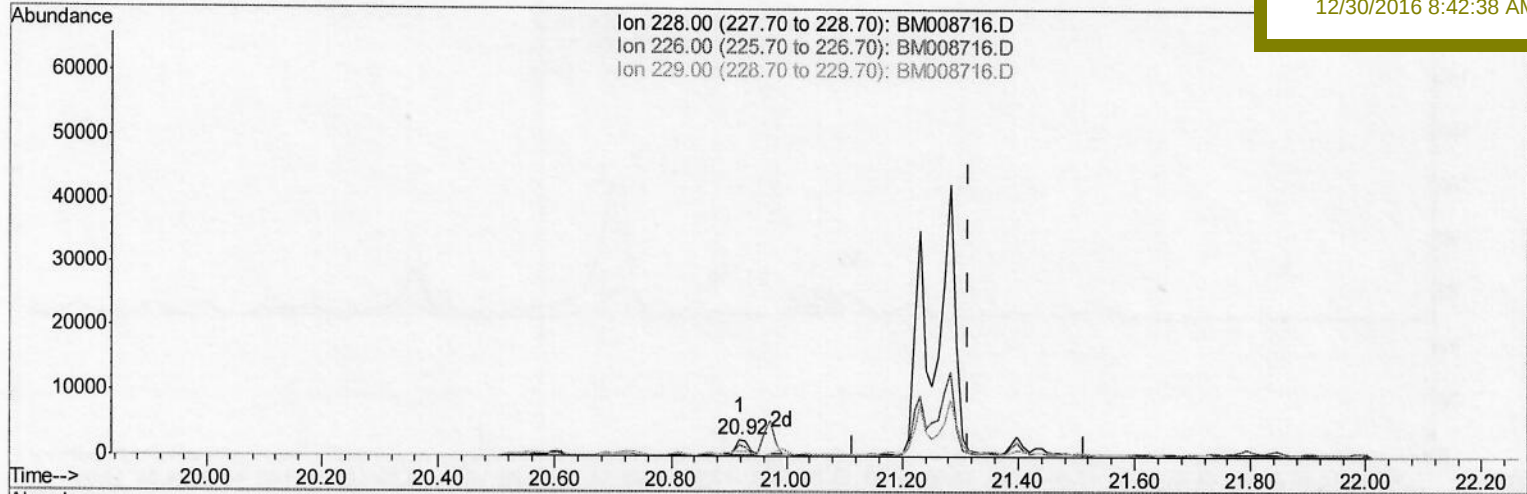
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
 Data File : BM008716.D
 Acq On : 29 Dec 2016 12:26
 Operator : UM/SJ
 Sample : H6067-05DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 30 02:25:49 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 00:54:22 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
ClientSampleId :
 DA7F6DL

Manual Integrations
APPROVED

Sohil
 12/30/2016 8:42:38 AM



TIC: BM008716.D

(19) Chrysene

20.918min (-0.396) 0.86ng/ul

response 4235

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	65.82#
229.00	22.10	28.92#
0.00	0.00	0.00

Quantitation Report (Qedit)

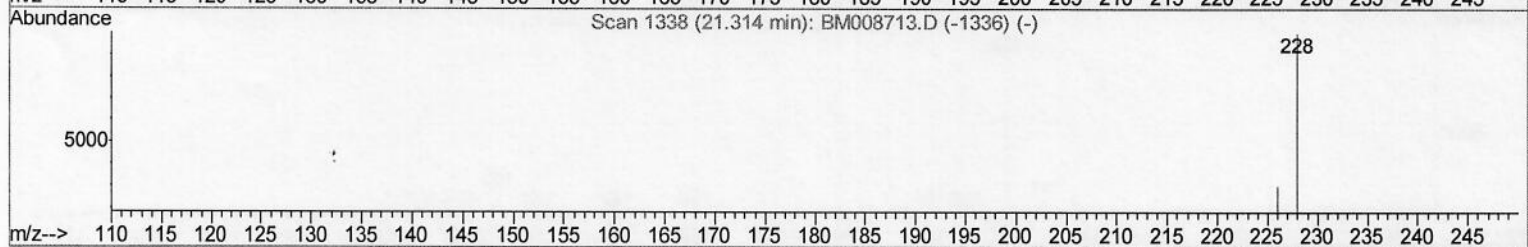
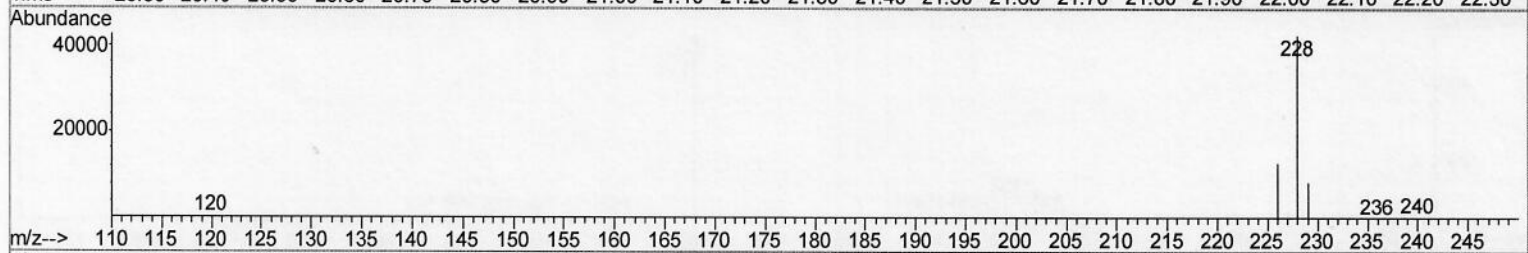
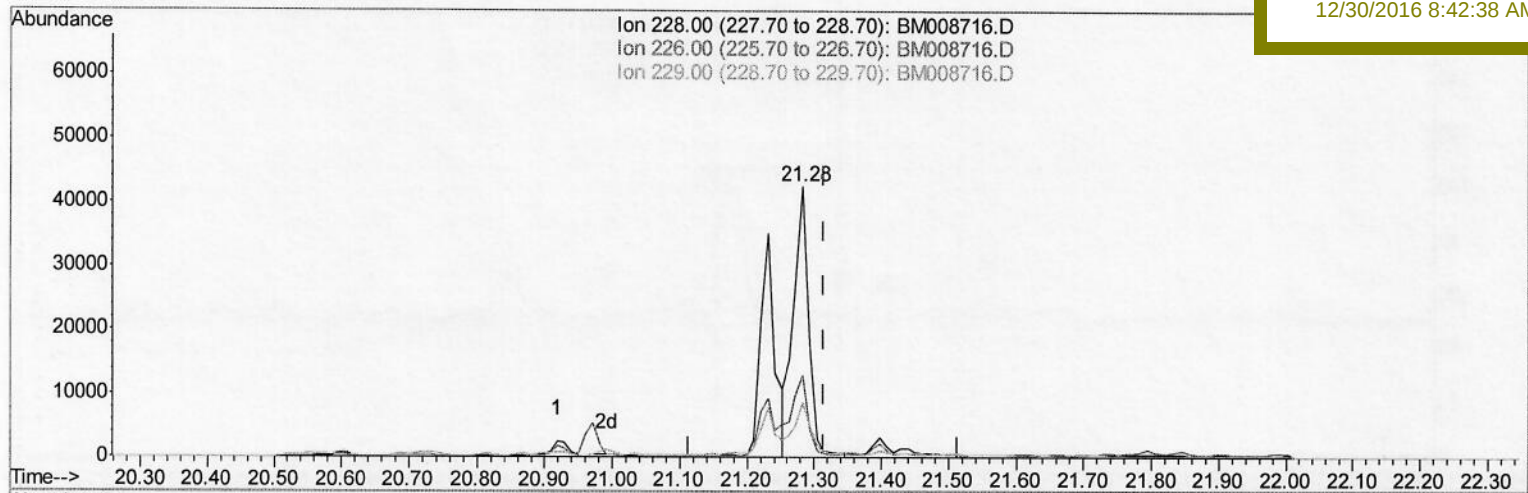
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
 Data File : BM008716.D
 Acq On : 29 Dec 2016 12:26
 Operator : UM/SJ
 Sample : H6067-05DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 30 02:25:49 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 00:54:22 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
ClientSampleId :
 DA7F6DL

Manual Integrations
APPROVED

Sohil
 12/30/2016 8:42:38 AM



TIC: BM008716.D

(19) Chrysene

21.283min (-0.031) 13.53ng/ul m

response 67004

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	30.27
229.00	22.10	20.29
0.00	0.00	0.00

SJ
 12/30/16

Quantitation Report (Qedit)

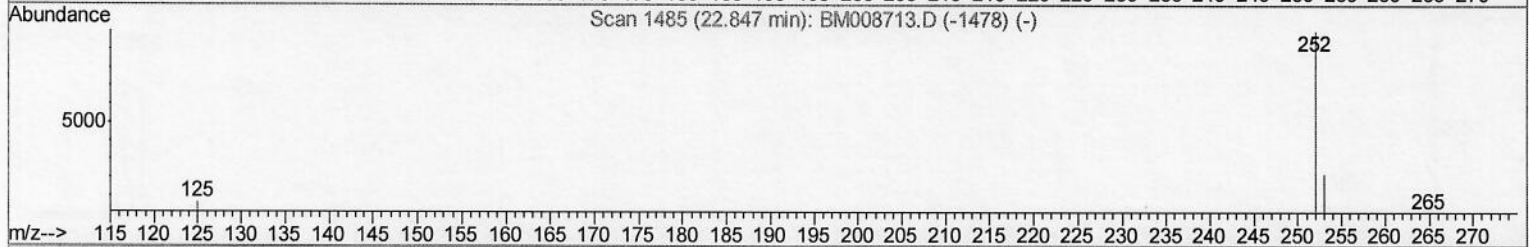
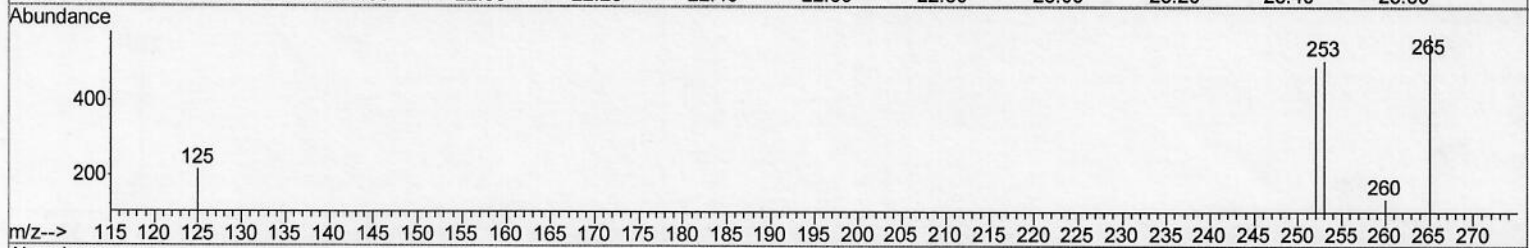
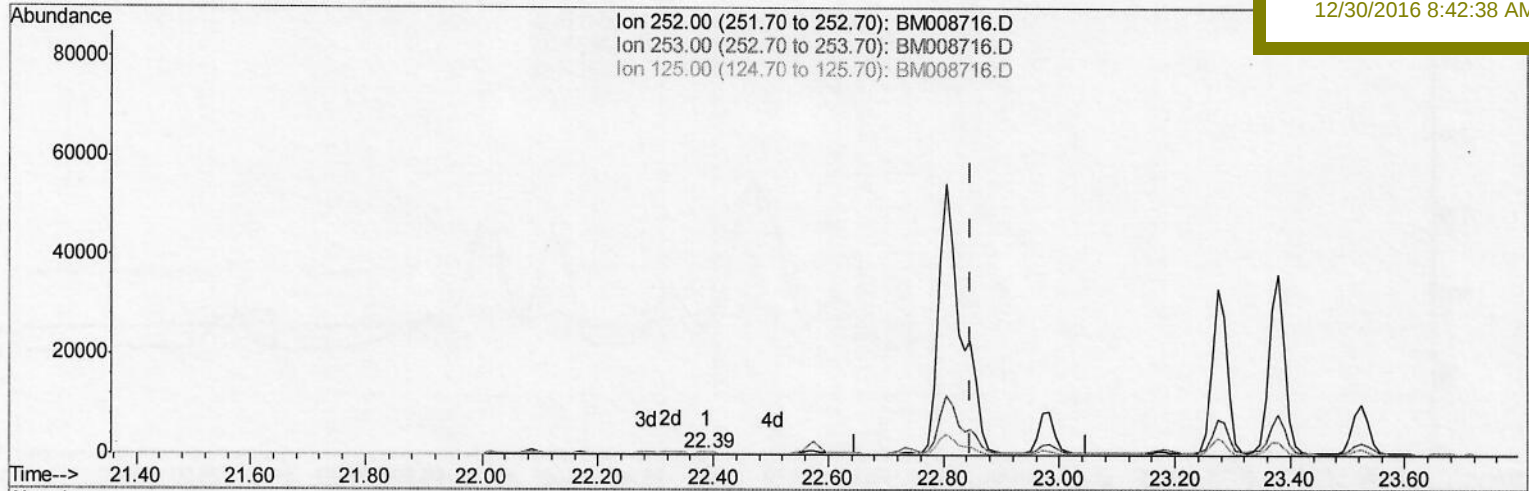
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
 Data File : BM008716.D
 Acq On : 29 Dec 2016 12:26
 Operator : UM/SJ
 Sample : H6067-05DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 30 02:25:49 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 00:54:22 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
ClientSampleId :
 DA7F6DL

Manual Integrations
APPROVED

Sohil
 12/30/2016 8:42:38 AM



TIC: BM008716.D

(21) Benzo(b)fluoranthene
 22.388min (-0.459) 0.09ng/ul
 response 654

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	103.67#
125.00	17.50	43.88#
0.00	0.00	0.00

Quantitation Report (Qedit)

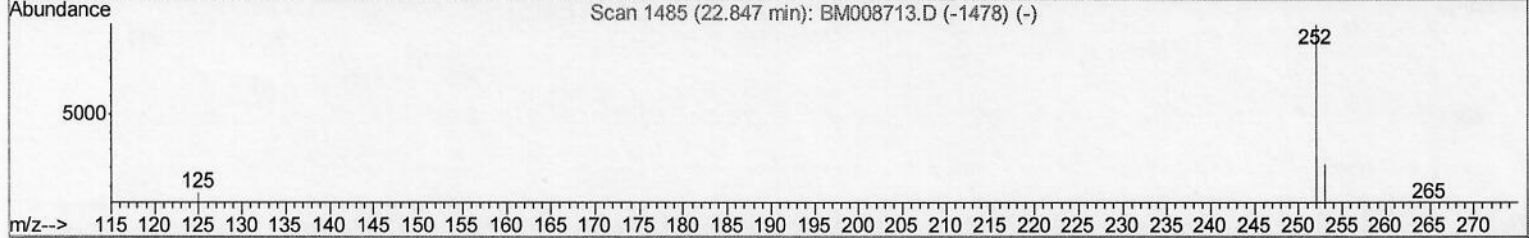
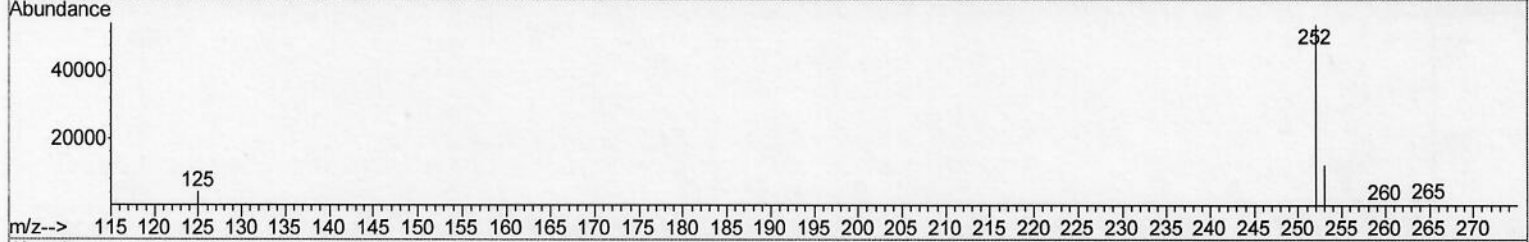
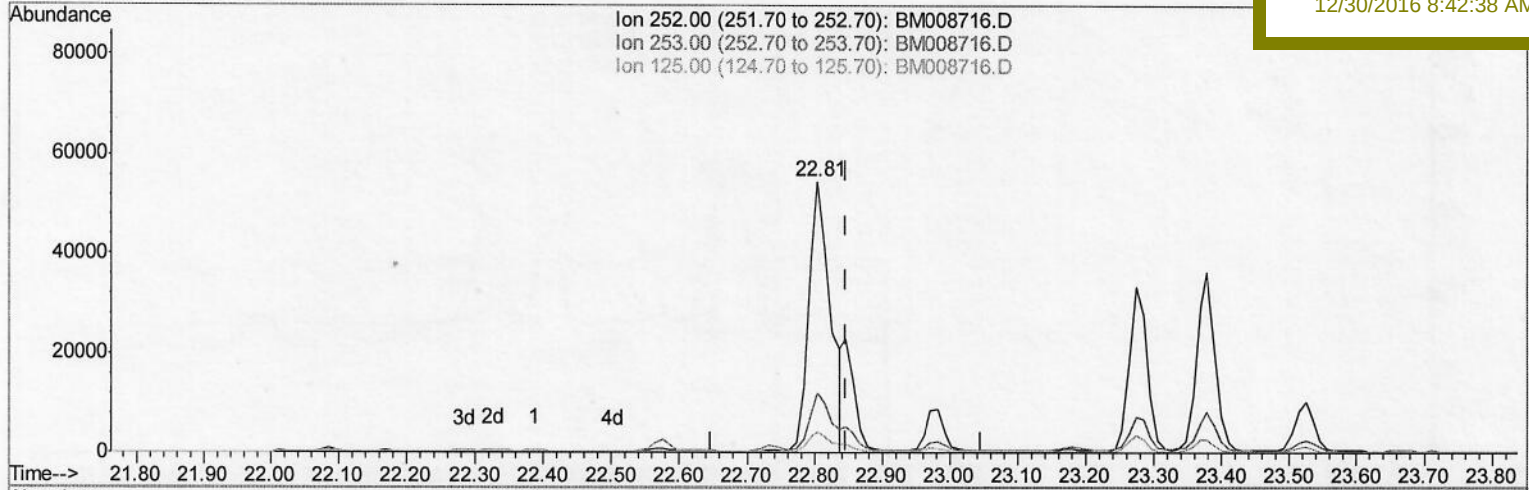
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
 Data File : BM008716.D
 Acq On : 29 Dec 2016 12:26
 Operator : UM/SJ
 Sample : H6067-05DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 30 02:25:49 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 00:54:22 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DA7F6DL

Manual Integrations
 APPROVED

Sohil
 12/30/2016 8:42:38 AM



(21) Benzo(b)fluoranthene

22.805min (-0.042) 17.06ng/ul m

response 121833

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	22.06
125.00	17.50	7.56
0.00	0.00	0.00

SJ
12/30/16

Quantitation Report (Qedit)

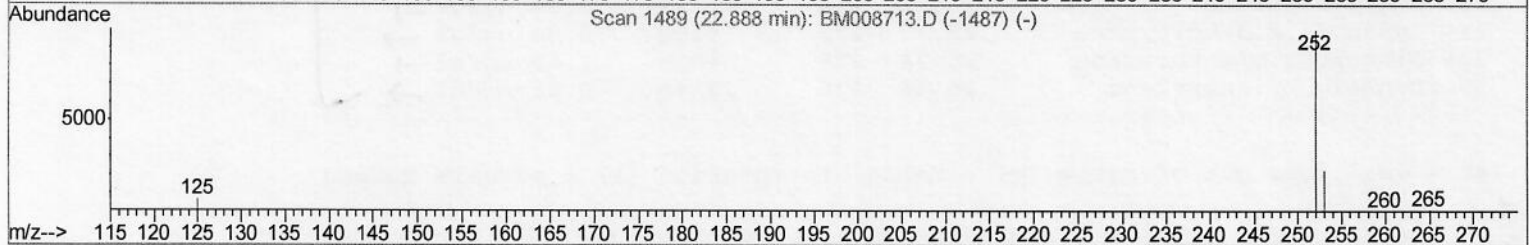
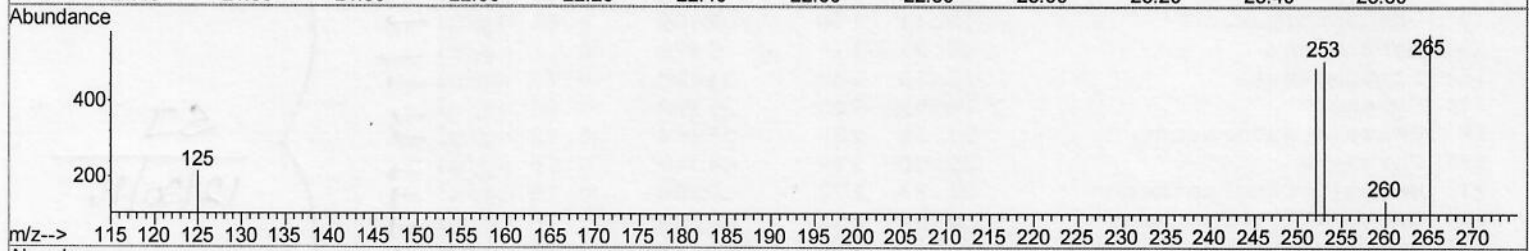
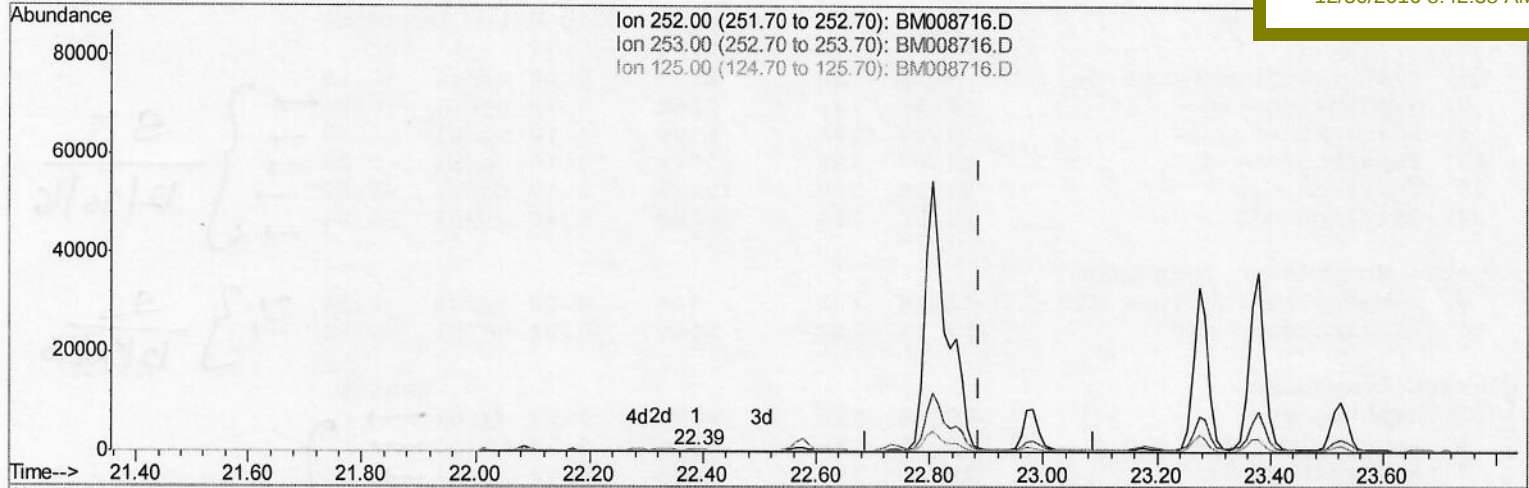
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
 Data File : BM008716.D
 Acq On : 29 Dec 2016 12:26
 Operator : UM/SJ
 Sample : H6067-05DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7F6DL

Quant Time: Dec 30 02:25:49 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 00:54:22 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Sohil
 12/30/2016 8:42:38 AM



TIC: BM008716.D

(22) Benzo(k)fluoranthene
 22.388min (-0.500) 0.09ng/ul
 response 654

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	103.67#
125.00	17.10	43.88#
0.00	0.00	0.00

Quantitation Report (Qedit)

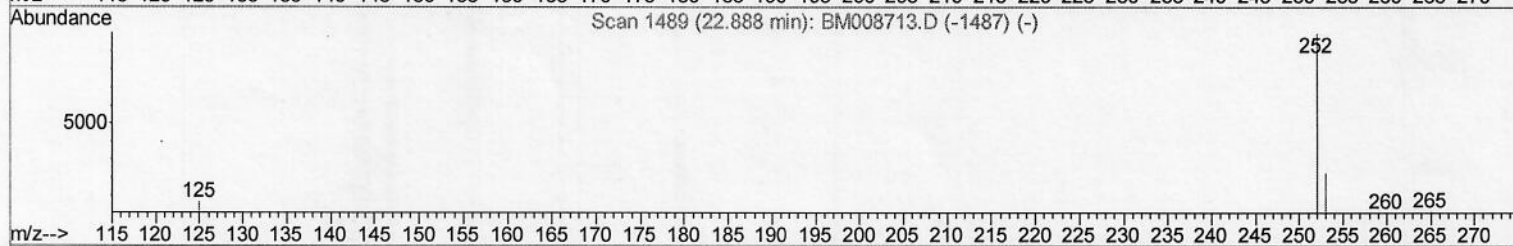
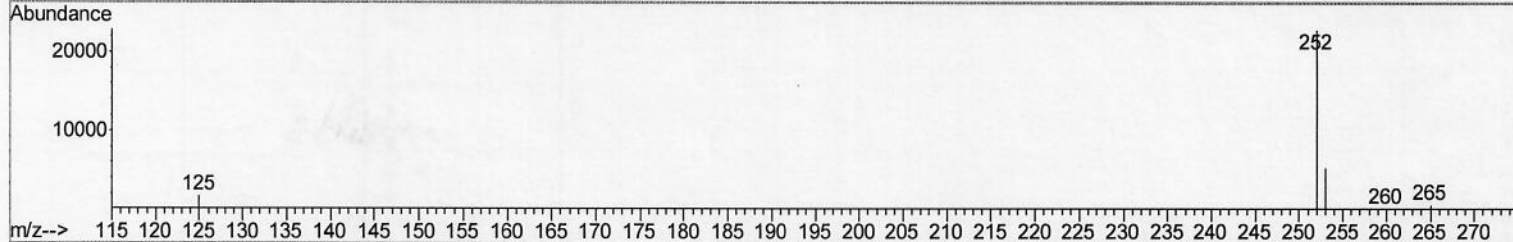
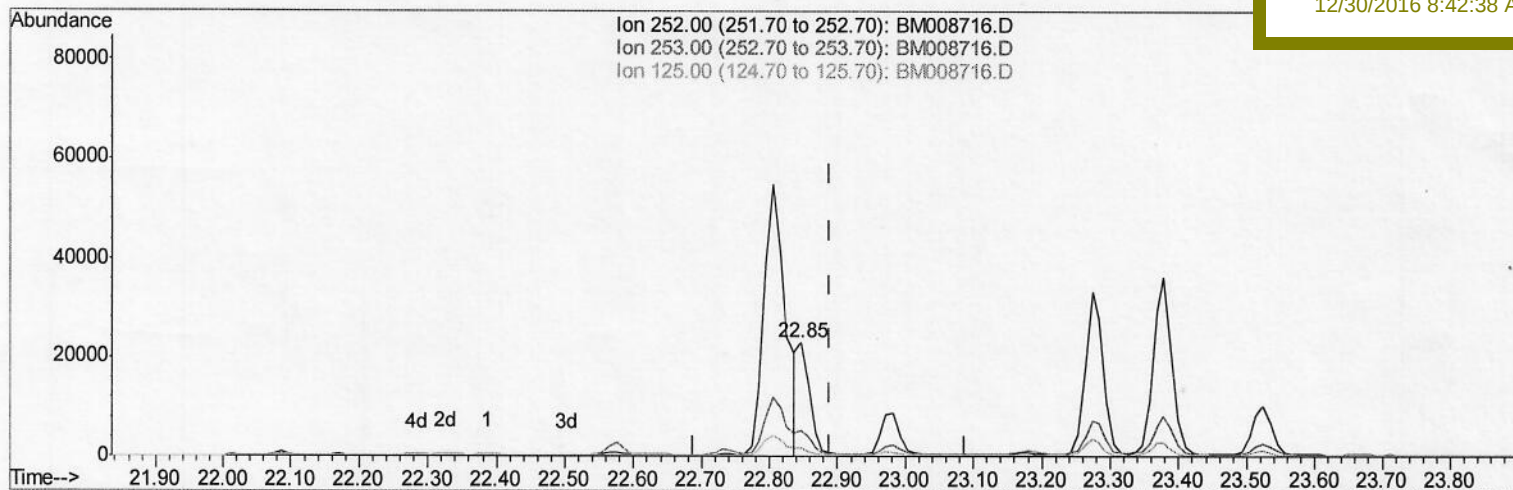
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
Data File : BM008716.D
Acq On : 29 Dec 2016 12:26
Operator : UM/SJ
Sample : H6067-05DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 30 02:25:49 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 30 00:54:22 2016
Response via : Initial Calibration

Instrument :
BNA_M
Client Sample Id :
DA7F6DL

Manual Integrations
APPROVED

Sohil
12/30/2016 8:42:38 AM



TIC: BM008716.D

(22) Benzo(k)fluoranthene

22.847min (-0.042) 4.03ng/ul m

response 28034

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.25#
125.00	17.10	7.54#
0.00	0.00	0.00

SJ
12/30/16

Quantitation Report (Qedit)

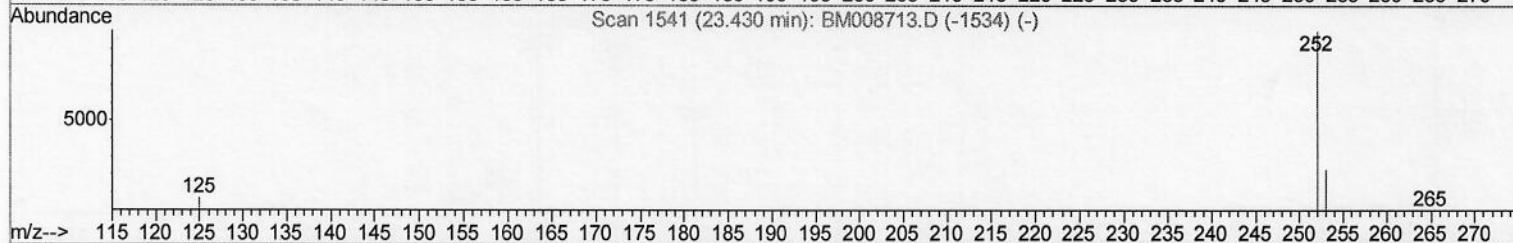
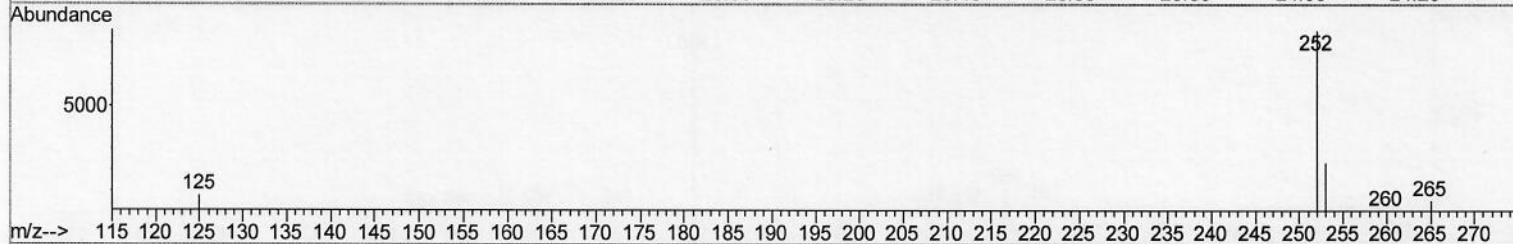
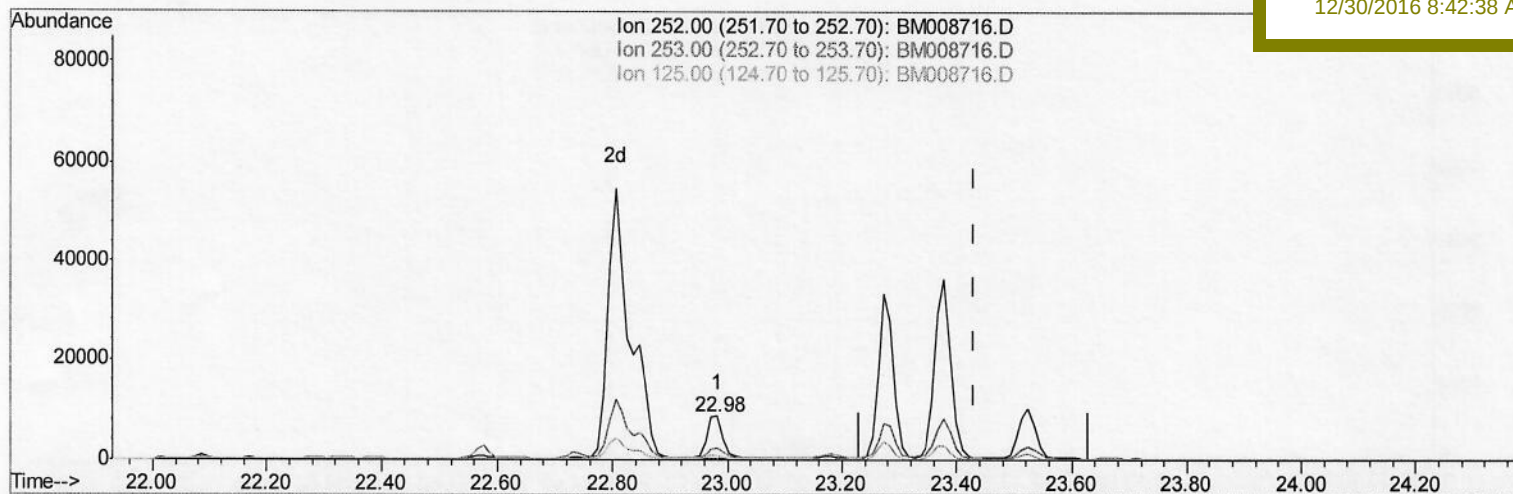
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
Data File : BM008716.D
Acq On : 29 Dec 2016 12:26
Operator : UM/SJ
Sample : H6067-05DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 30 02:25:49 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 30 00:54:22 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA7F6DL

Manual Integrations
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Sohil
12/30/2016 8:42:38 AM



TIC: BM008716.D

(23) Benzo(a)pyrene (C)
22.982min (-0.448) 2.42ng/ul
response 16019

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	27.19#
125.00	22.60	9.47#
0.00	0.00	0.00

Quantitation Report (Qedit)

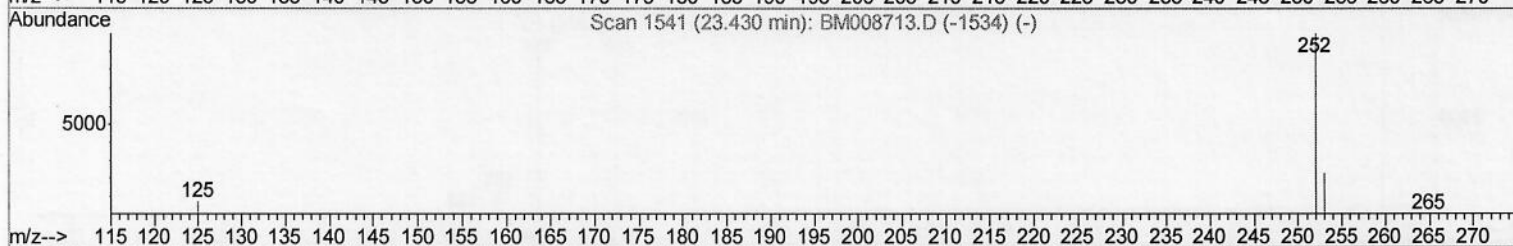
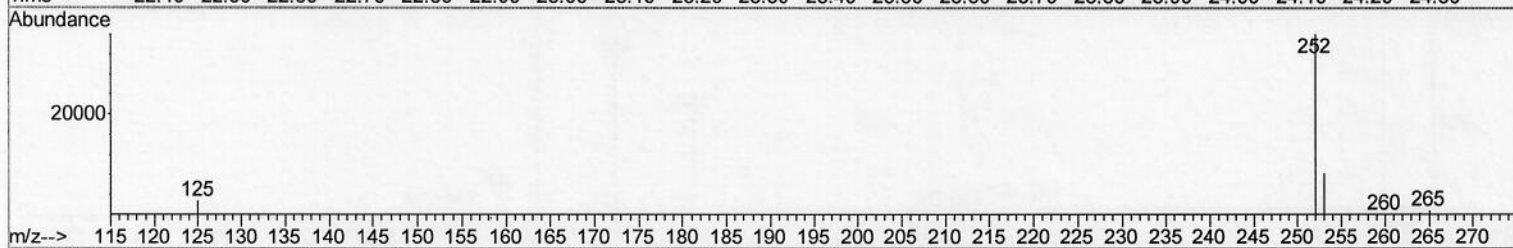
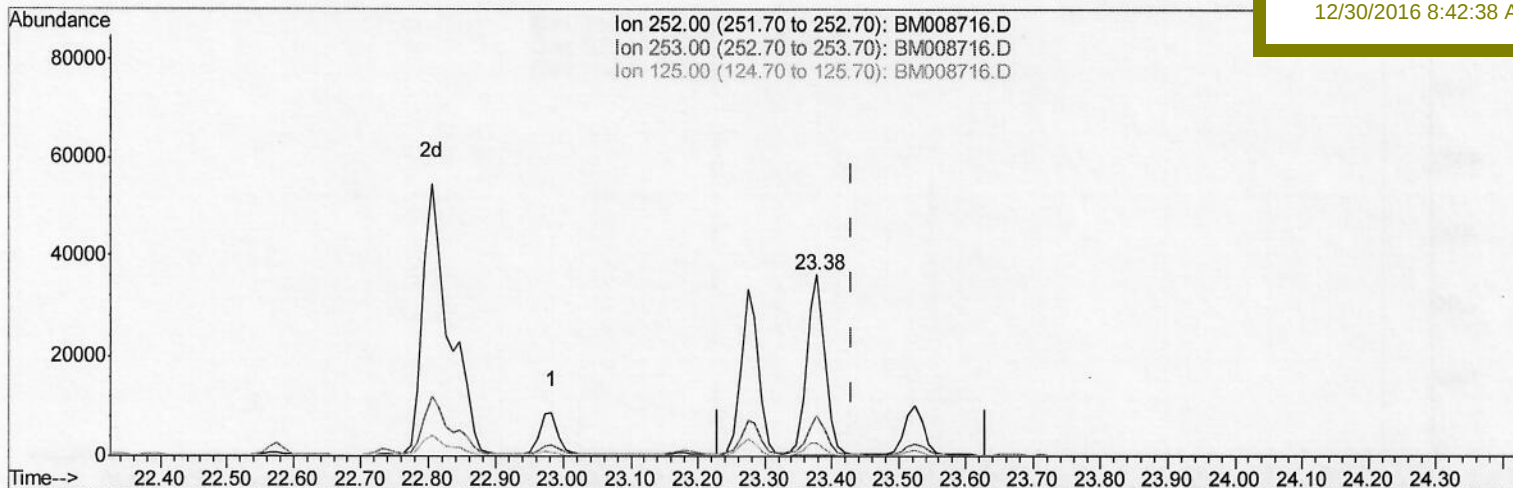
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
 Data File : BM008716.D
 Acq On : 29 Dec 2016 12:26
 Operator : UM/SJ
 Sample : H6067-05DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 30 02:25:49 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 00:54:22 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DA7F6DL

Manual Integrations
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(23) Benzo(a)pyrene (C)

23.378min (-0.052) 10.38ng/ul m

response 68748

SJ
12/30/16

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	22.84#
125.00	22.60	7.74#
0.00	0.00	0.00

Quantitation Report (Qedit)

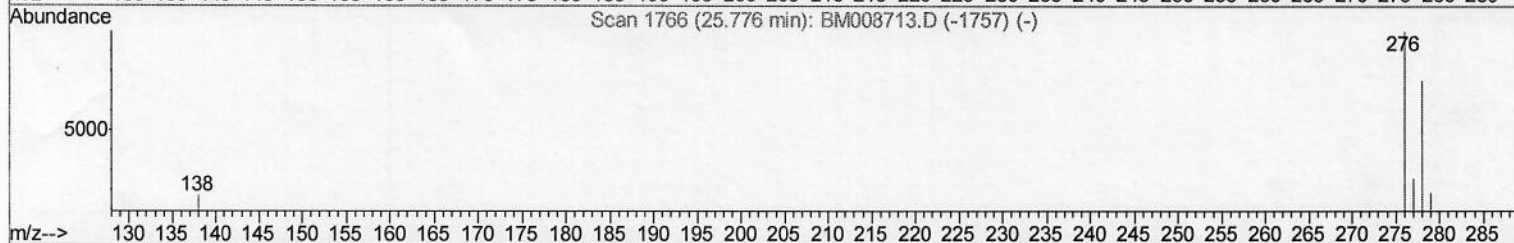
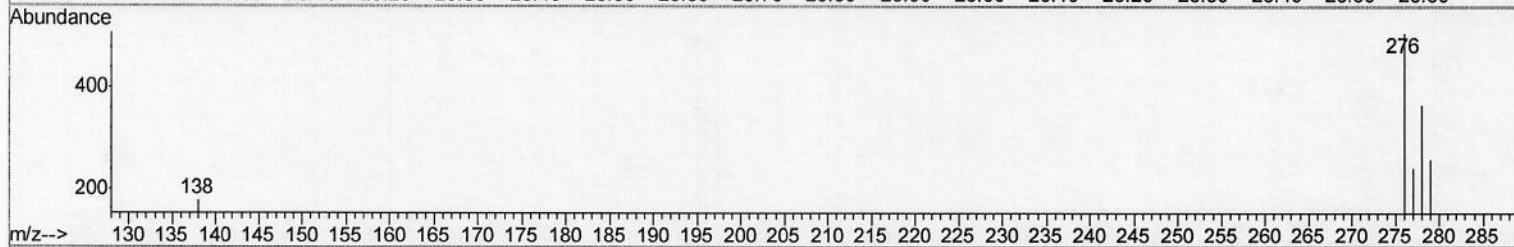
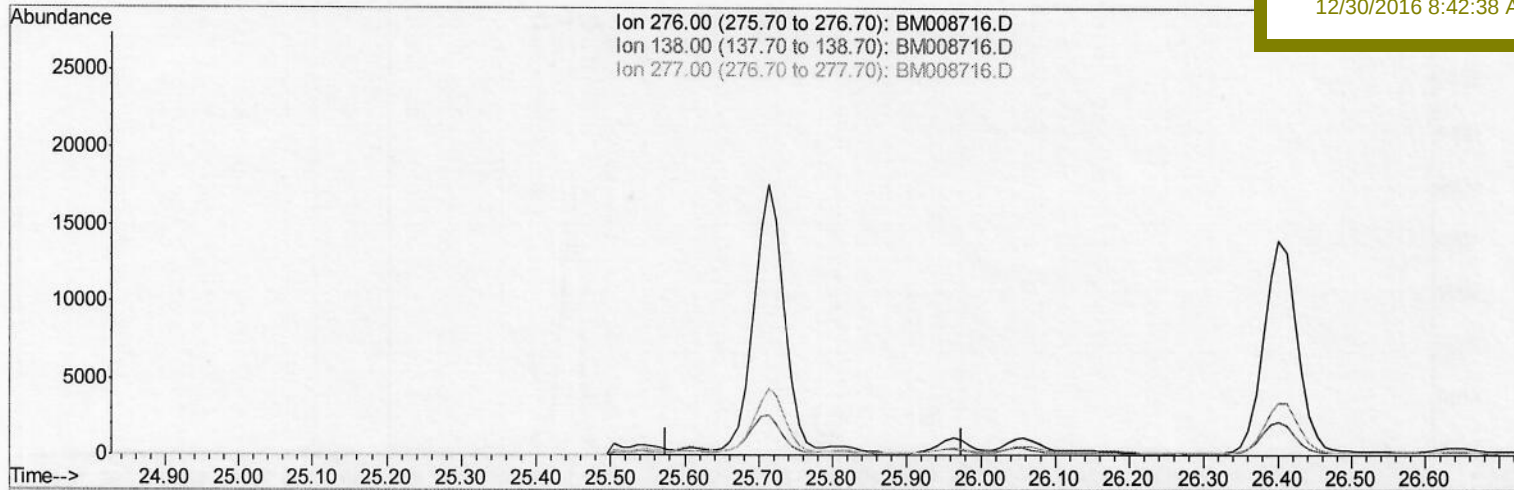
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
 Data File : BM008716.D
 Acq On : 29 Dec 2016 12:26
 Operator : UM/SJ
 Sample : H6067-05DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 30 02:25:49 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 00:54:22 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DA7F6DL

Manual Integrations
 APPROVED

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 12/30/2016 8:42:38 AM



TIC: BM008716.D

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

25.776min (-25.776) 0.00ng/ul

response 0

Ion	Exp%	Act%
276.00	100	0.00
138.00	23.90	0.00#
277.00	24.50	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
Data File : BM008716.D
Acq On : 29 Dec 2016 12:26
Operator : UM/SJ
Sample : H6067-05DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 30 02:25:49 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 30 00:54:22 2016
Response via : Initial Calibration

Instrument :

BNA_M

Client Sample ID :

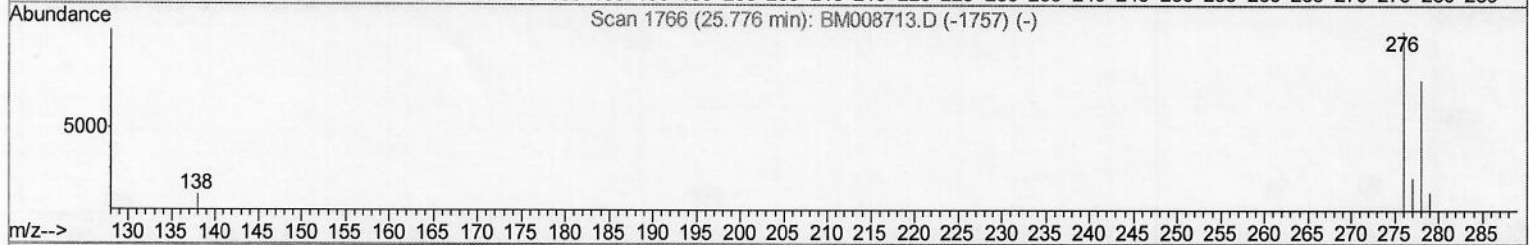
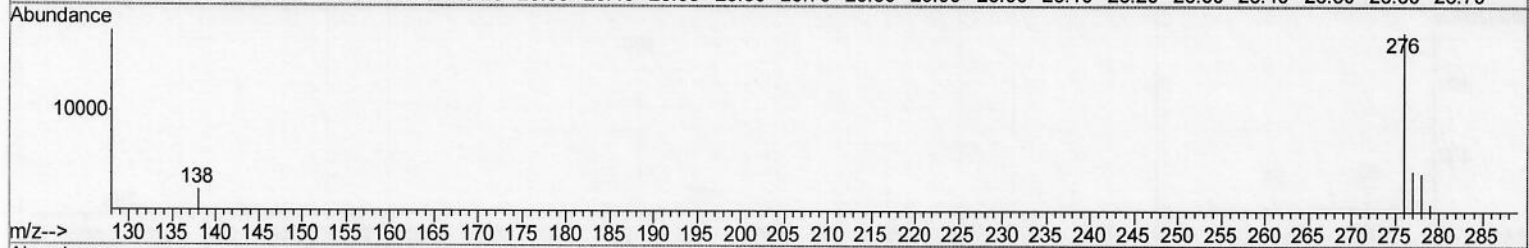
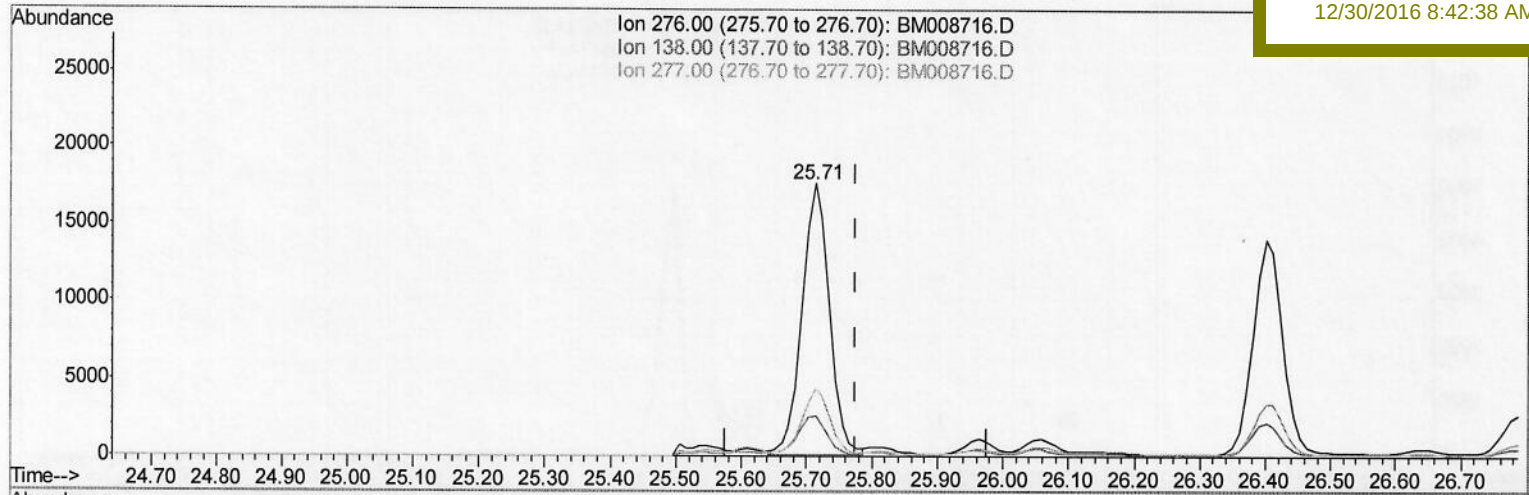
DA7F6DL

Manual Integrations

APPROVED

Sohil

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TIC: BM008716.D

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

25.713min (-0.063) 6.36ng/ul m

response 50189

Ion	Exp%	Act%
276.00	100	100
138.00	23.90	0.00#
277.00	24.50	0.00#
0.00	0.00	0.00

SJ
12/30/16

Quantitation Report (Qedit)

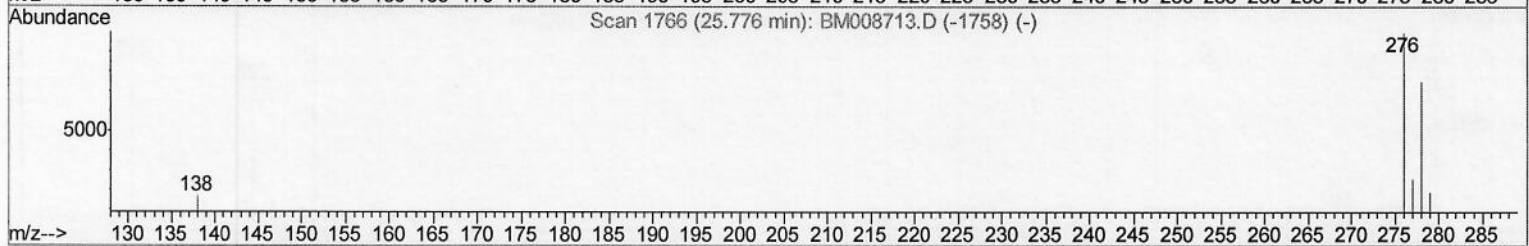
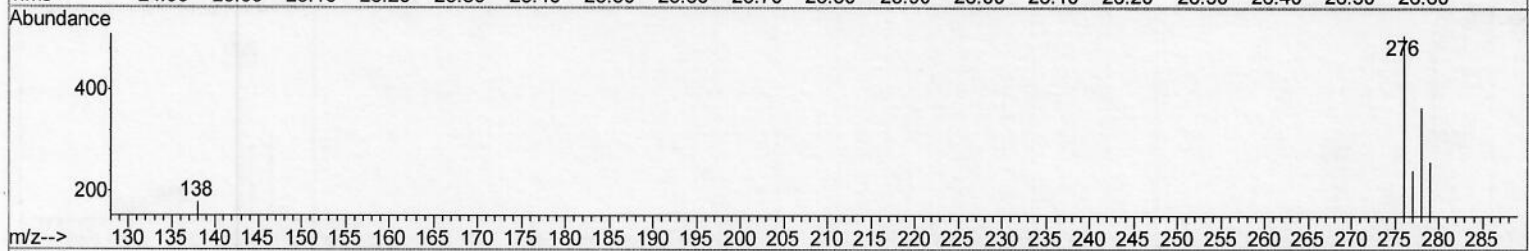
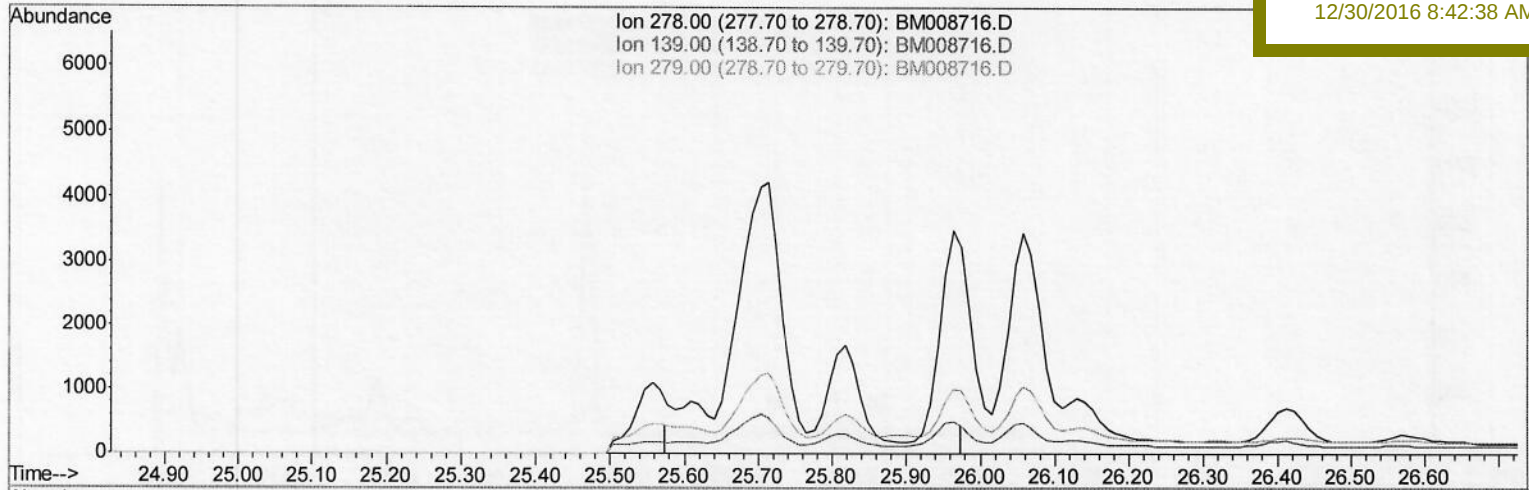
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
 Data File : BM008716.D
 Acq On : 29 Dec 2016 12:26
 Operator : UM/SJ
 Sample : H6067-05DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 30 02:25:49 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 00:54:22 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
ClientSampleId :
 DA7F6DL

Manual Integrations
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TIC: BM008716.D

(25) Dibenzo(a,h)anthracene

25.776min (-25.776) 0.00ng/ul

response 0

Ion	Exp%	Act%
278.00	100	0.00
139.00	21.70	0.00#
279.00	32.40	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

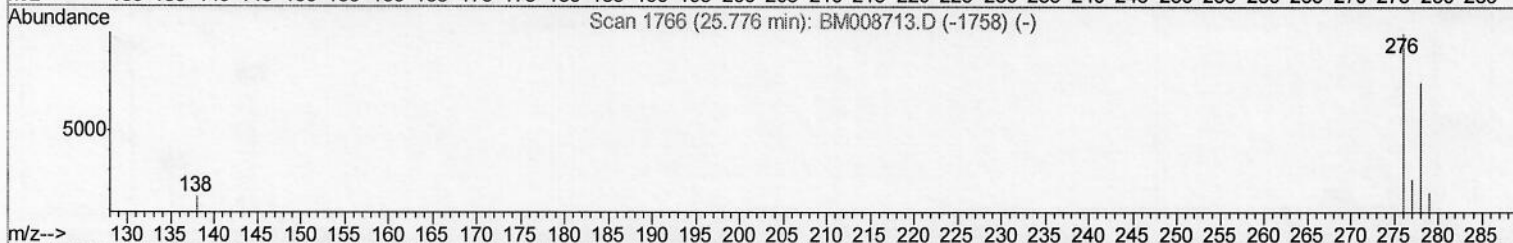
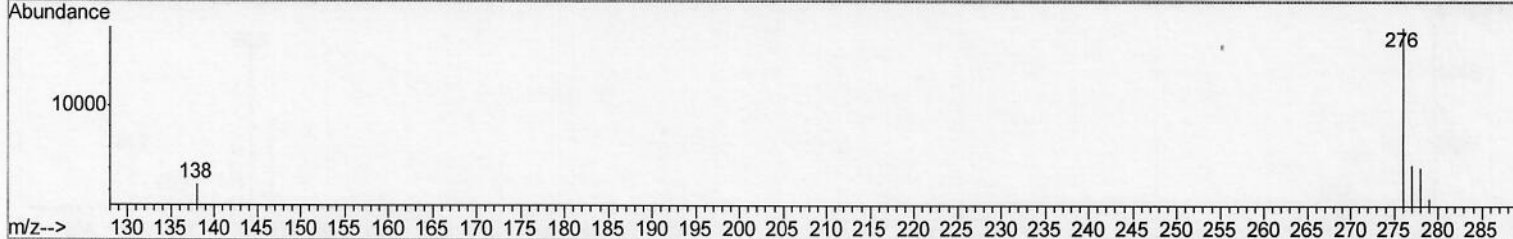
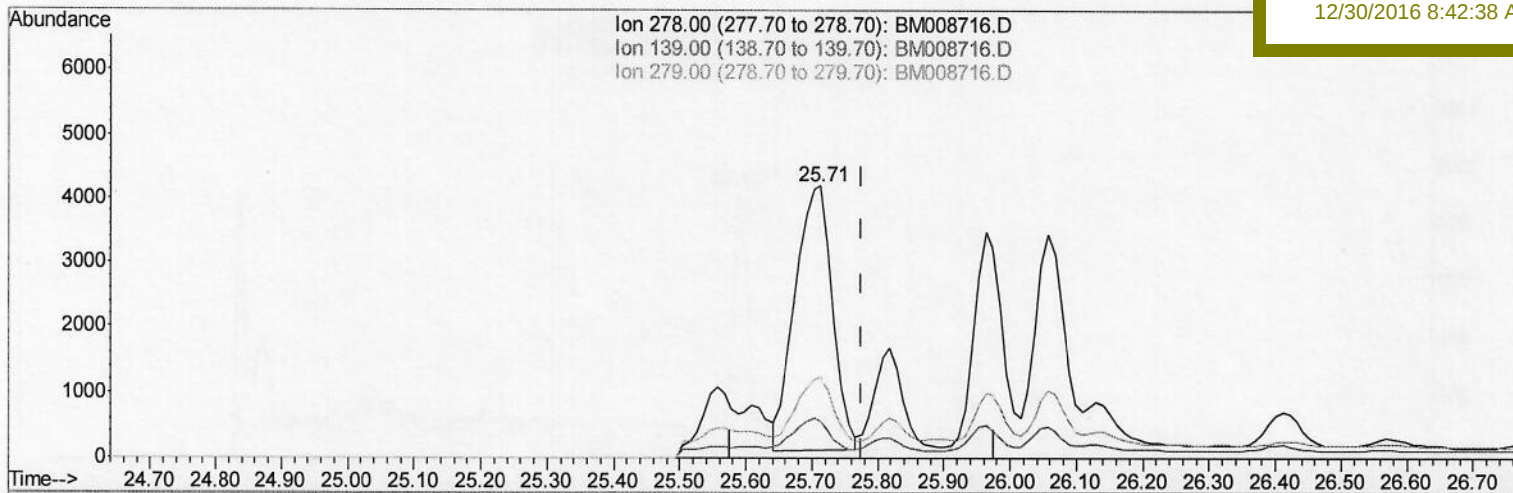
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
 Data File : BM008716.D
 Acq On : 29 Dec 2016 12:26
 Operator : UM/SJ
 Sample : H6067-05DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 30 02:25:49 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
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Instrument :
 BNA_M
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Manual Integrations
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TIC: BM008716.D

(25) Dibenzo(a,h)anthracene

25.713min (-0.063) 2.53ng/ul m

response 15975

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	13.07#
279.00	32.40	29.55
0.00	0.00	0.00

SJ
 12/30/16

Quantitation Report (Qedit)

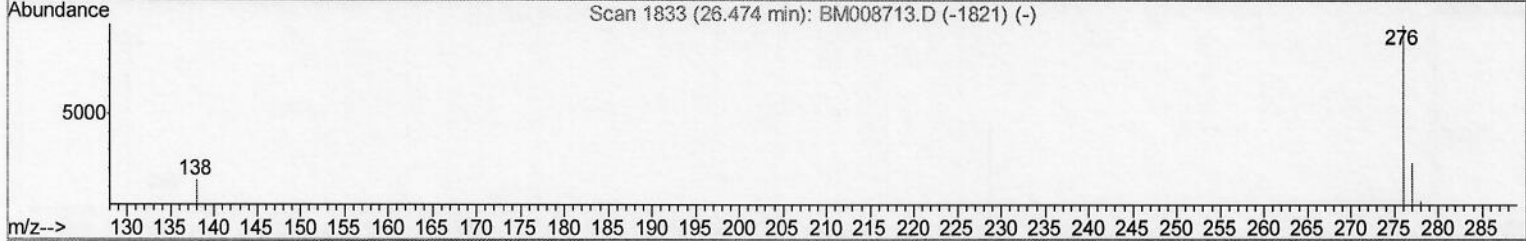
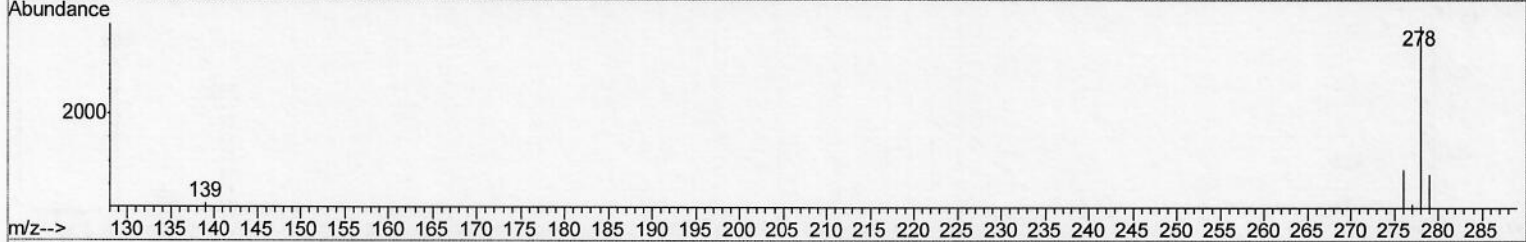
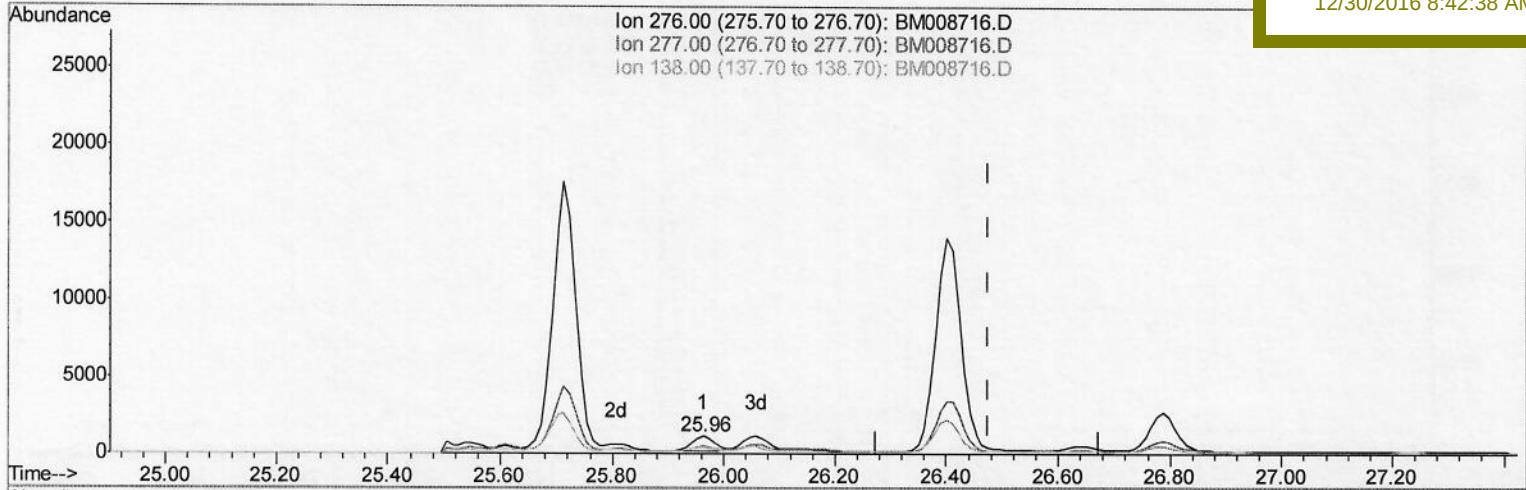
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
 Data File : BM008716.D
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 Operator : UM/SJ
 Sample : H6067-05DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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Instrument :
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ClientSampleId :
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Manual Integrations
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TIC: BM008716.D

(26) Benzo(g,h,i)perylene
 25.964min (-0.511) 0.38ng/ul
 response 2559

Ion	Exp%	Act%
276.00	100	100
277.00	27.30	44.72#
138.00	25.60	39.76#
0.00	0.00	0.00

Quantitation Report (Qedit)

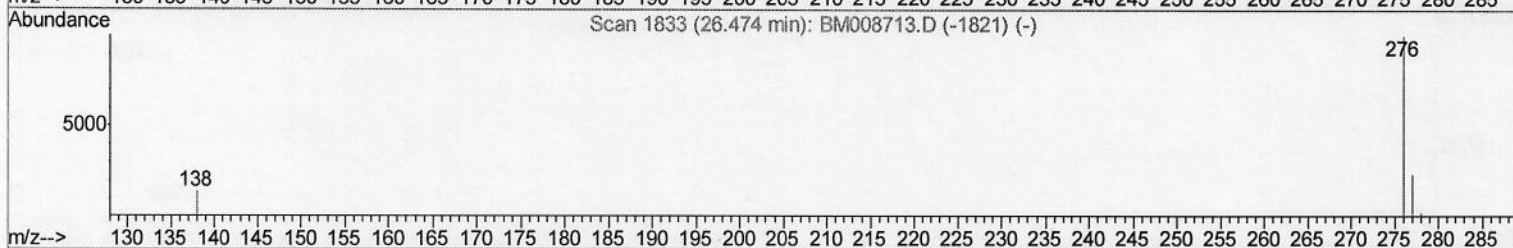
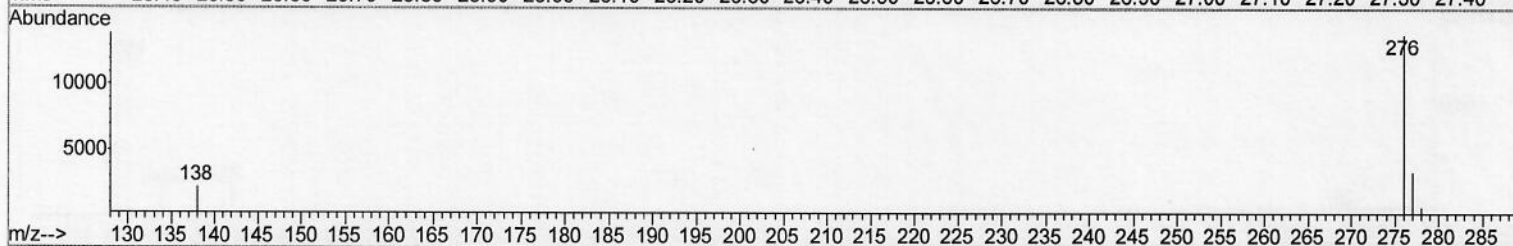
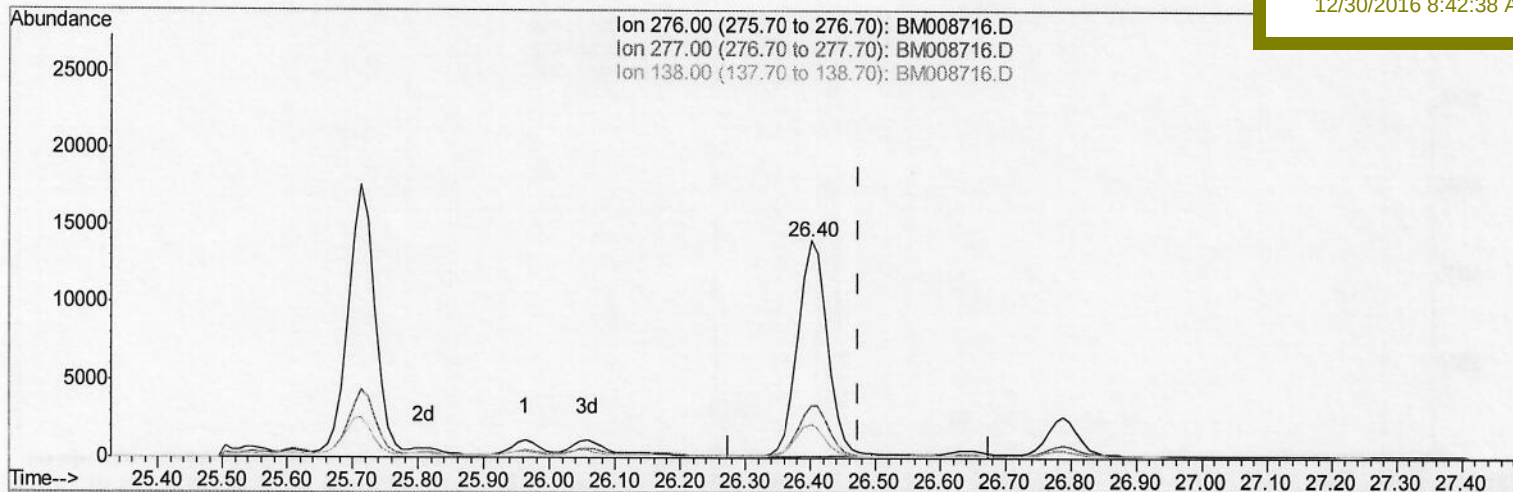
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
 Data File : BM008716.D
 Acq On : 29 Dec 2016 12:26
 Operator : UM/SJ
 Sample : H6067-05DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
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Manual Integrations
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TIC: BM008716.D

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

26.401min (-0.073) 6.58ng/ul m

response 44492

Ion	Exp%	Act%
276.00	100	100
277.00	27.30	24.14
138.00	25.60	15.63#
0.00	0.00	0.00

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12/30/16

Quantitation Report (Qedit)

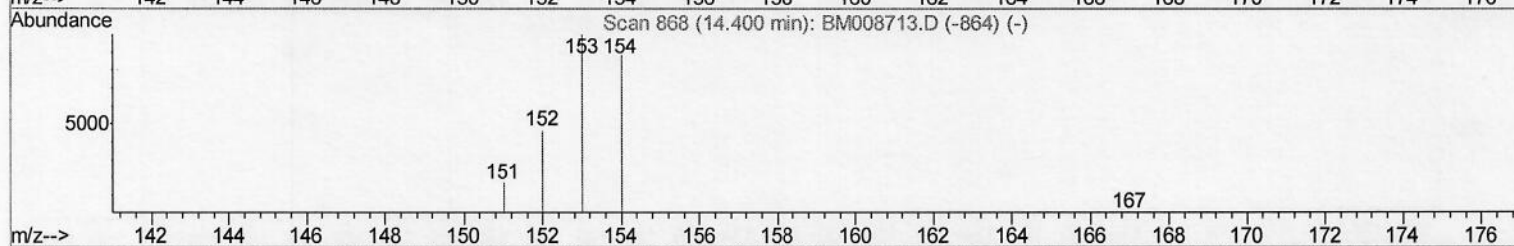
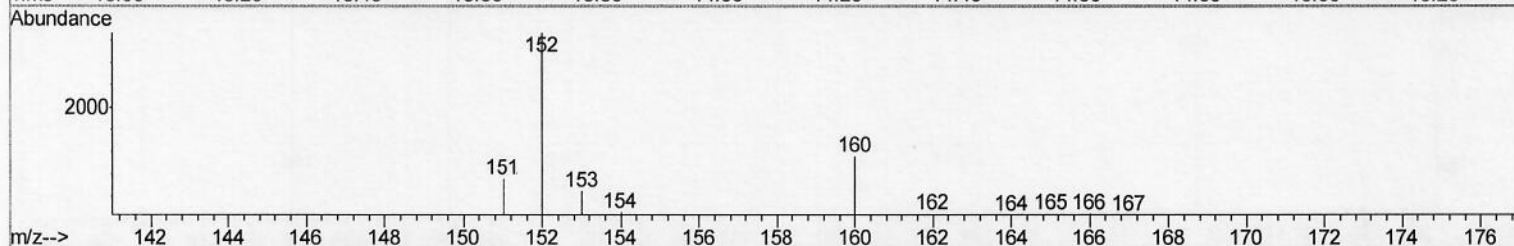
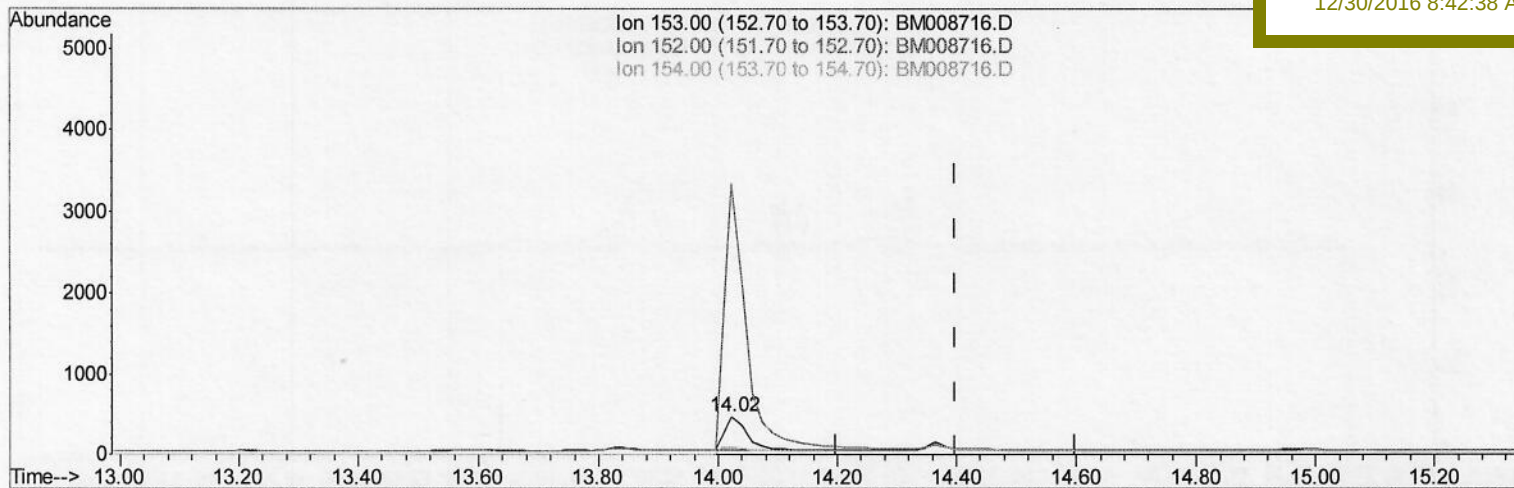
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
 Data File : BM008716.D
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 Operator : UM/SJ
 Sample : H6067-05DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Time: Dec 30 02:29:41 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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Manual Integrations
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TIC: BM008716.D

(8) Acenaphthene (C)

14.023min (-0.377) 0.47ng/ul

response 1029

Ion	Exp%	Act%
153.00	100	100
152.00	50.40	704.21#
154.00	89.30	18.32#
0.00	0.00	0.00

Quantitation Report (Qedit)

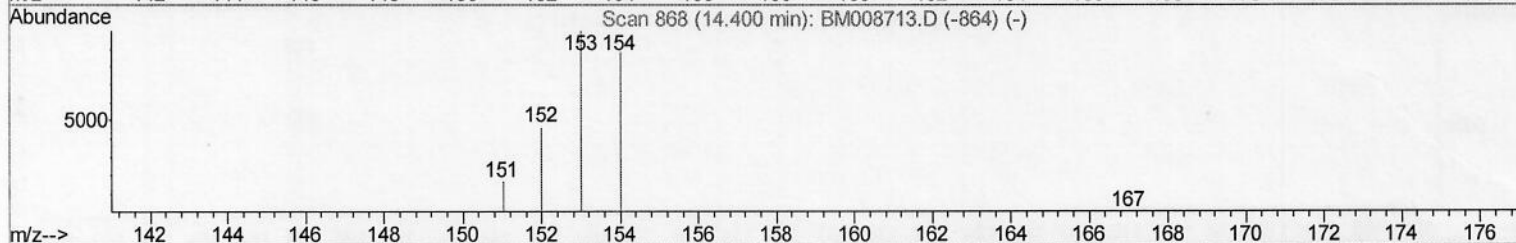
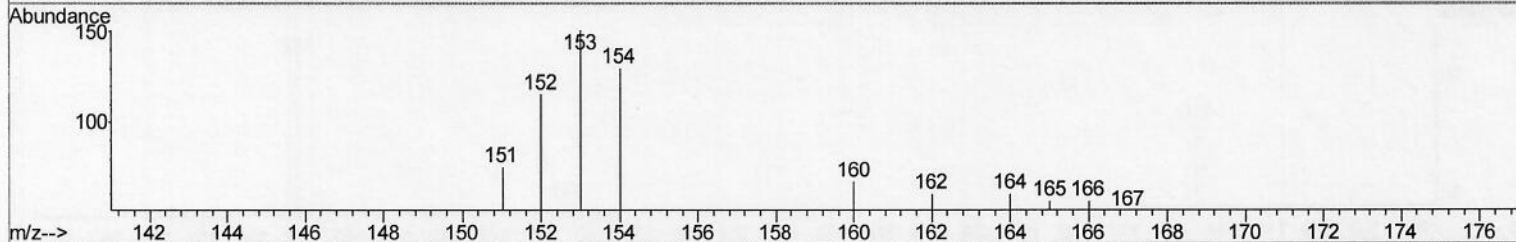
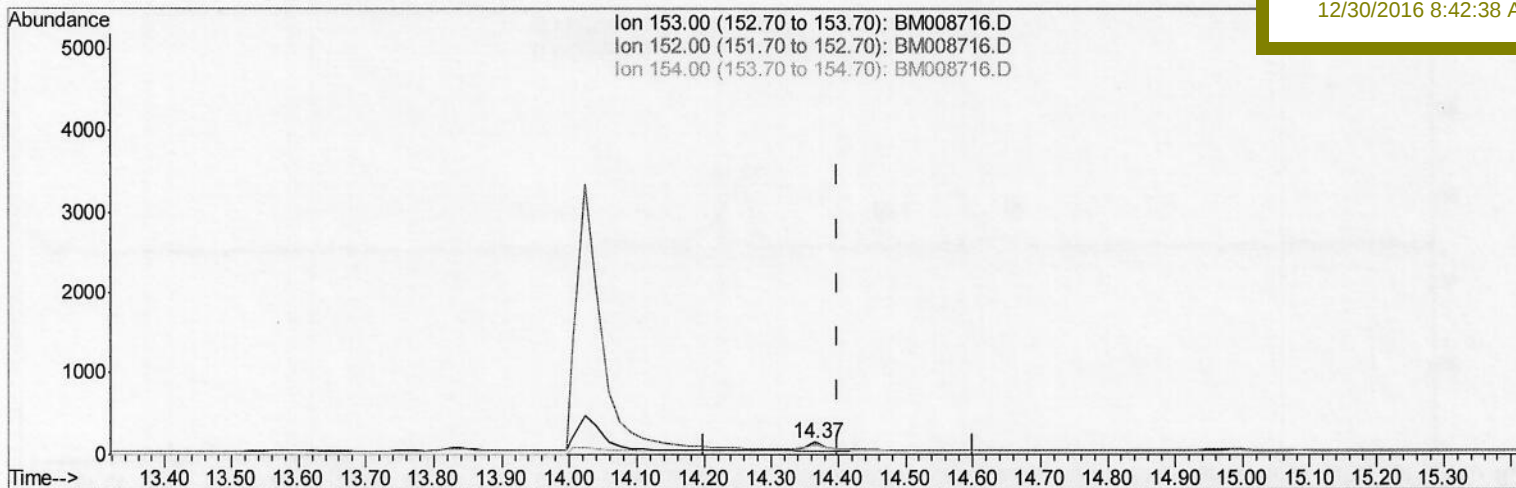
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
 Data File : BM008716.D
 Acq On : 29 Dec 2016 12:26
 Operator : UM/SJ
 Sample : H6067-05DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 30 02:29:41 2016
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Instrument :
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 ClientSampleId :
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Manual Integrations
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TIC: BM008716.D

(8) Acenaphthene (C)

14.366min (-0.034) 0.12ng/ul m

response 255

SJ
12/30/16

Ion	Exp%	Act%
153.00	100	100
152.00	50.40	76.82#
154.00	89.30	86.09
0.00	0.00	0.00

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 Misc :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	283	0.40	ng/ul	-0.12
2) Naphthalene-d8	10.50	136	1043m	0.40	ng/ul	-0.05
6) Acenaphthene-d10	14.30	164	647m	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.06	188	1331m	0.40	ng/ul	-0.05
16) Chrysene-d12	21.25	240	1377m	0.40	ng/ul	-0.03
20) Perylene-d12	23.48	264	1813m	0.40	ng/ul	-0.03

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.13	152	47m	0.03	ng/ul	-0.02
14) Fluoranthene-d10	19.08	212	205m	0.06	ng/ul	-0.04

Target Compounds

					Qvalue
3) Naphthalene	10.55	128	408m	0.14	ng/ul
7) Acenaphthylene	14.02	152	7976m	2.73	ng/ul
8) Acenaphthene	14.37	153	255m	0.12	ng/ul
9) Fluorene	15.38	166	577m	0.23	ng/ul
12) Phenanthrene	17.09	178	3139m	0.77	ng/ul
13) Anthracene	17.19	178	13142m	3.33	ng/ul
15) Fluoranthene	19.12	202	21468m	4.31	ng/ul
17) Pyrene	19.48	202	24989m	4.69	ng/ul
18) Benzo (a) anthracene	21.23	228	52906m	11.70	ng/ul
19) Chrysene	21.28	228	67004m	13.53	ng/ul
21) Benzo (b) fluoranthene	22.81	252	121833m	17.06	ng/ul
22) Benzo (k) fluoranthene	22.85	252	28034m	4.03	ng/ul
23) Benzo (a) pyrene	23.38	252	68748m	10.38	ng/ul
24) Indeno (1,2,3-cd) pyrene	25.71	276	50189m	6.36	ng/ul
25) Dibenzo (a,h) anthracene	25.71	278	15975m	2.53	ng/ul
26) Benzo (g,h,i) perylene	26.40	276	44492m	6.58	ng/ul

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

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