

Quantitation Report (Qedit)

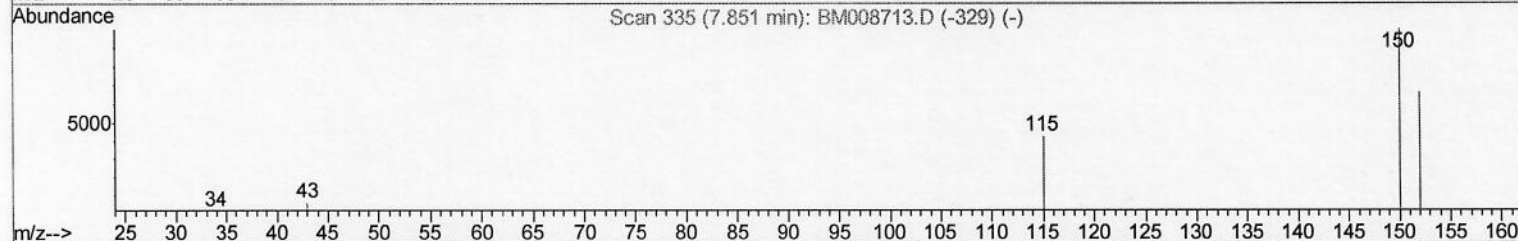
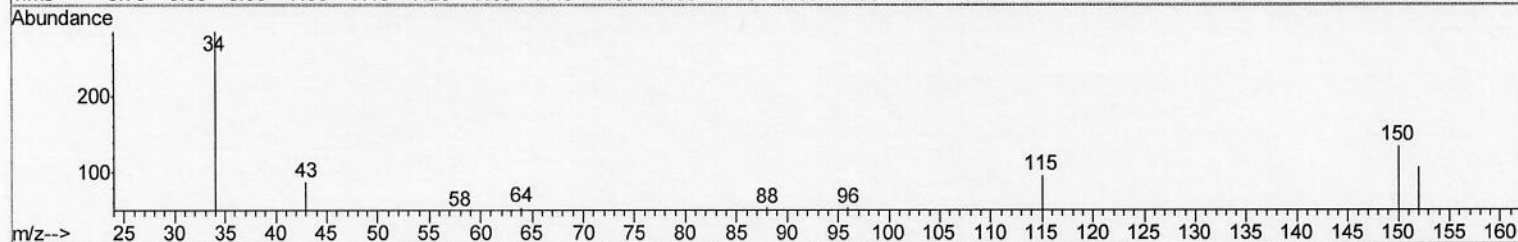
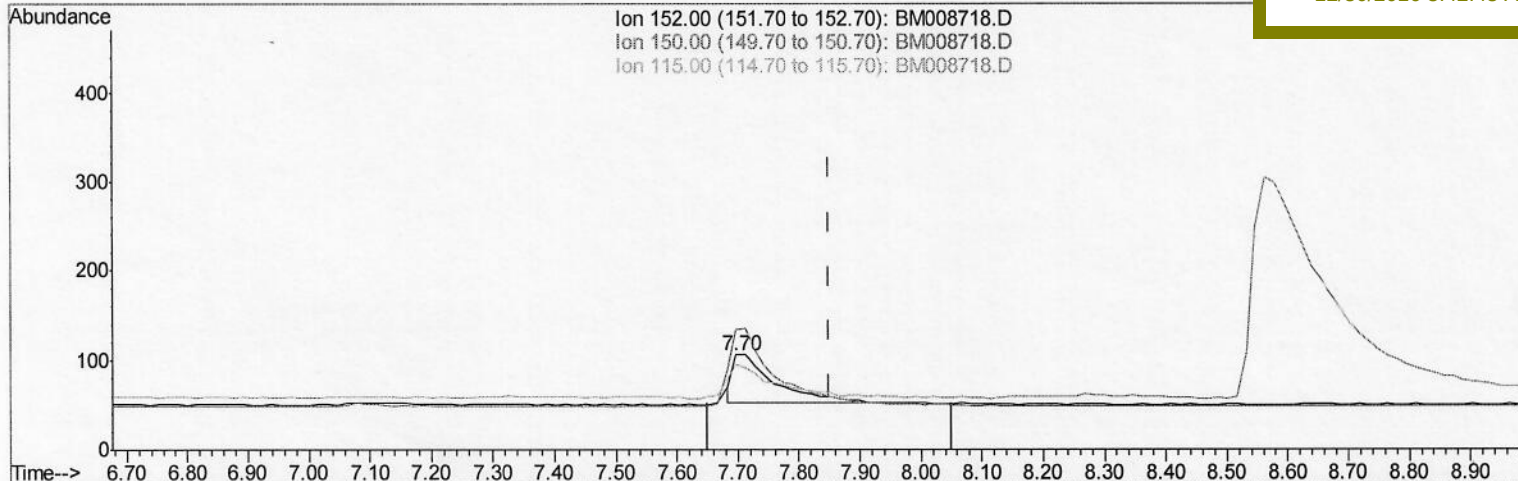
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
 Data File : BM008718.D
 Acq On : 29 Dec 2016 13:39
 Operator : UM/SJ
 Sample : H6067-14DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7G5DL

Quant Time: Dec 30 00:57:48 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: BM008718.D

(1) 1,4-Dichlorobenzene-d4 (I)

7.697min (-0.155) 0.40ng/ul

response 260

Ion	Exp%	Act%
152.00	100	100
150.00	143.40	126.42
115.00	64.90	90.57#
0.00	0.00	0.00

Quantitation Report (Qedit)

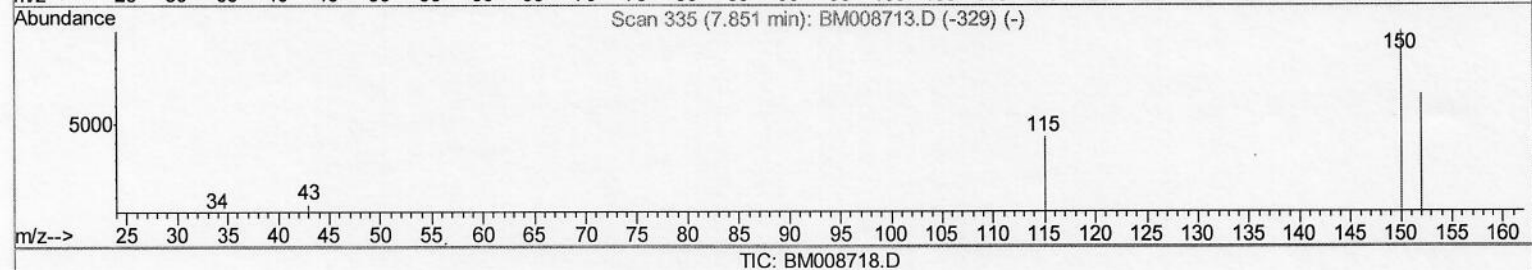
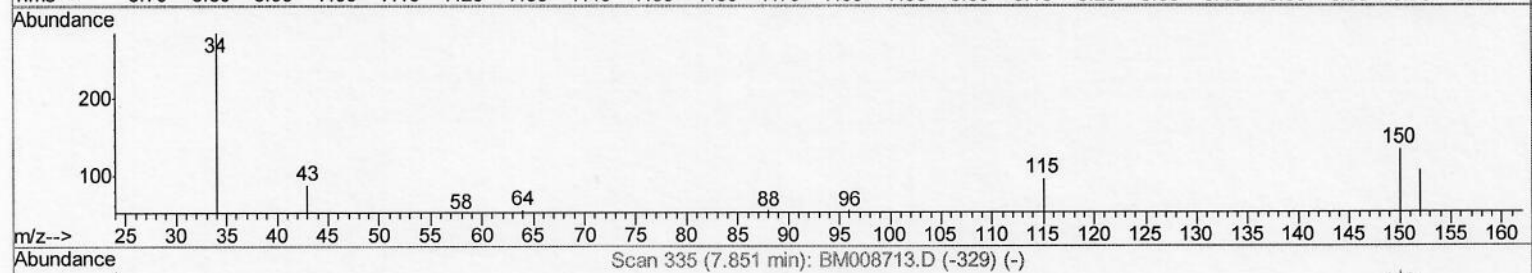
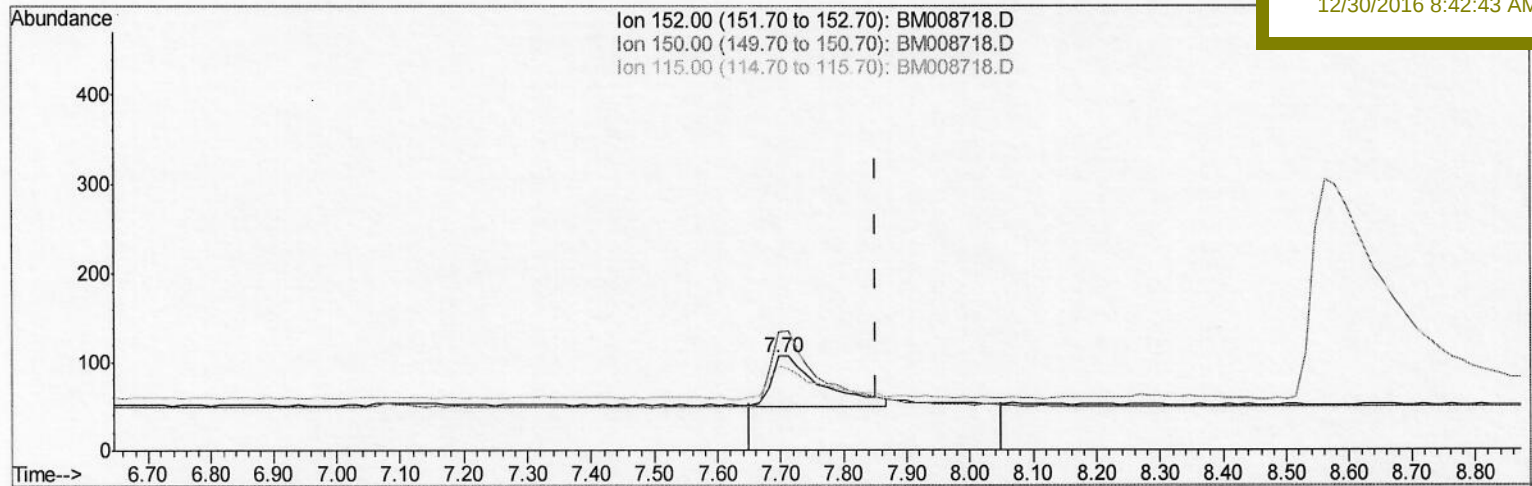
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(1) 1,4-Dichlorobenzene-d4 (I)

7.697min (-0.155) 0.40ng/ul m

response 320

Ion	Exp%	Act%
152.00	100	100
150.00	143.40	126.42
115.00	64.90	90.57#
0.00	0.00	0.00

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BNA_M

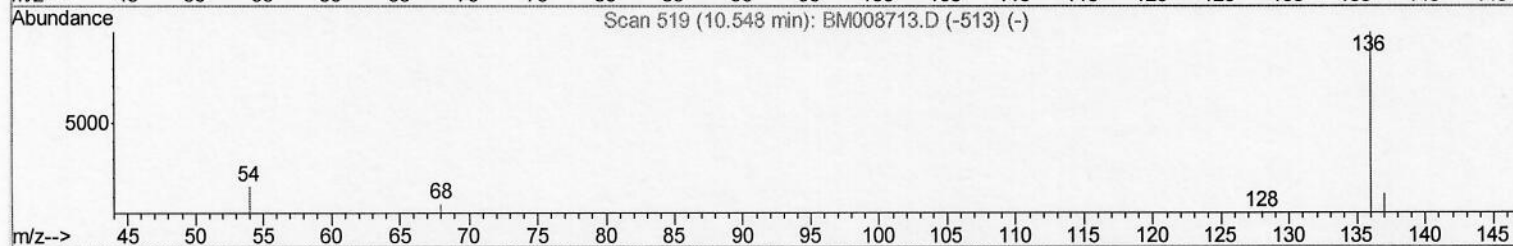
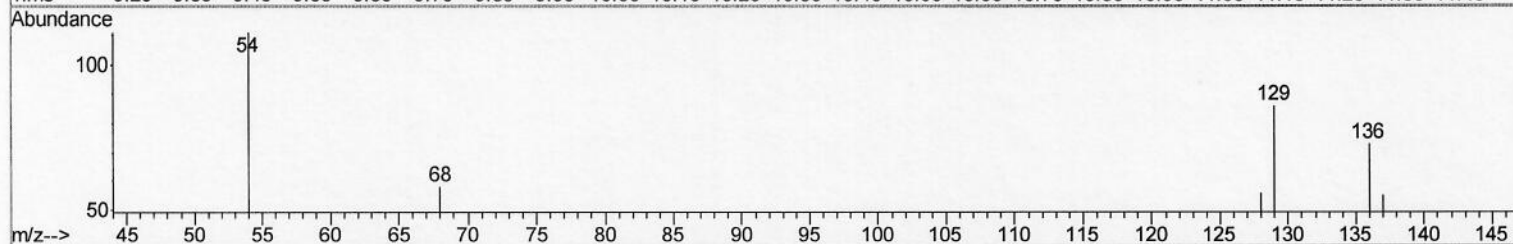
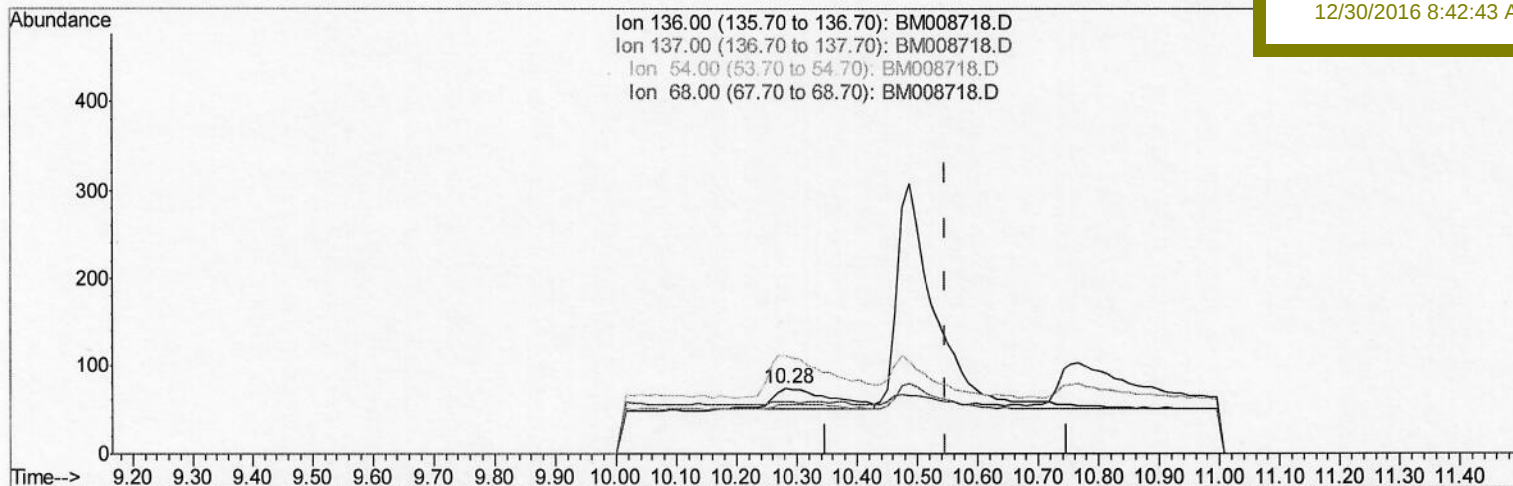
ClientSampleId :

DA7G5DL

Manual Integrations
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TIC: BM008718.D

(2) Naphthalene-d8 (I)

10.282min (-0.266) 0.40ng/ul

response 158

Ion	Exp%	Act%
136.00	100	100
137.00	13.90	75.34#
54.00	15.50	152.05#
68.00	9.90	79.45#

Quantitation Report (Qedit)

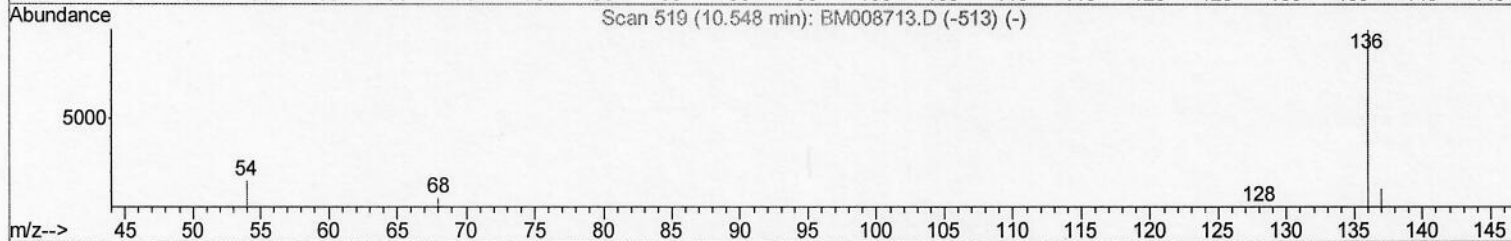
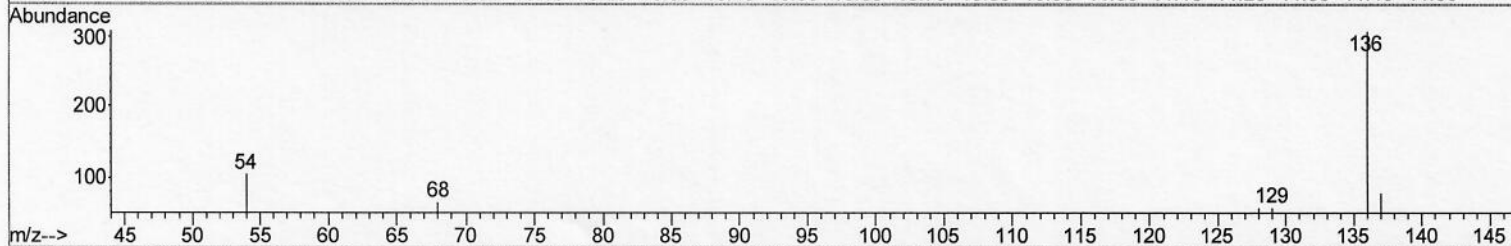
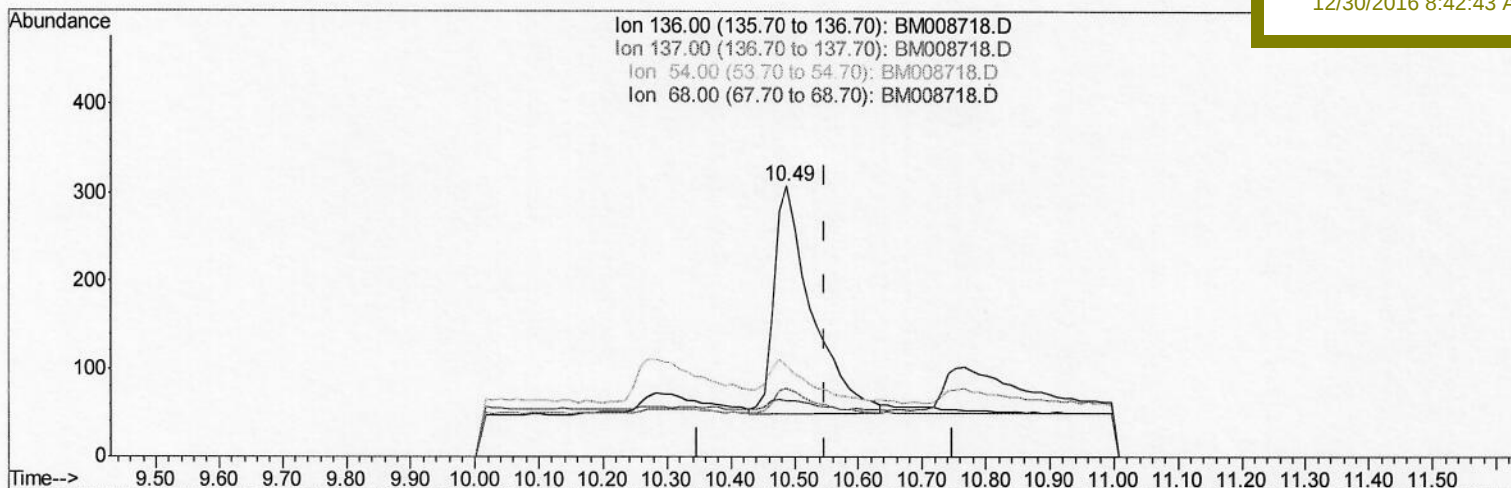
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Manual Integrations
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(2) Naphthalene-d8 (I)

10.488min (-0.060) 0.40ng/ul m

response 1086

Ion	Exp%	Act%
136.00	100	100
137.00	13.90	25.32#
54.00	15.50	33.77#
68.00	9.90	21.10#

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Quantitation Report (Qedit)

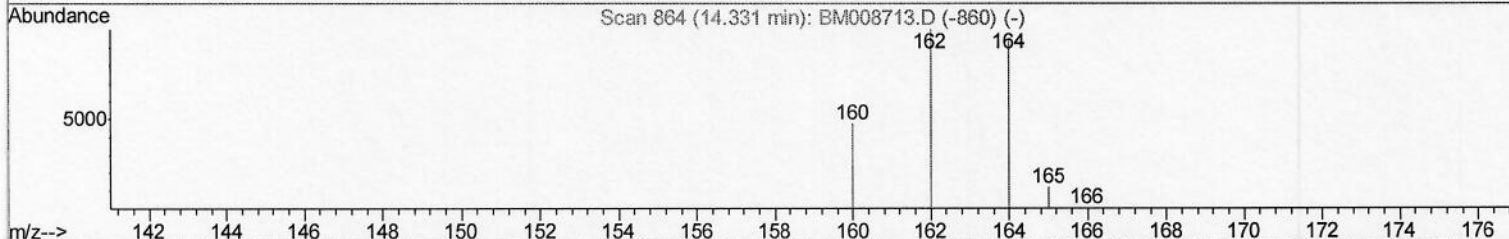
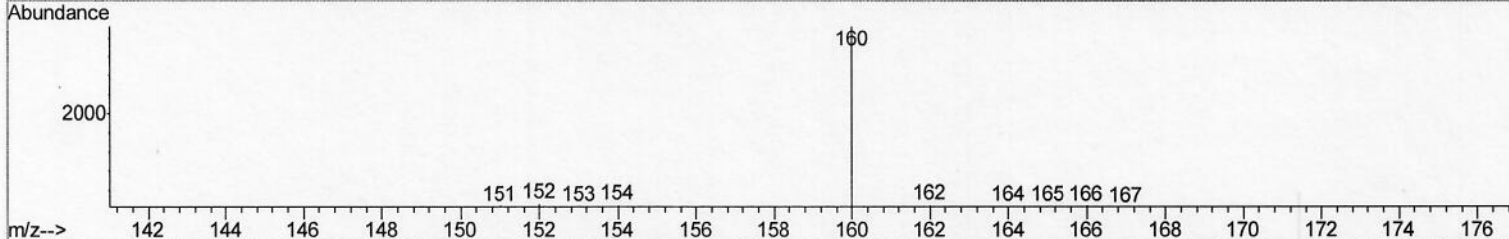
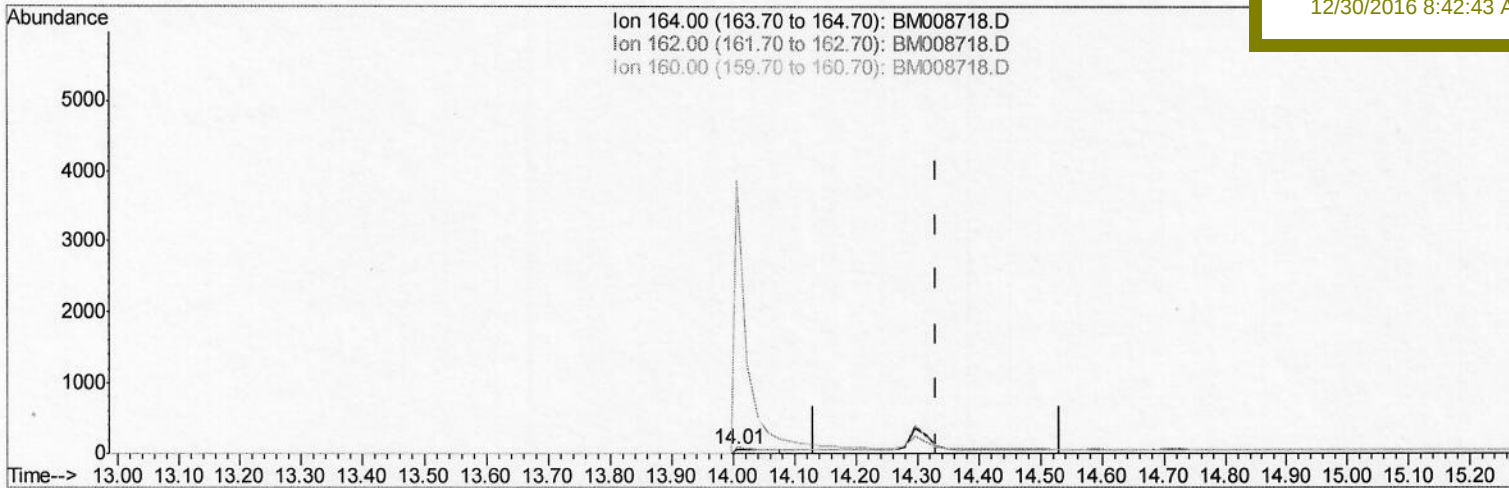
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TIC: BM008718.D

(6) Acenaphthene-d10 (I)

14.006min (-0.325) 0.40ng/ul

response 230

Ion	Exp%	Act%
164.00	100	100
162.00	98.60	154.72#
160.00	48.80	7269.81#
0.00	0.00	0.00

Quantitation Report (Qedit)

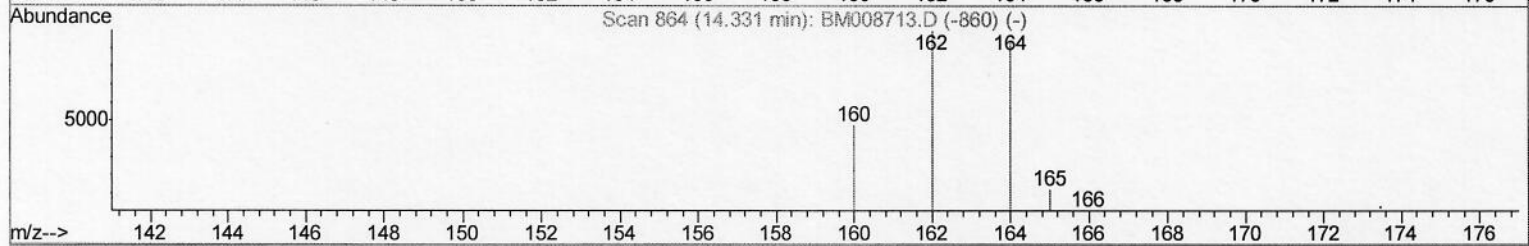
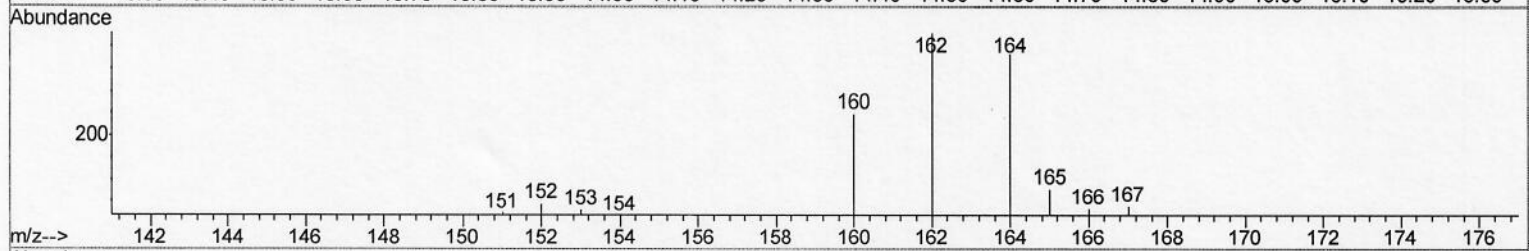
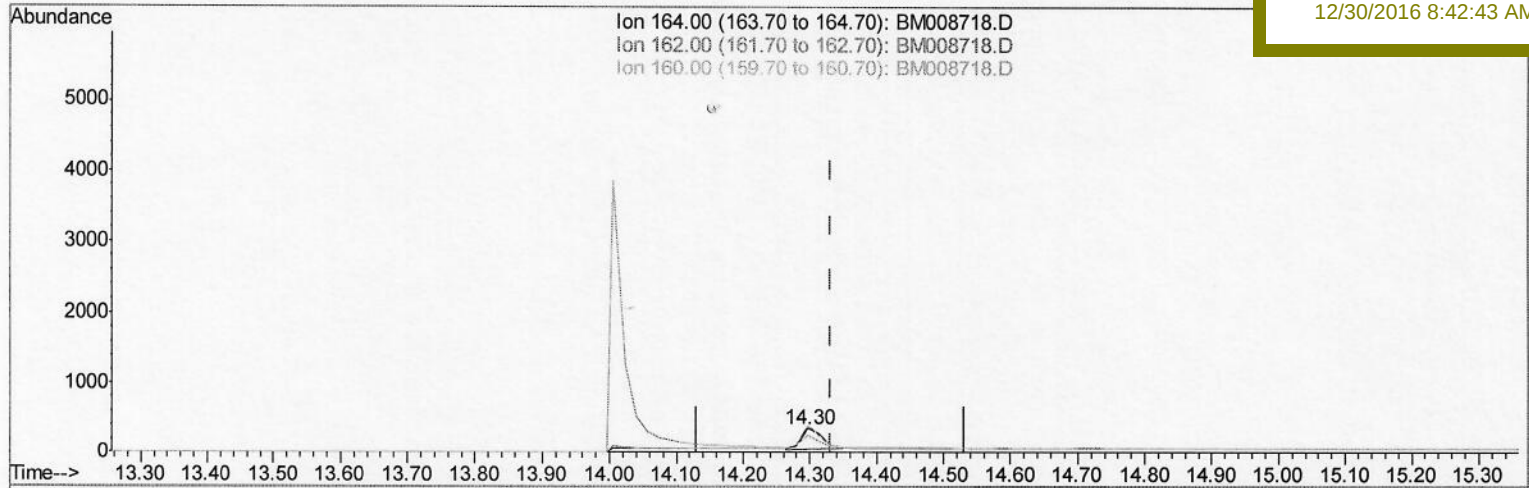
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
 Data File : BM008718.D
 Acq On : 29 Dec 2016 13:39
 Operator : UM/SJ
 Sample : H6067-14DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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ClientSampleId :
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Manual Integrations
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TIC: BM008718.D

(6) Acenaphthene-d10 (I)

14.297min (-0.034) 0.40ng/ul m

response 653

Ion	Exp%	Act%
164.00	100	100
162.00	98.60	111.24
160.00	48.80	68.59#
0.00	0.00	0.00

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Quantitation Report (Qedit)

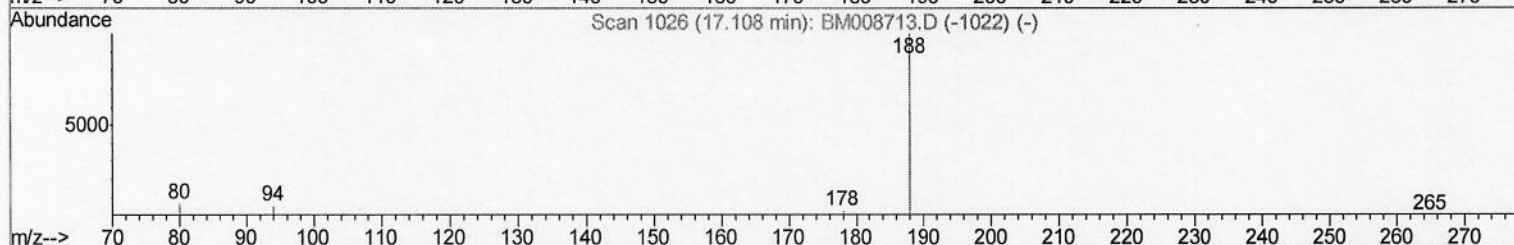
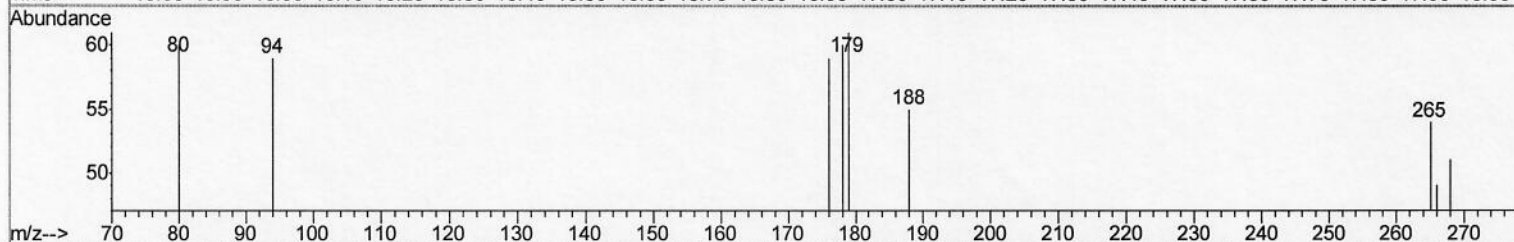
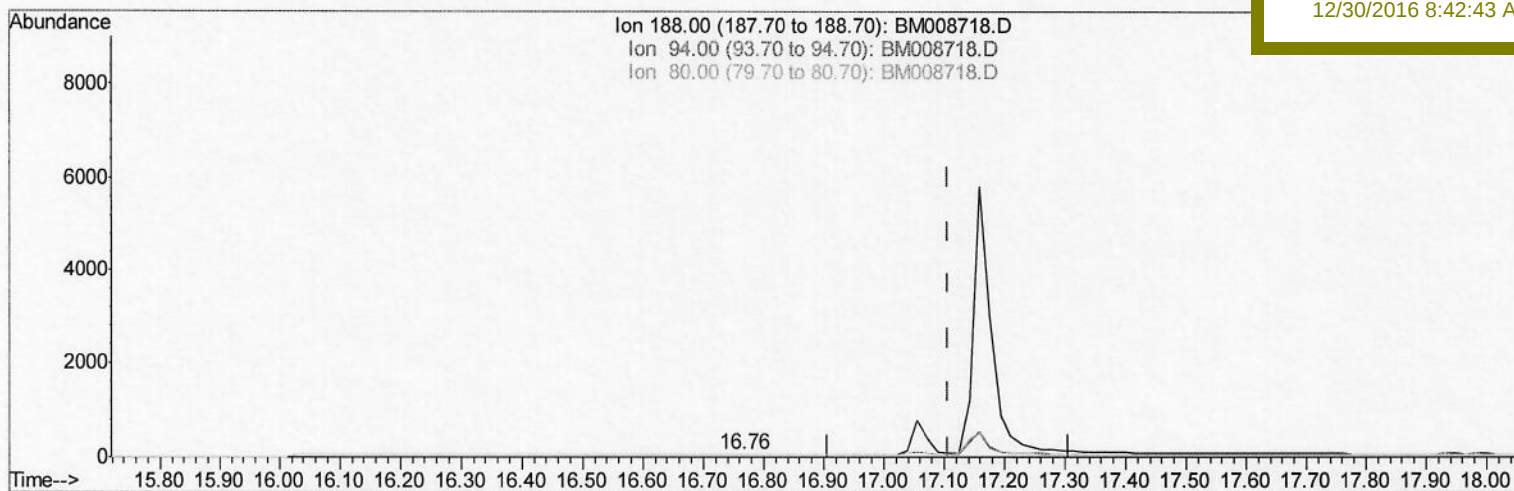
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TIC: BM008718.D

(10) Phenanthrene-d10 (I)
16.765min (-0.343) 0.40ng/ul
response 7

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	107.27#
80.00	11.80	109.09#
0.00	0.00	0.00

Quantitation Report (Qedit)

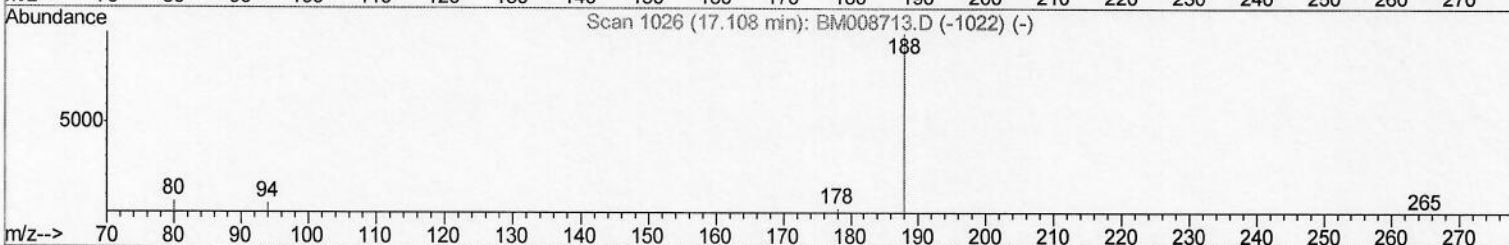
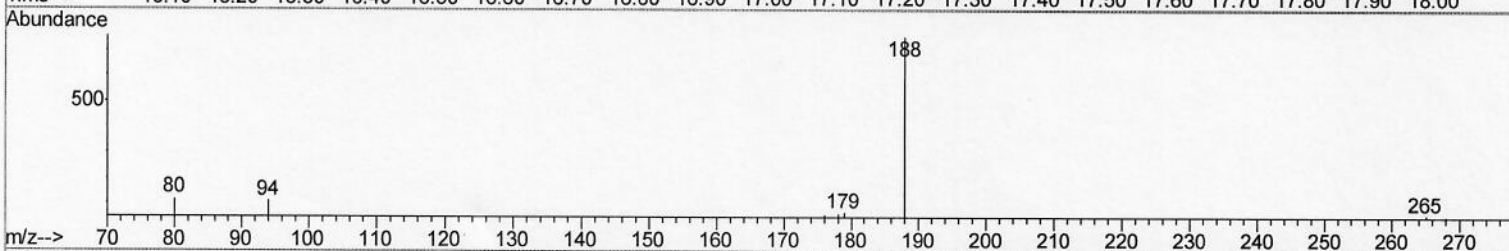
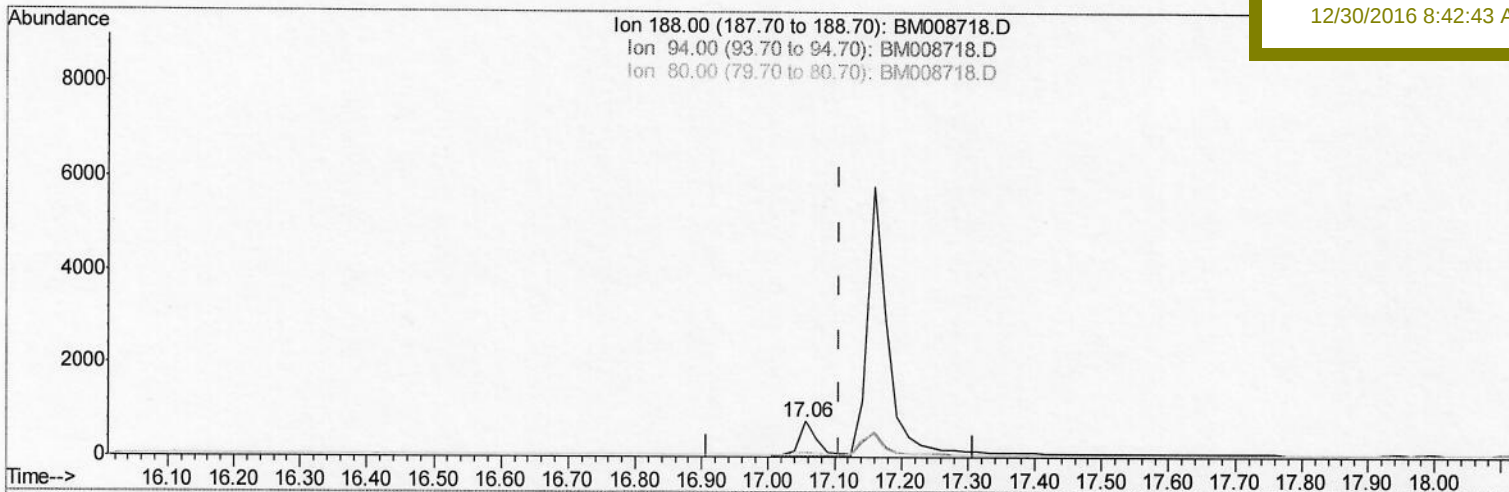
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 Sample : H6067-14DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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Manual Integrations
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TIC: BM008718.D

(10) Phenanthrene-d10 (I)

17.056min (-0.051) 0.40ng/ul m

response 1425

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	14.53#
80.00	11.80	15.32#
0.00	0.00	0.00

SJ
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Quantitation Report (Qedit)

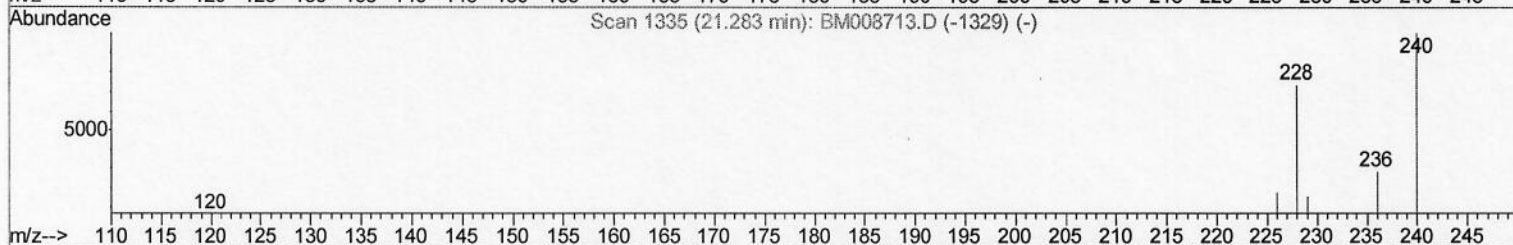
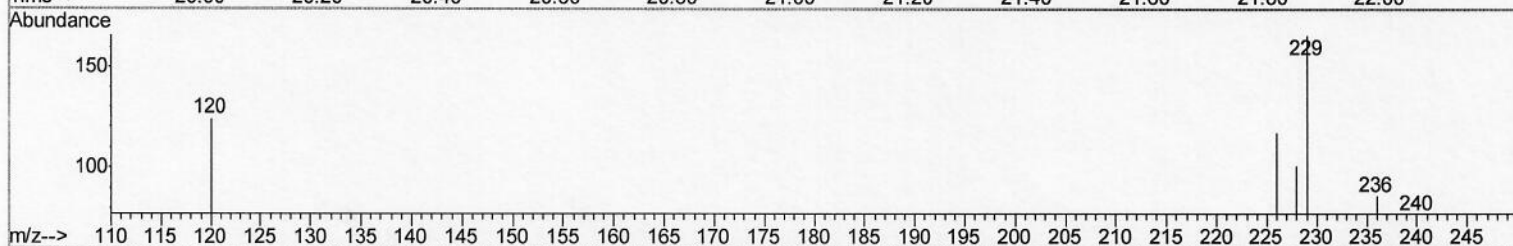
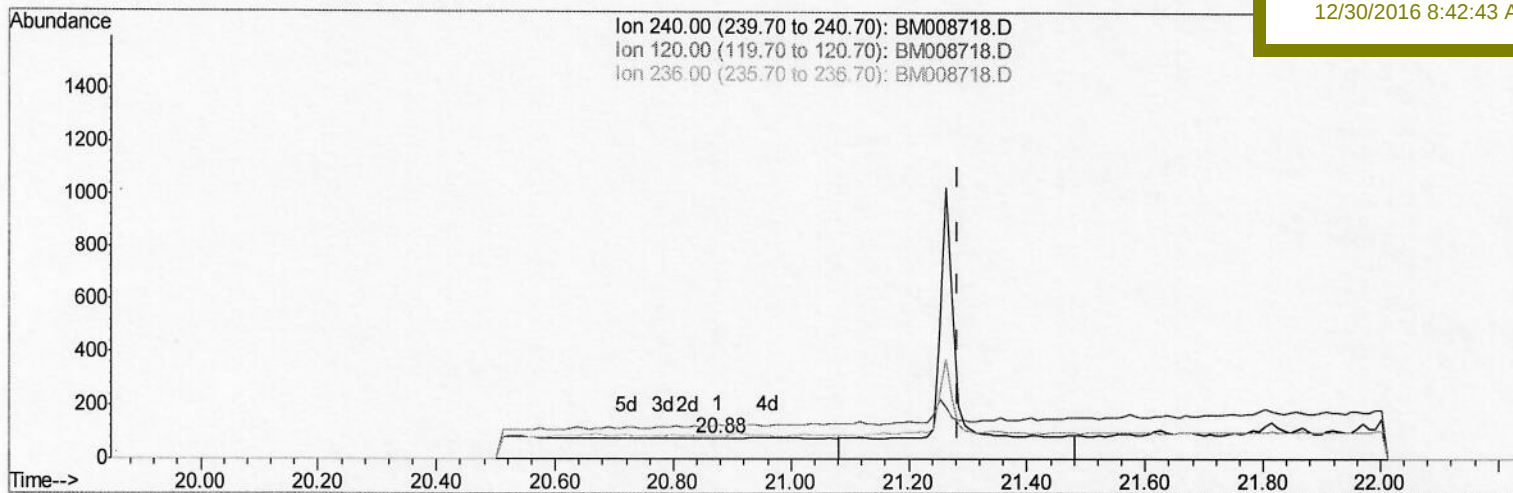
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
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Misc :
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Manual Integrations
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12/30/2016 8:42:43 AM



TIC: BM008718.D

(16) Chrysene-d12 (I)

20.877min (-0.406) 0.40ng/ul

response 4

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	161.04#
236.00	34.90	111.69#
0.00	0.00	0.00

Quantitation Report (Qedit)

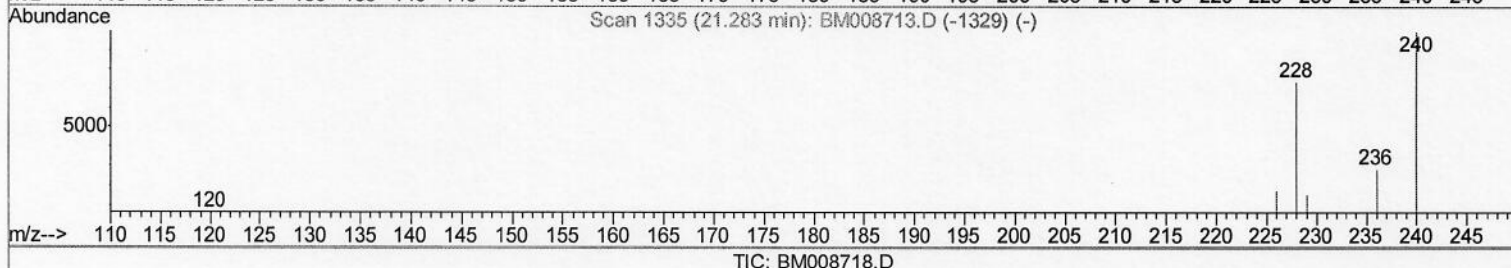
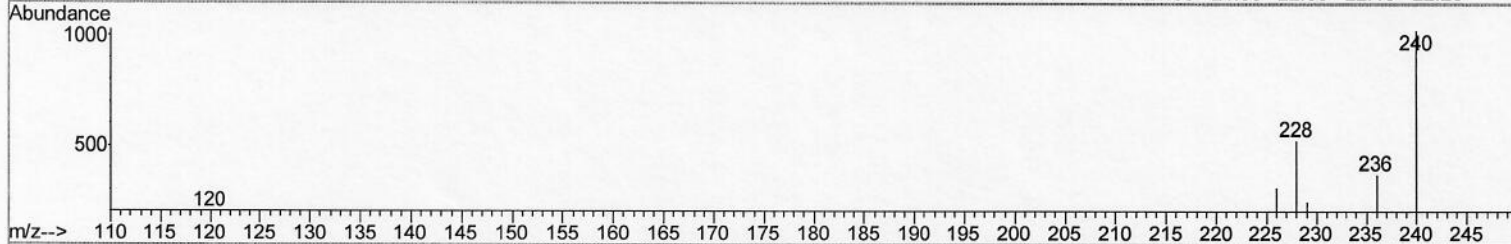
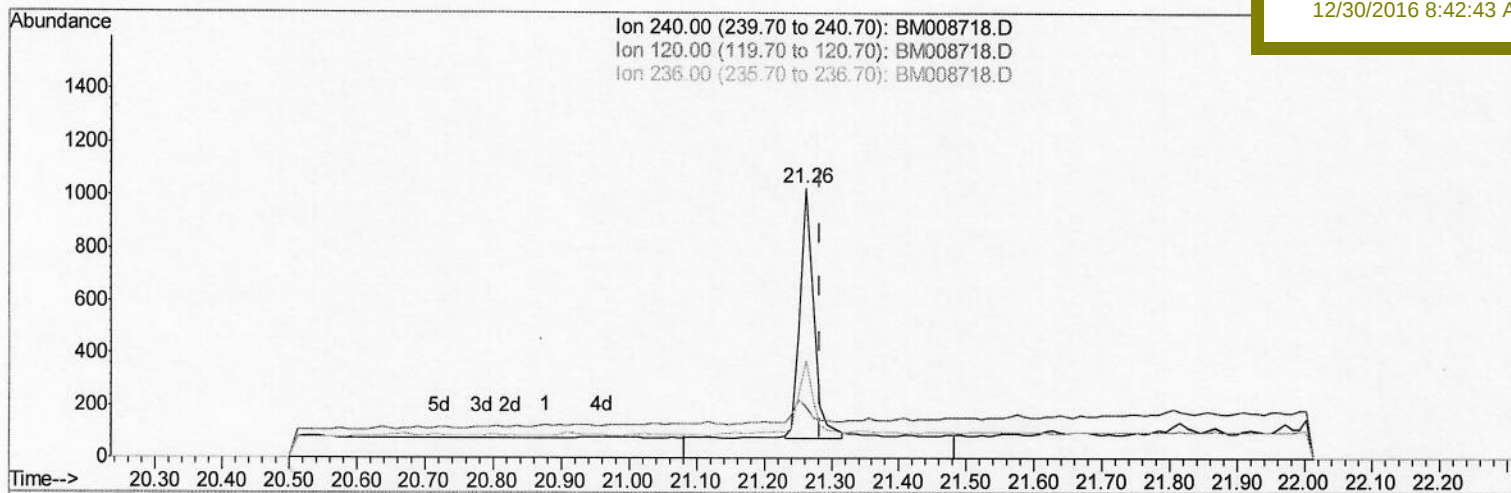
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Manual Integrations
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12/30/2016 8:42:43 AM



TIC: BM008718.D

(16) Chrysene-d12 (I)

21.262min (-0.021) 0.40ng/ul m

response 1347

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	19.16
236.00	34.90	36.19
0.00	0.00	0.00

SJ
12/30/16

Quantitation Report (Qedit)

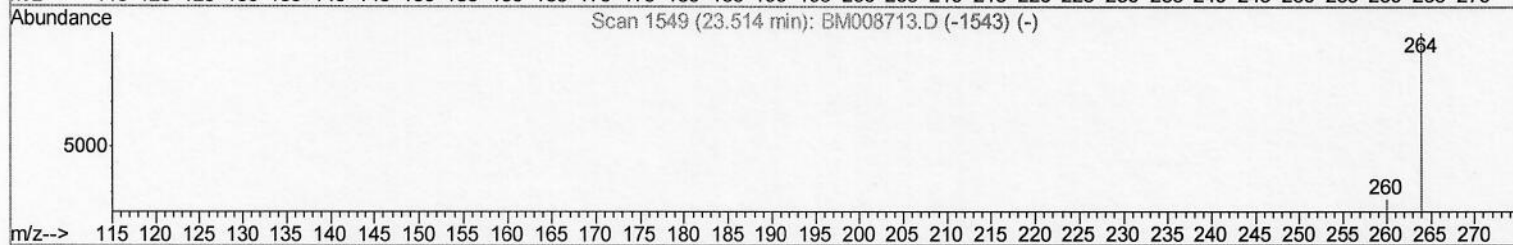
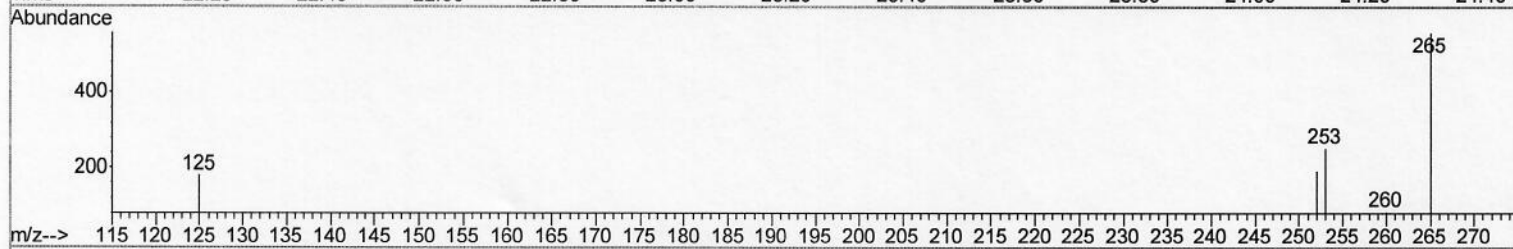
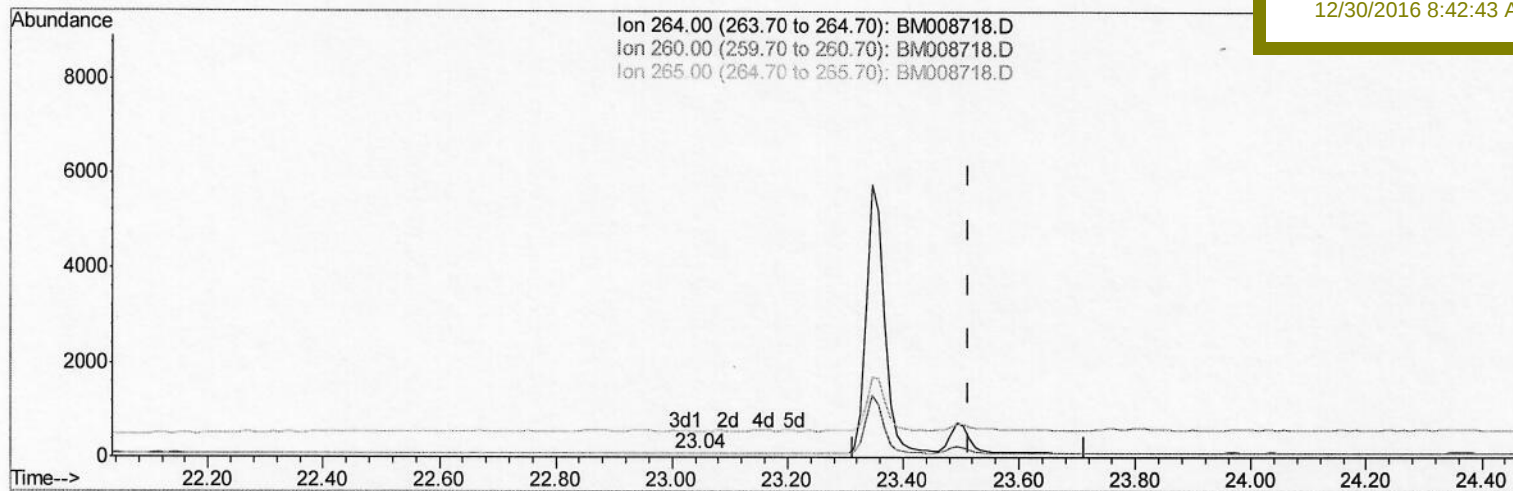
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Sohil
12/30/2016 8:42:43 AM



TIC: BM008718.D

(20) Perylene-d12 (I)

23.045min (-0.469) 0.40ng/ul

response 4

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	106.33#
265.00	103.50	707.59#
0.00	0.00	0.00

Quantitation Report (Qedit)

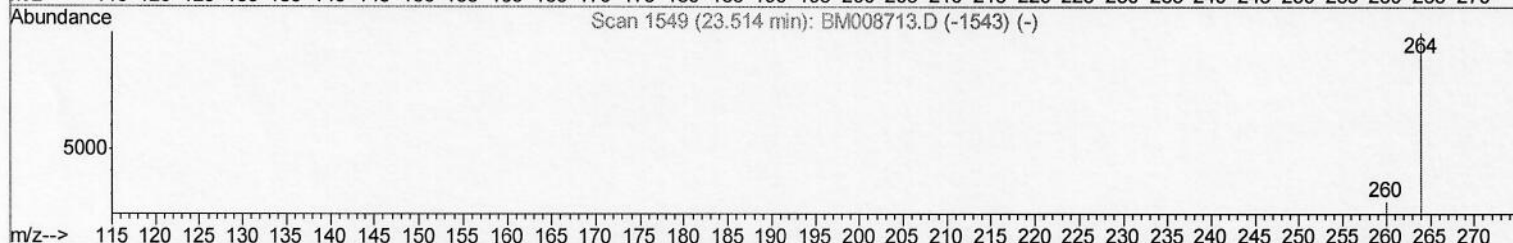
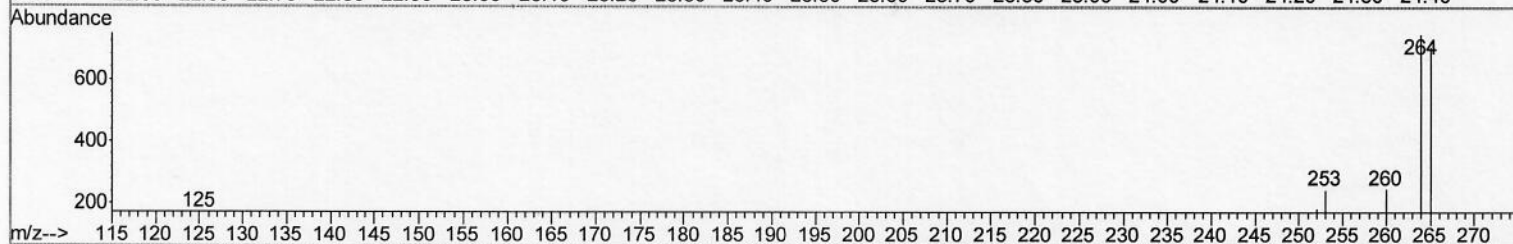
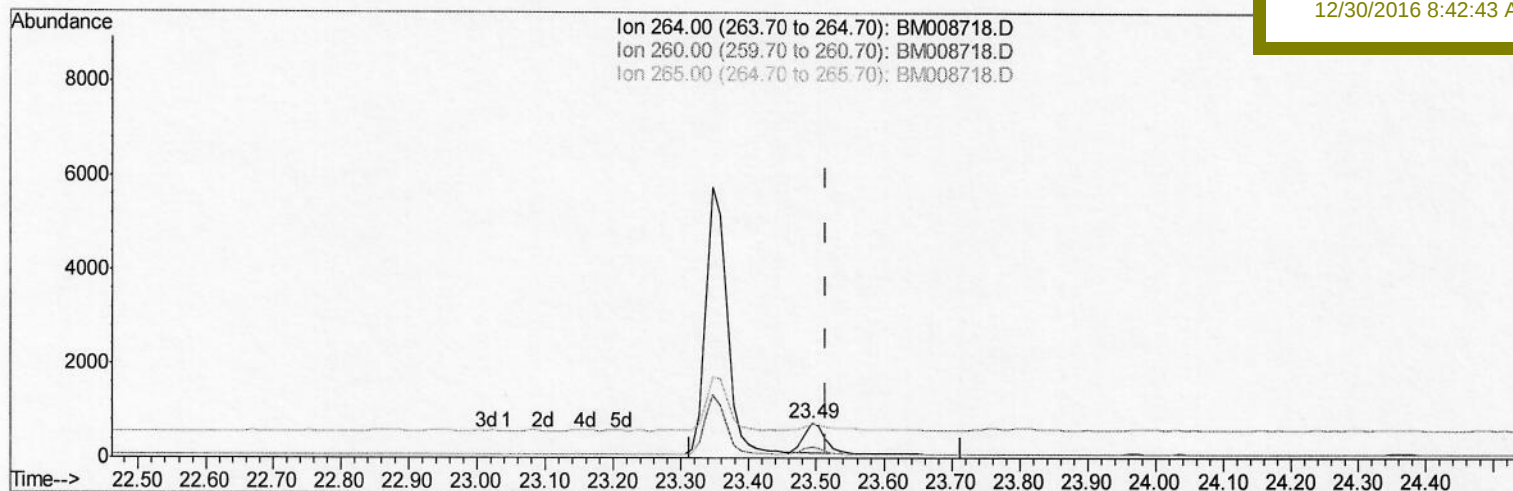
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Manual Integrations
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 12/30/2016 8:42:43 AM



TIC: BM008718.D

(20) Perylene-d12 (I)

23.493min (-0.021) 0.40ng/ul m

response 1323

SJ
 12/30/16

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	33.38
265.00	103.50	95.02
0.00	0.00	0.00

Quantitation Report (Qedit)

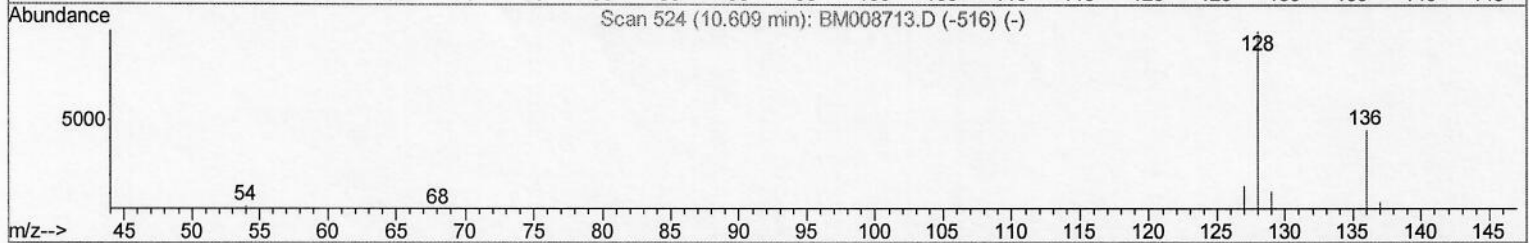
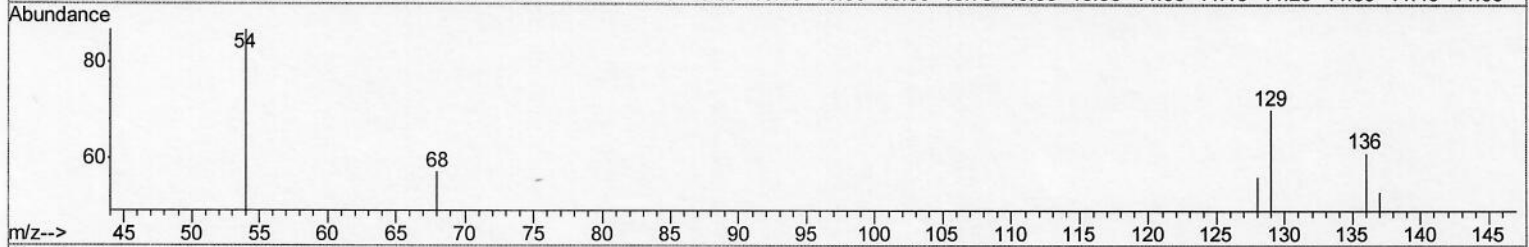
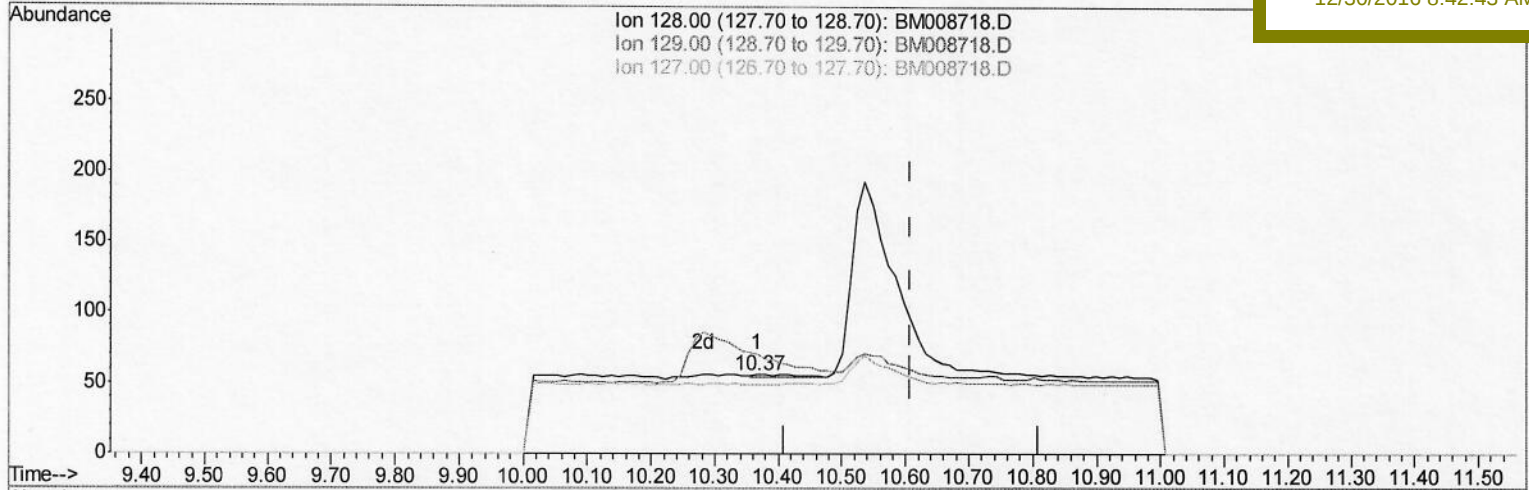
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Quant Time: Dec 30 02:45:29 2016
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 12/30/2016 8:42:43 AM



TIC: BM008718.D

(3) Naphthalene

10.367min (-0.242) 0.00ng/ul

response 9

Ion	Exp%	Act%
128.00	100	100
129.00	14.10	125.00#
127.00	16.00	87.50#
0.00	0.00	0.00

Quantitation Report (Qedit)

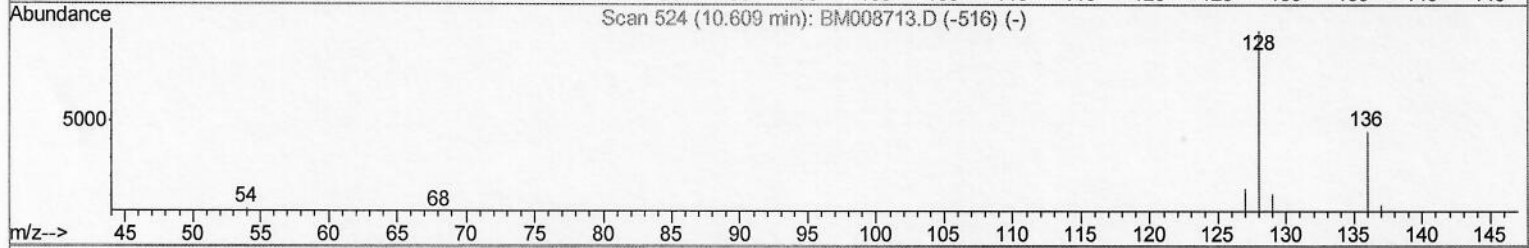
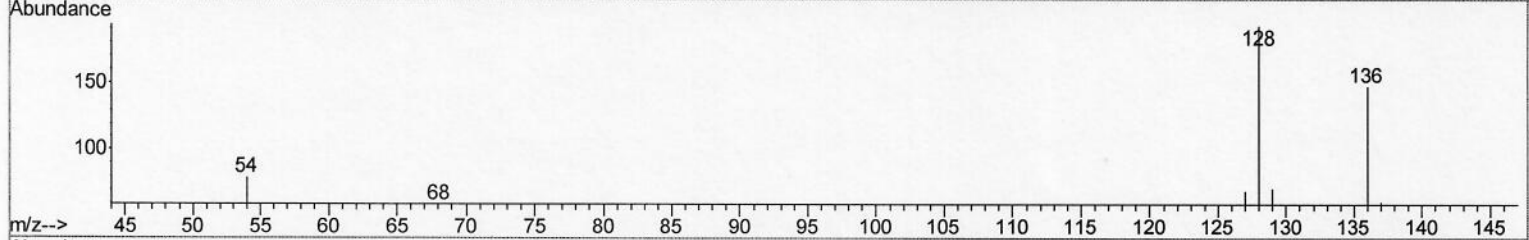
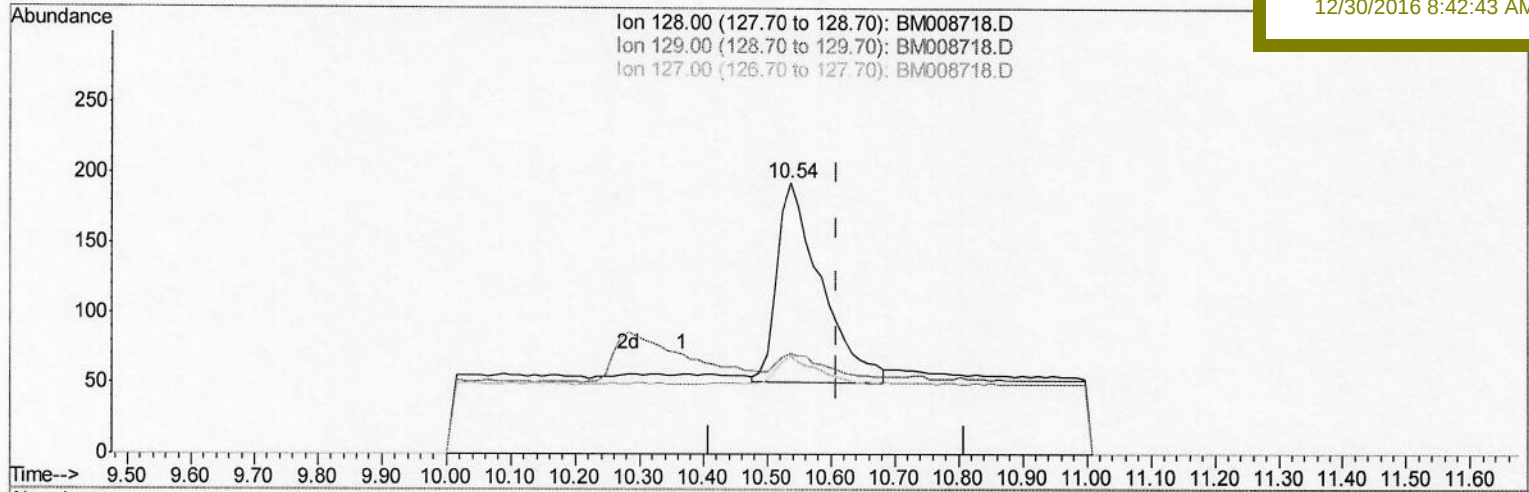
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
 Data File : BM008718.D
 Acq On : 29 Dec 2016 13:39
 Operator : UM/SJ
 Sample : H6067-14DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 30 02:45:29 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 :
 DA7G5DL

Manual Integrations
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TIC: BM008718.D

(3) Naphthalene

10.536min (-0.072) 0.23ng/ul m

response 695

Ion	Exp%	Act%
128.00	100	100
129.00	14.10	36.79#
127.00	16.00	35.75#
0.00	0.00	0.00

SJ
12/30/16

Quantitation Report (Qedit)

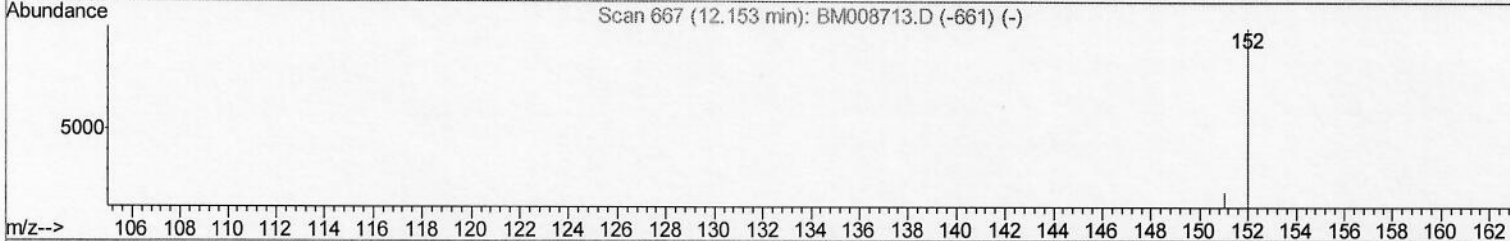
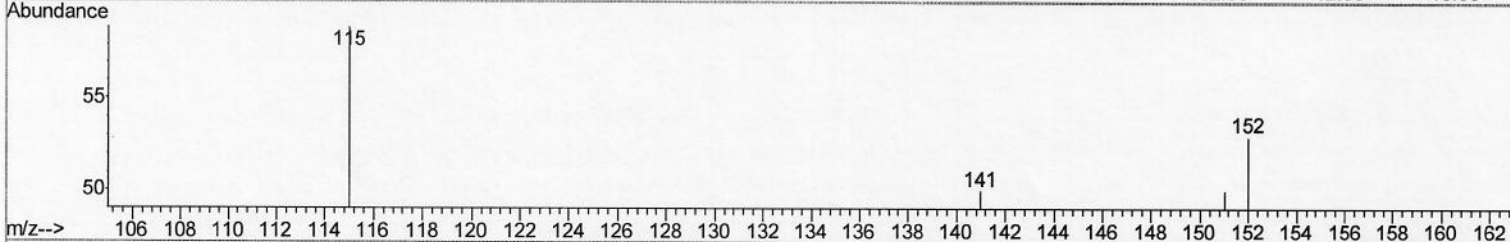
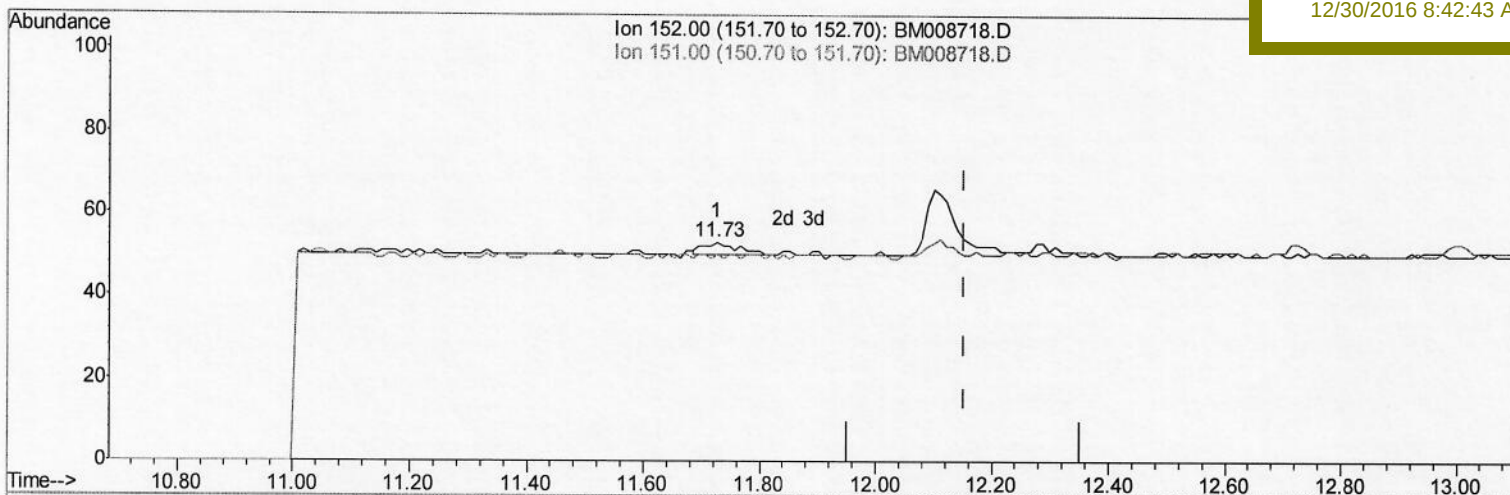
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
 Data File : BM008718.D
 Acq On : 29 Dec 2016 13:39
 Operator : UM/SJ
 Sample : H6067-14DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 30 02:45:29 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 :
 DA7G5DL

Manual Integrations
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(4) 2-Methylnaphthalene-d10 (SURR)

11.726min (-0.427) 0.01ng/ul

response 12

Ion	Exp%	Act%
152.00	100	100
151.00	19.30	16.67
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

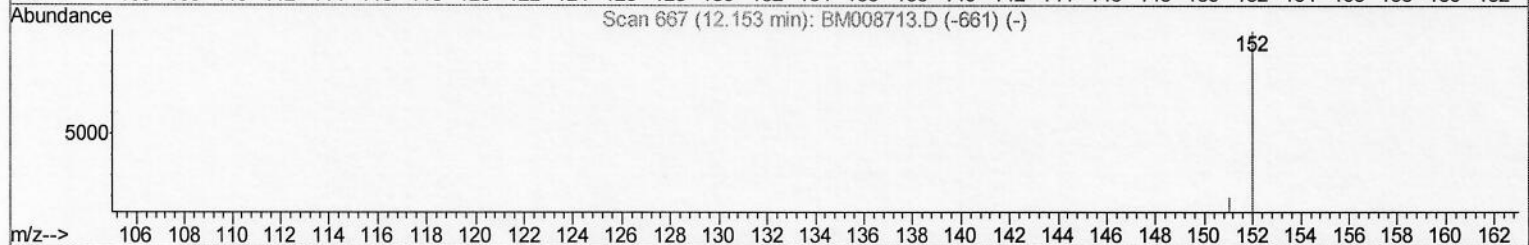
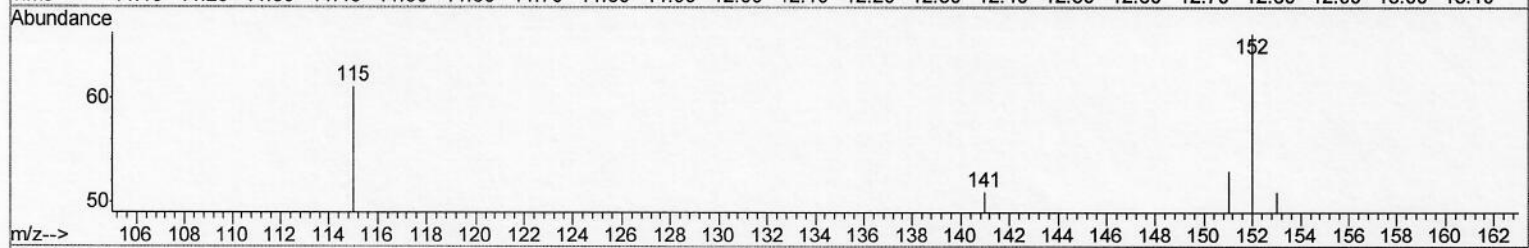
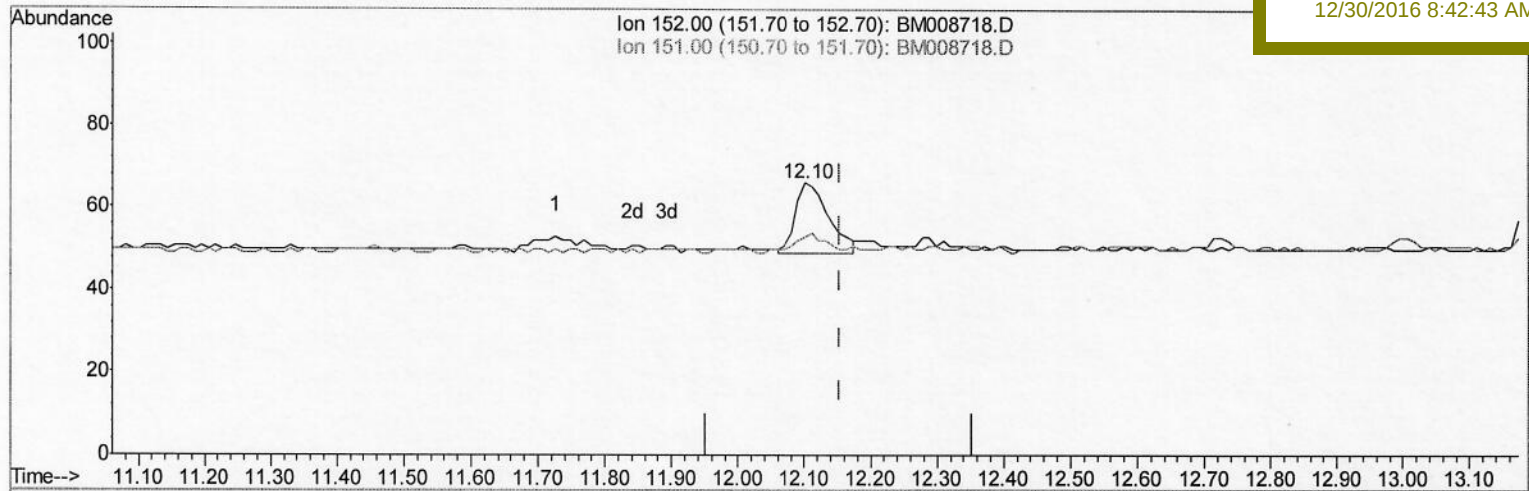
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
 Data File : BM008718.D
 Acq On : 29 Dec 2016 13:39
 Operator : UM/SJ
 Sample : H6067-14DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 30 02:45:29 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 :
 DA7G5DL

Manual Integrations
 APPROVED

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TIC: BM008718.D

(4) 2-Methylnaphthalene-d10 (SURR)

12.101min (-0.052) 0.04ng/ul m

response 60

Ion	Exp%	Act%
152.00	100	100
151.00	19.30	3.33#
0.00	0.00	0.00
0.00	0.00	0.00

SJ
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Quantitation Report (Qedit)

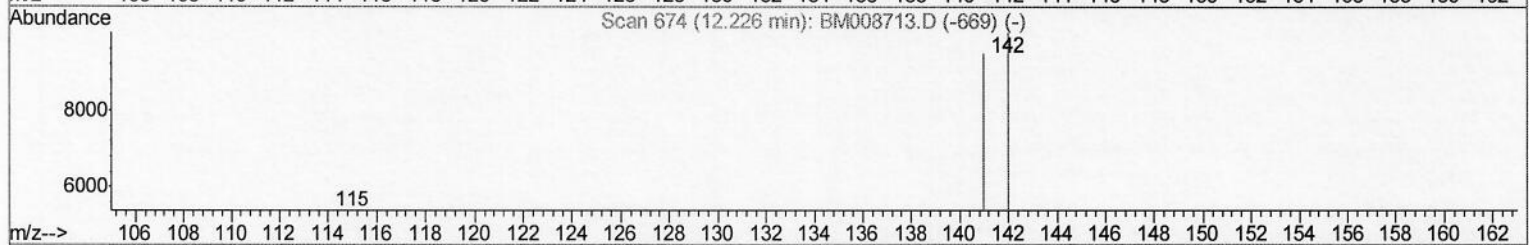
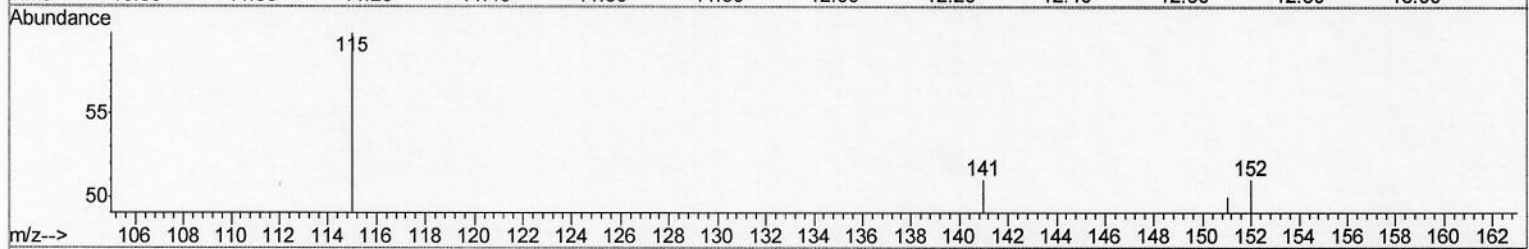
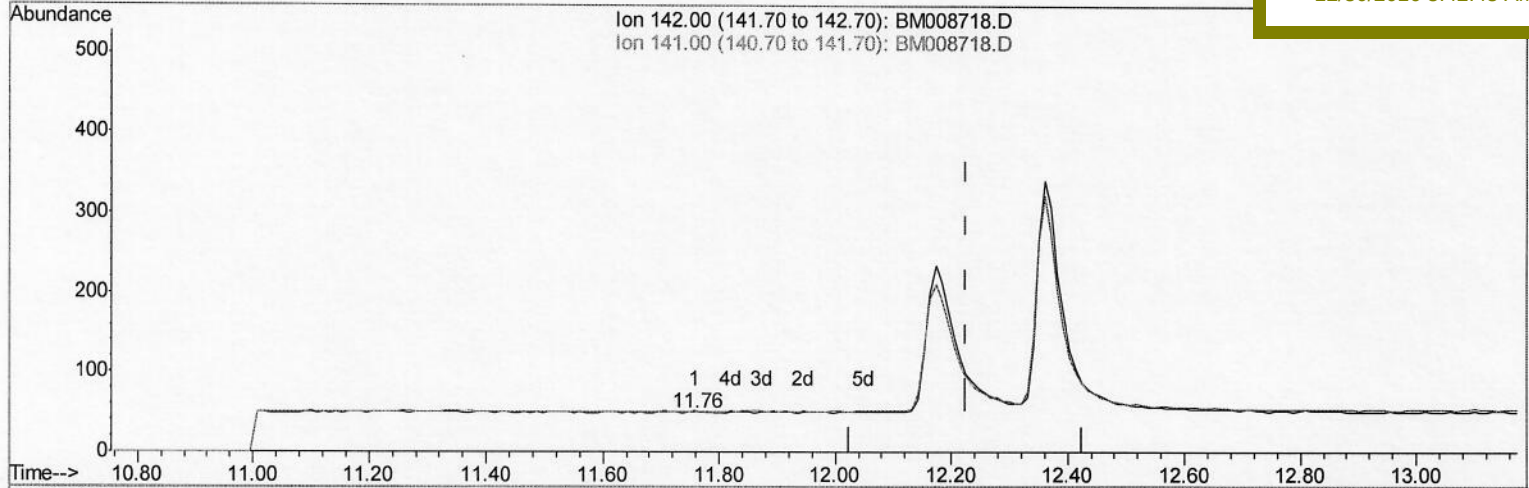
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
 Data File : BM008718.D
 Acq On : 29 Dec 2016 13:39
 Operator : UM/SJ
 Sample : H6067-14DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 DA7G5DL

Quant Time: Dec 30 02:45:29 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
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TIC: BM008718.D

(5) 2-Methylnaphthalene
 11.758min (-0.468) 0.00ng/ul
 response 1

Ion	Exp%	Act%
142.00	100	100
141.00	90.70	100.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

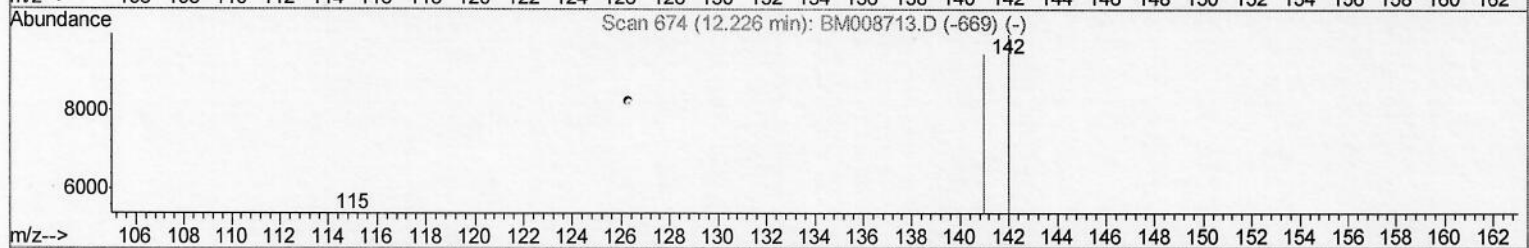
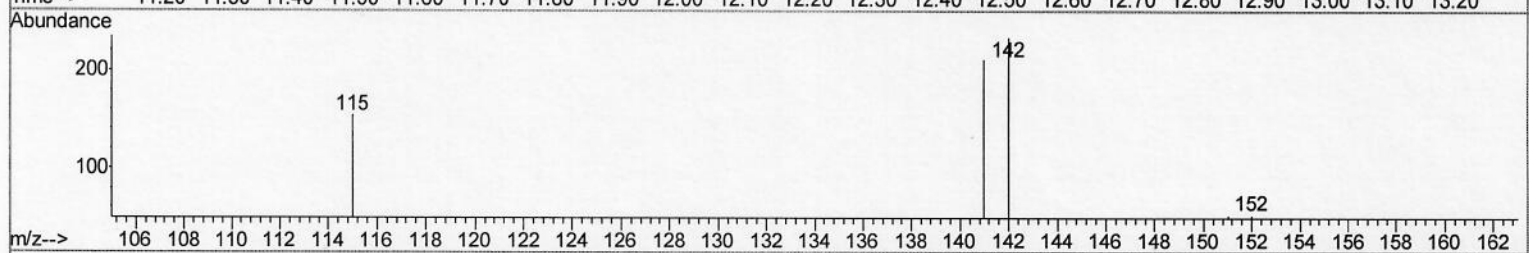
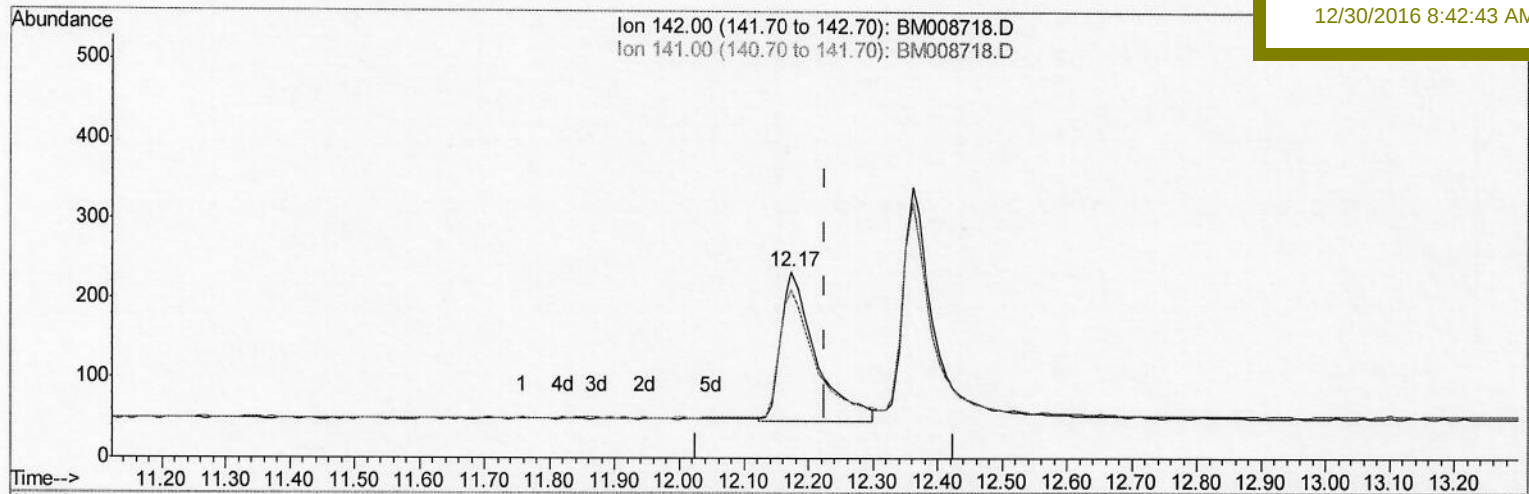
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
 Data File : BM008718.D
 Acq On : 29 Dec 2016 13:39
 Operator : UM/SJ
 Sample : H6067-14DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 30 02:45:29 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 :
 DA7G5DL

Manual Integrations
 APPROVED

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TIC: BM008718.D

(5) 2-Methylnaphthalene

12.174min (-0.052) 0.34ng/ul m

response 700

SJ
12/30/16

Ion	Exp%	Act%
142.00	100	100
141.00	90.70	0.14#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

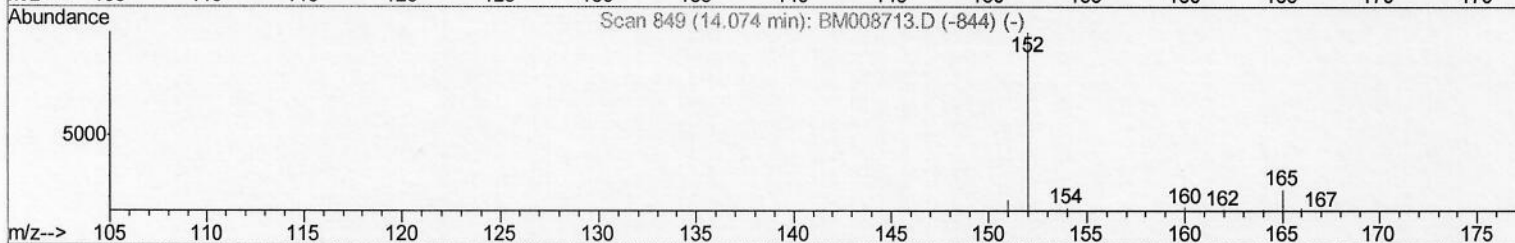
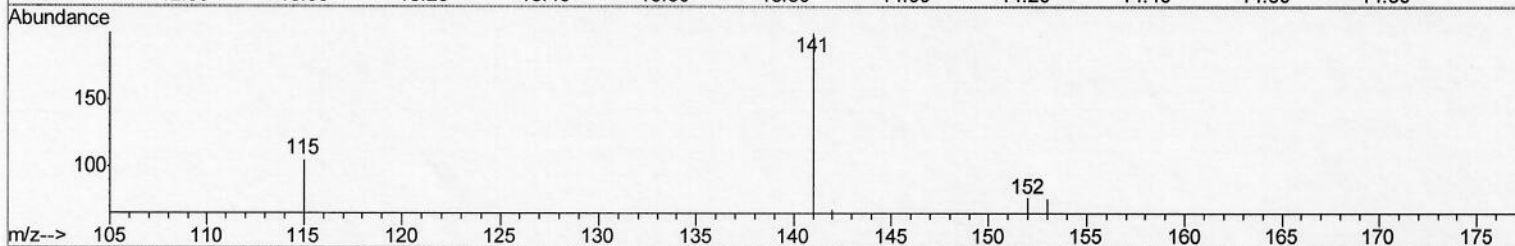
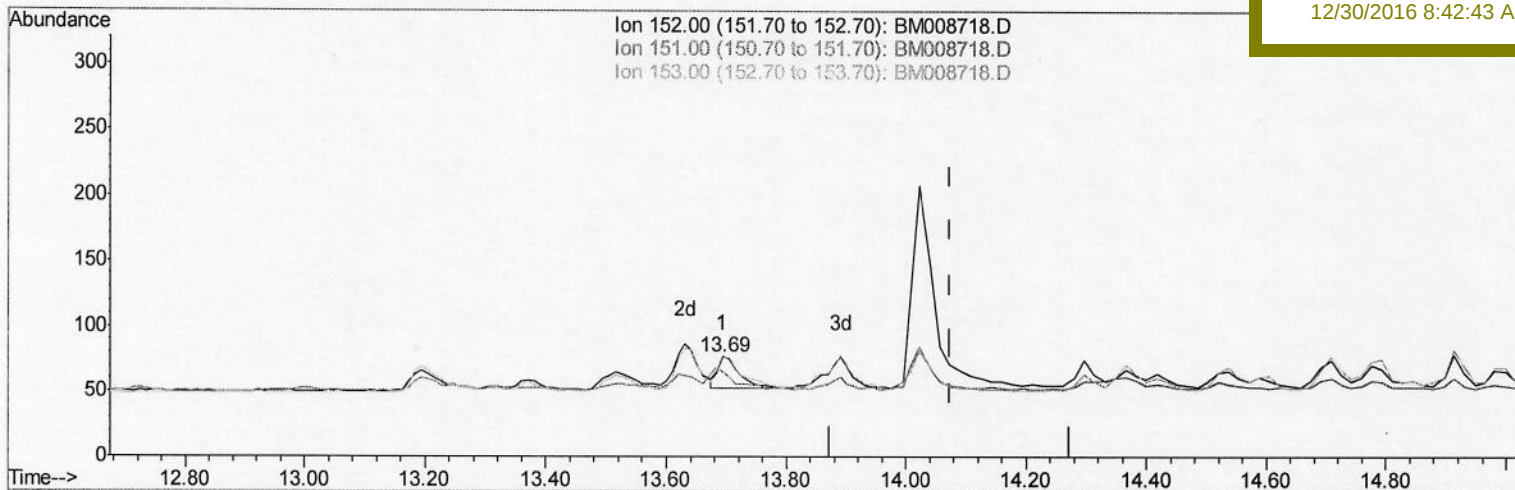
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
 Data File : BM008718.D
 Acq On : 29 Dec 2016 13:39
 Operator : UM/SJ
 Sample : H6067-14DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 30 02:45:29 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 :
 DA7G5DL

Manual Integrations
 APPROVED

Sohil
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TIC: BM008718.D

(7) Acenaphthylene

13.694min (-0.381) 0.02ng/ul

response 61

Ion	Exp%	Act%
152.00	100	100
151.00	21.40	84.42#
153.00	16.00	98.70#
0.00	0.00	0.00

Quantitation Report (Qedit)

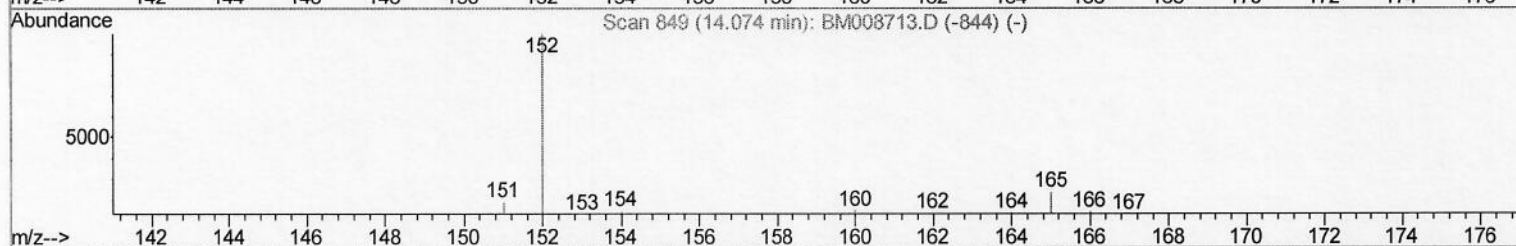
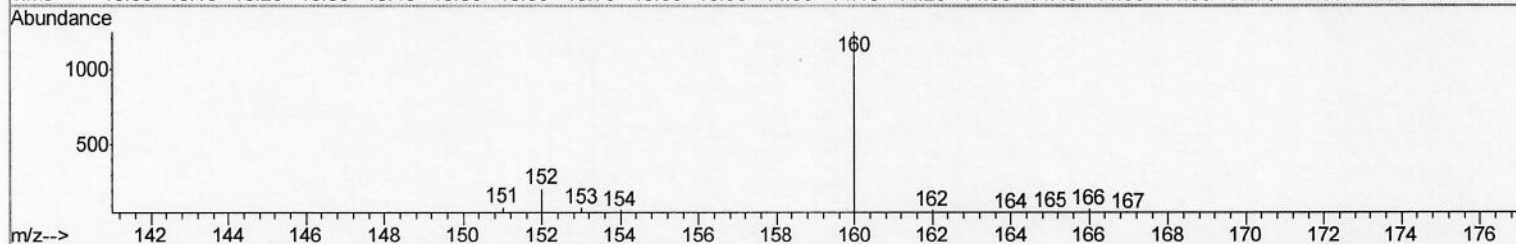
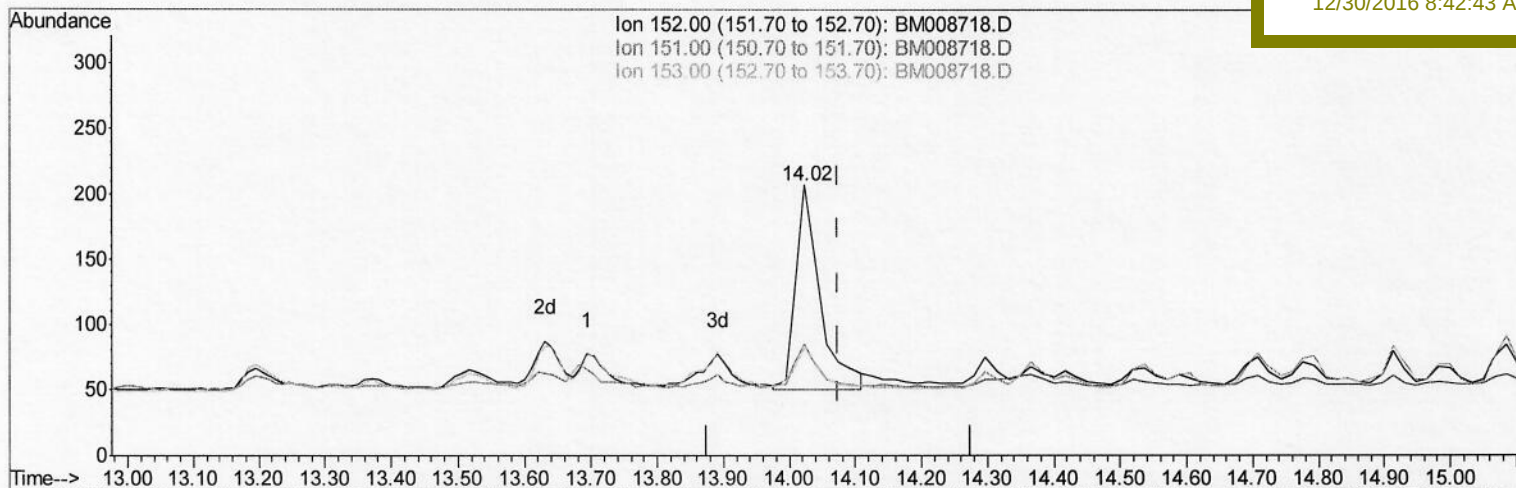
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
Data File : BM008718.D
Acq On : 29 Dec 2016 13:39
Operator : UM/SJ
Sample : H6067-14DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
Client Sampled :
DA7G5DL

Manual Integrations
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Quant Time: Dec 30 02:45:29 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: BM008718.D

(7) Acenaphthylene

14.023min (-0.051) 0.13ng/ul m

response 371

Ion	Exp%	Act%
152.00	100	100
151.00	21.40	41.06#
153.00	16.00	39.61#
0.00	0.00	0.00

SJ
12/30/16

Quantitation Report (Qedit)

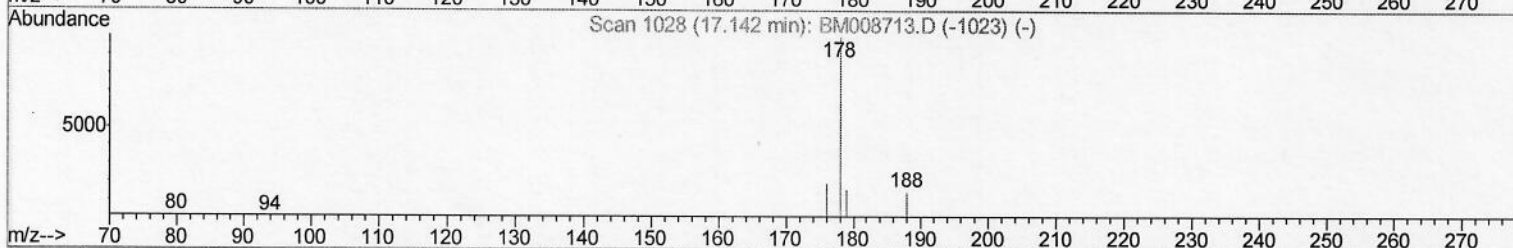
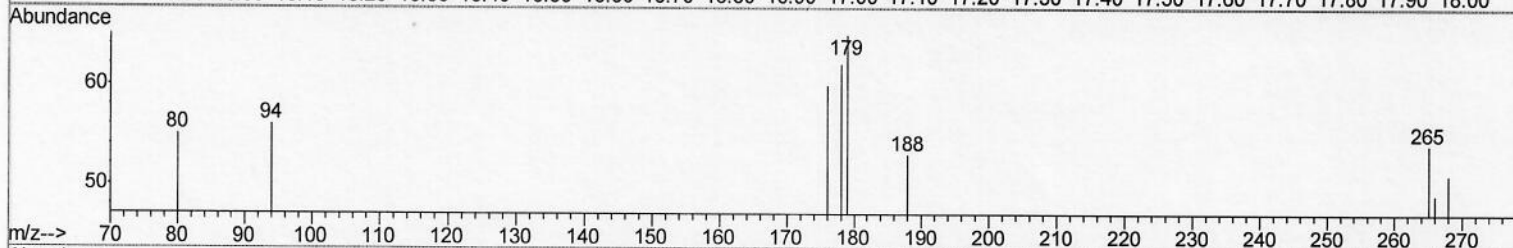
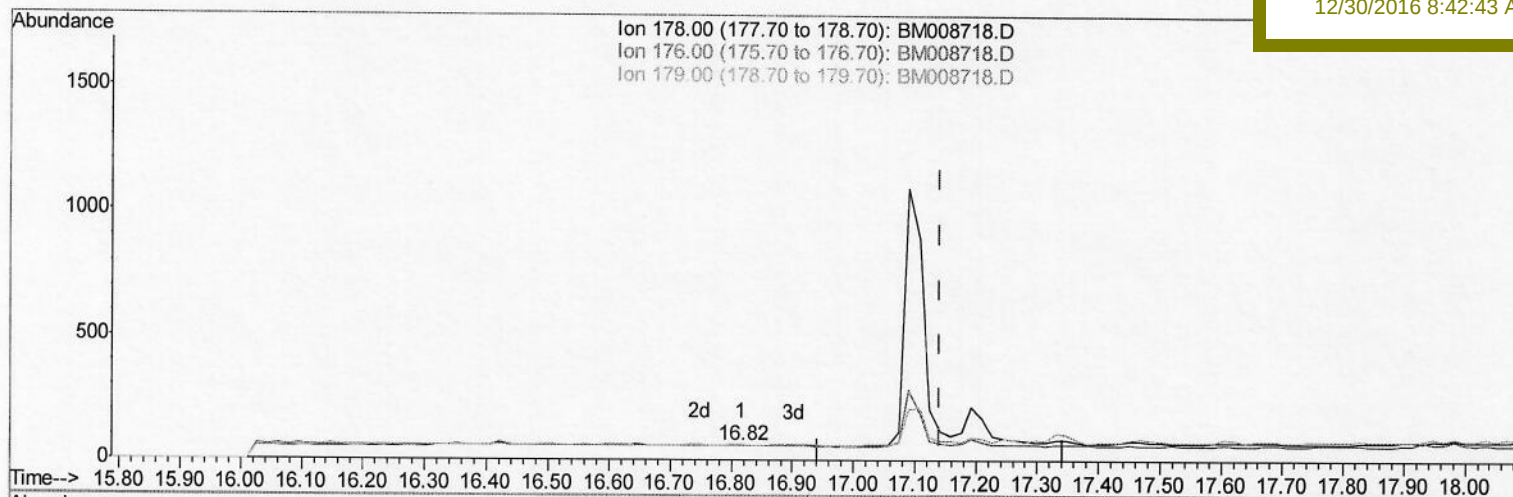
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
Data File : BM008718.D
Acq On : 29 Dec 2016 13:39
Operator : UM/SJ
Sample : H6067-14DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 30 02:45:29 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 :
DA7G5DL

Manual Integrations
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TIC: BM008718.D

(12) Phenanthrene

16.816min (-0.326) 0.00ng/ui

response 7

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	96.77#
179.00	17.00	104.84#
0.00	0.00	0.00

Quantitation Report (Qedit)

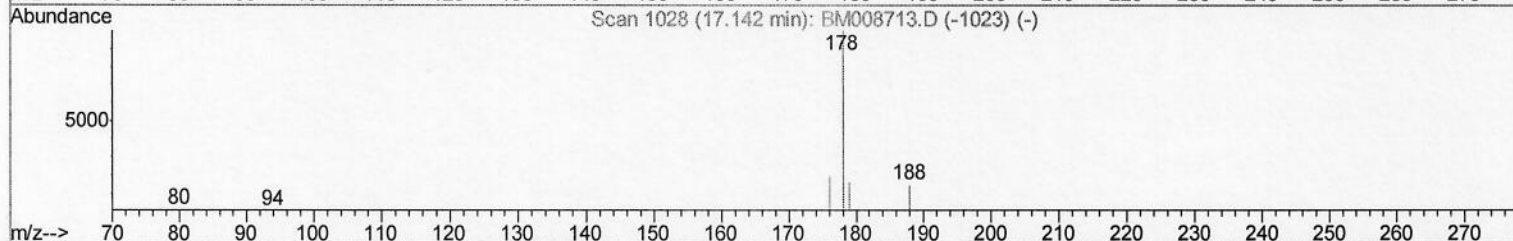
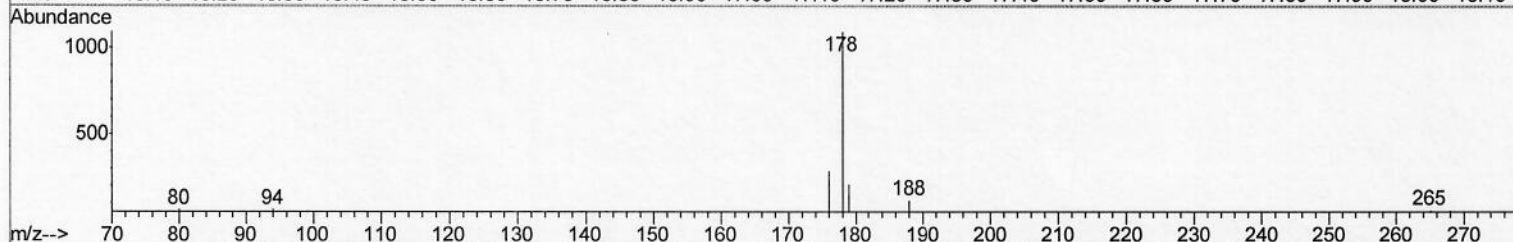
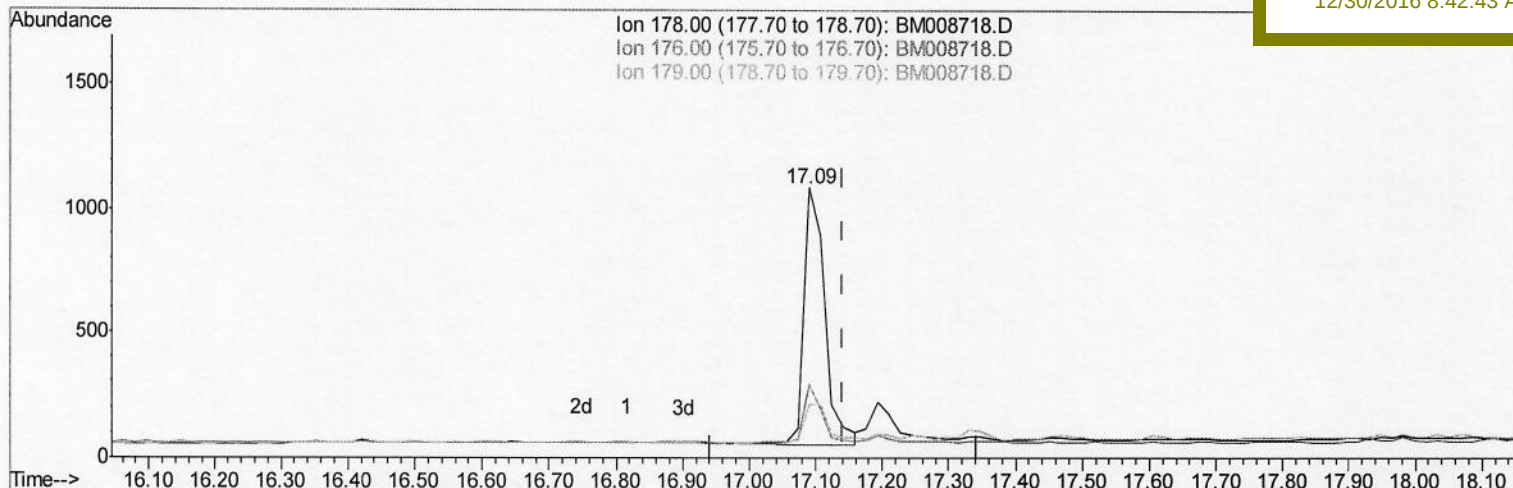
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
 Data File : BM008718.D
 Acq On : 29 Dec 2016 13:39
 Operator : UM/SJ
 Sample : H6067-14DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7G5DL

Quant Time: Dec 30 02:45:29 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: BM008718.D

(12) Phenanthrene

17.090min (-0.051) 0.53ng/ul m

response 2303

SJ
12/30/16

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	26.24
179.00	17.00	18.99
0.00	0.00	0.00

Quantitation Report (Qedit)

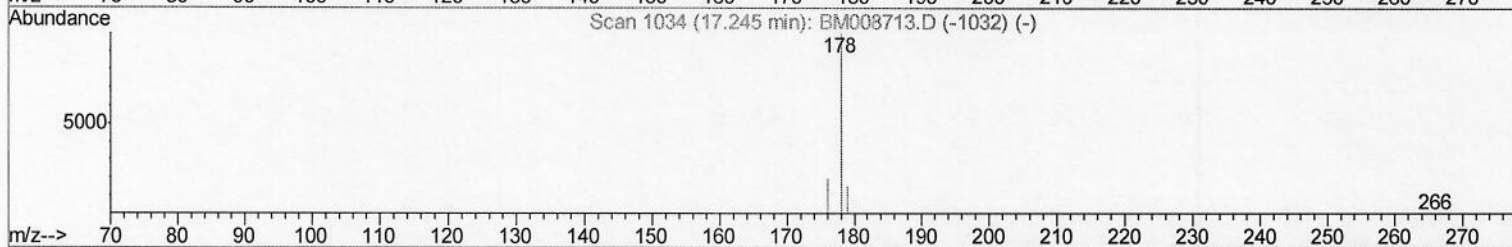
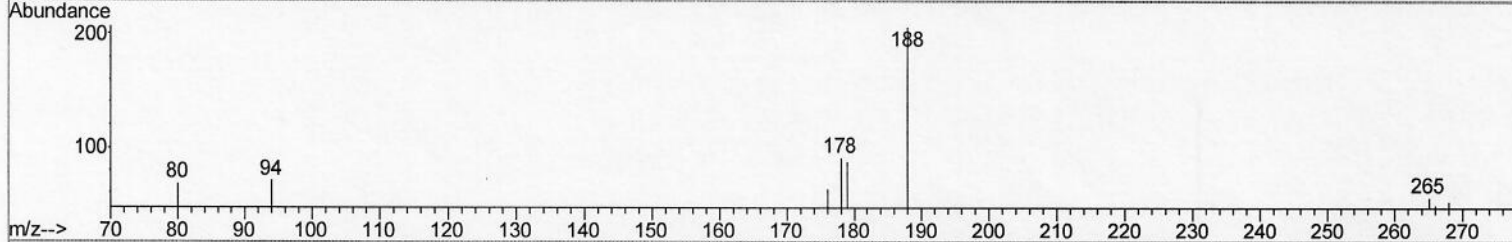
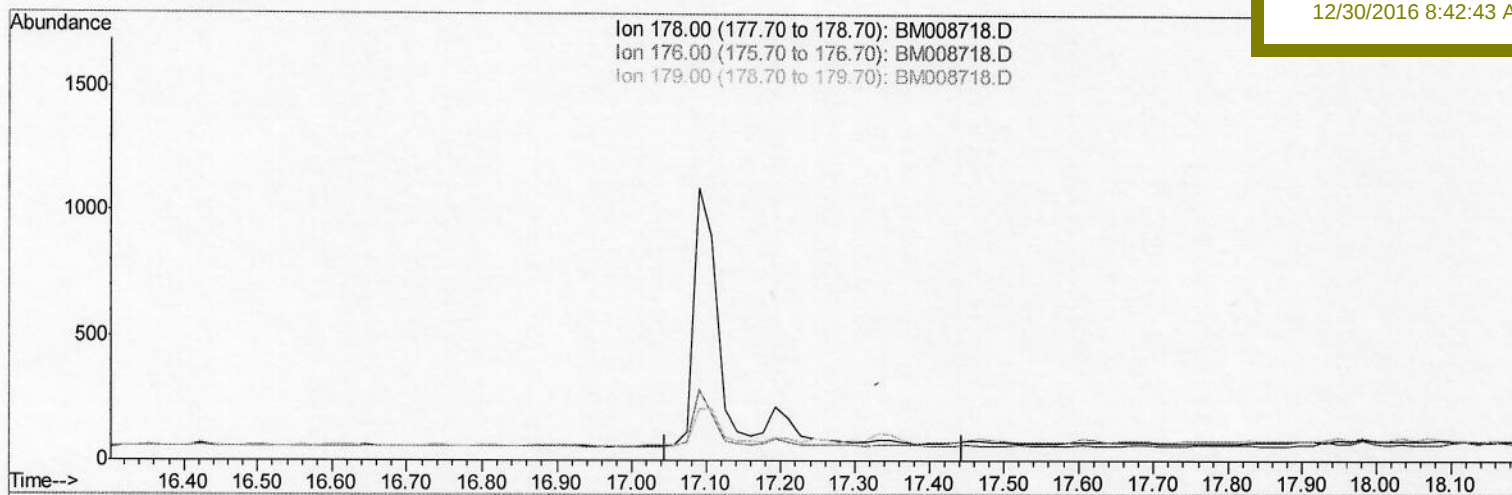
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
Data File : BM008718.D
Acq On : 29 Dec 2016 13:39
Operator : UM/SJ
Sample : H6067-14DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 30 02:45:29 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 :
DA7G5DL

Manual Integrations
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TIC: BM008718.D

(13) Anthracene

17.245min (-17.245) 0.00ng/ul

response 0

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

Quantitation Report (Qedit)

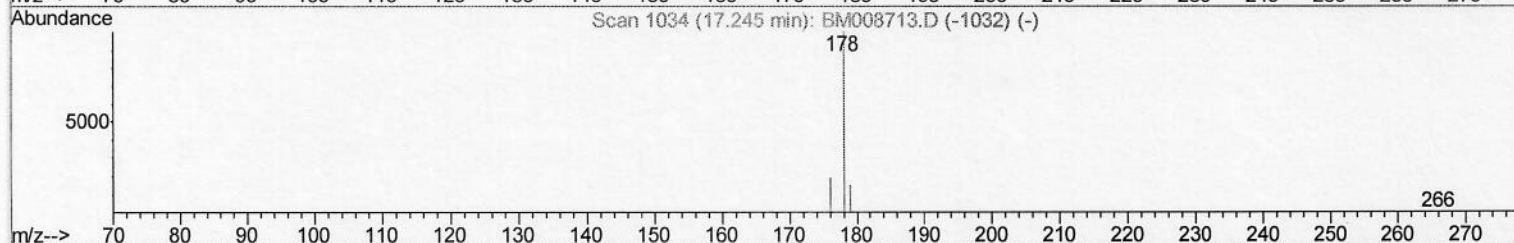
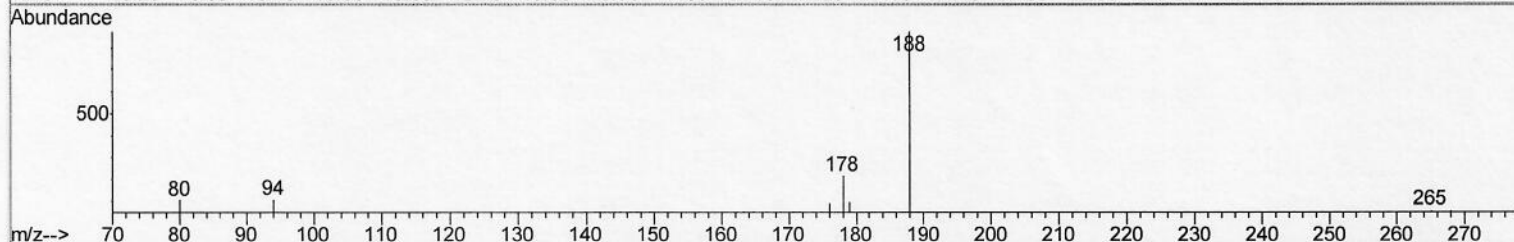
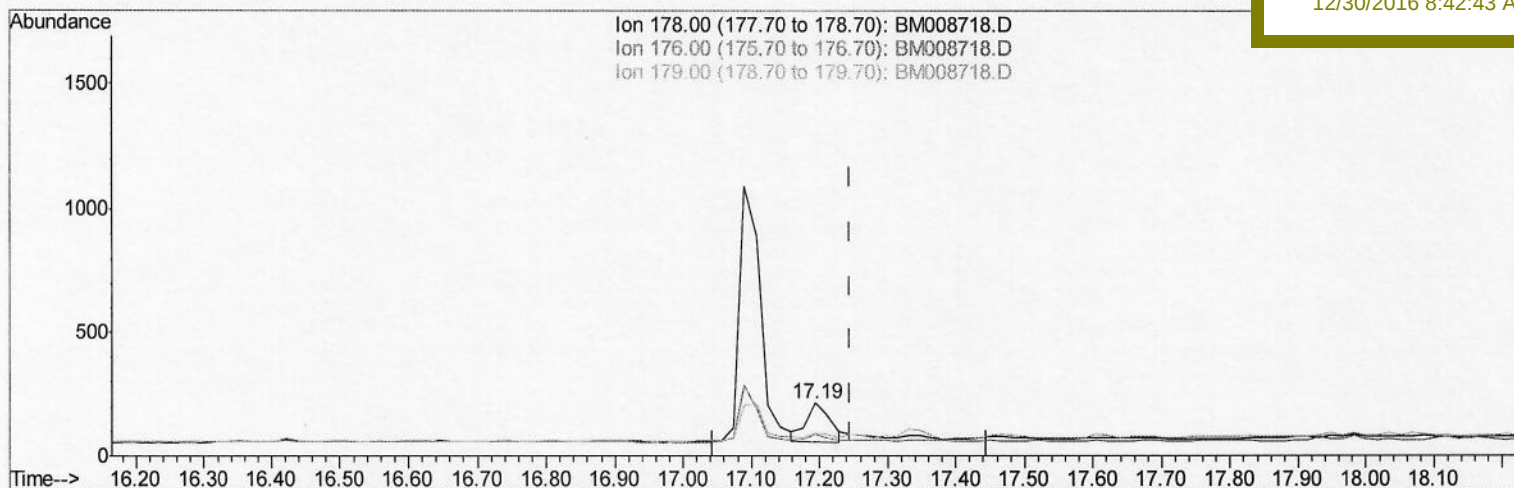
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
Data File : BM008718.D
Acq On : 29 Dec 2016 13:39
Operator : UM/SJ
Sample : H6067-14DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7G5DL

Manual Integrations
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Quant Time: Dec 30 02:45:29 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: BM008718.D

(13) Anthracene

17.193min (-0.051) 0.09ng/ul m

response 374

Ion	Exp%	Act%
178.00	100	100
176.00	22.60	40.74#
179.00	18.40	43.06#
0.00	0.00	0.00

SJ
12/30/16

Quantitation Report (Qedit)

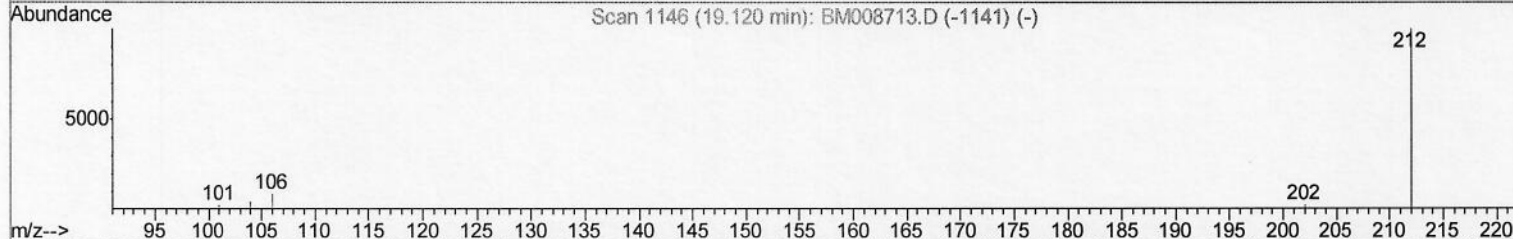
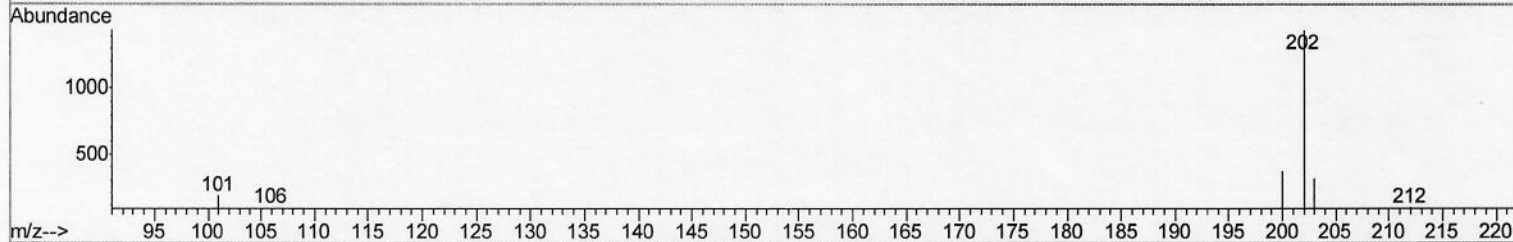
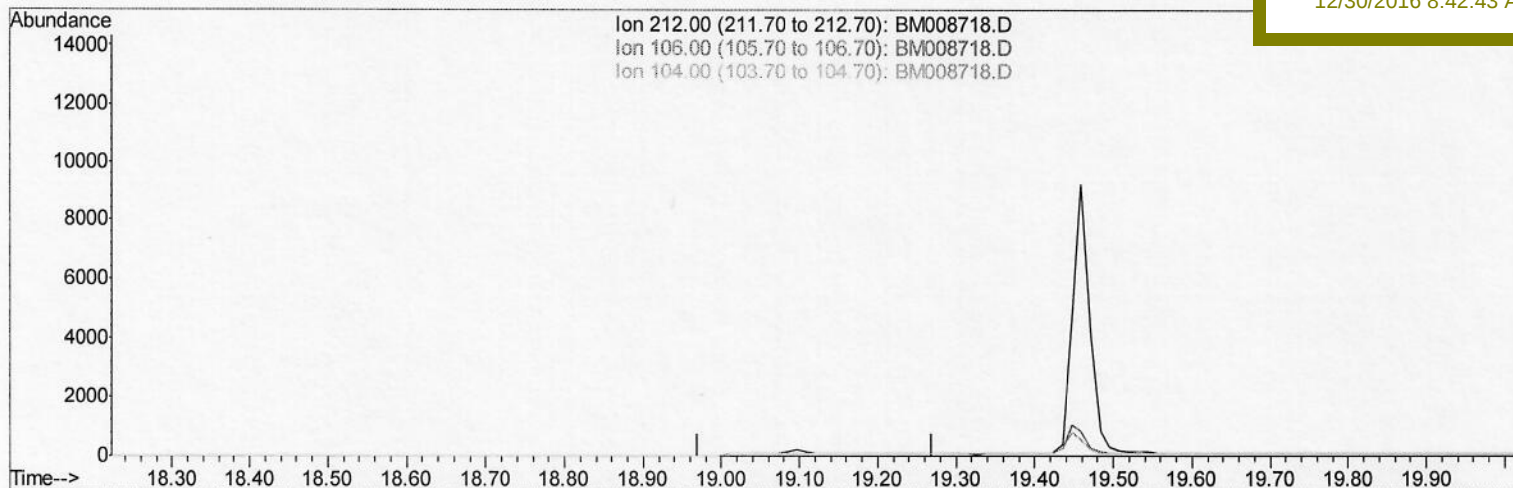
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
 Data File : BM008718.D
 Acq On : 29 Dec 2016 13:39
 Operator : UM/SJ
 Sample : H6067-14DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7G5DL

Manual Integrations
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Quant Time: Dec 30 02:45:29 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: BM008718.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)

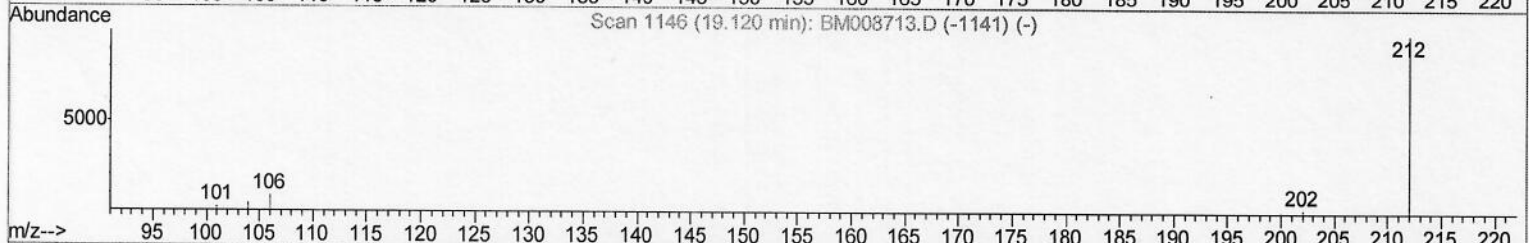
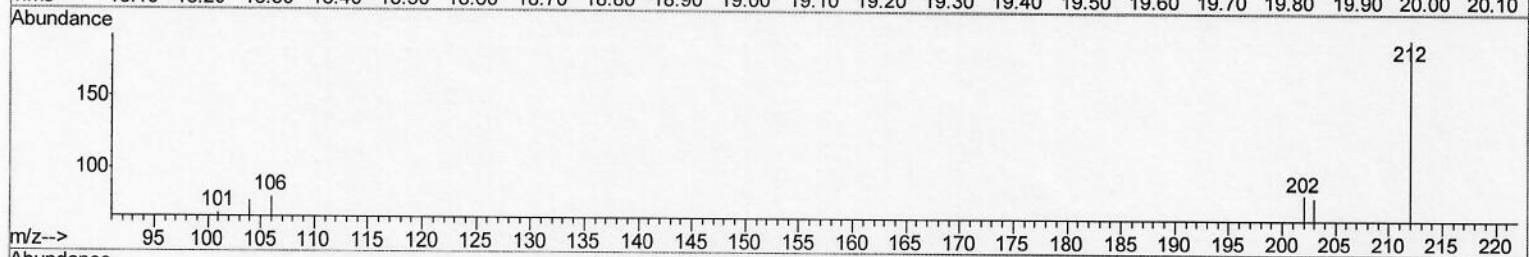
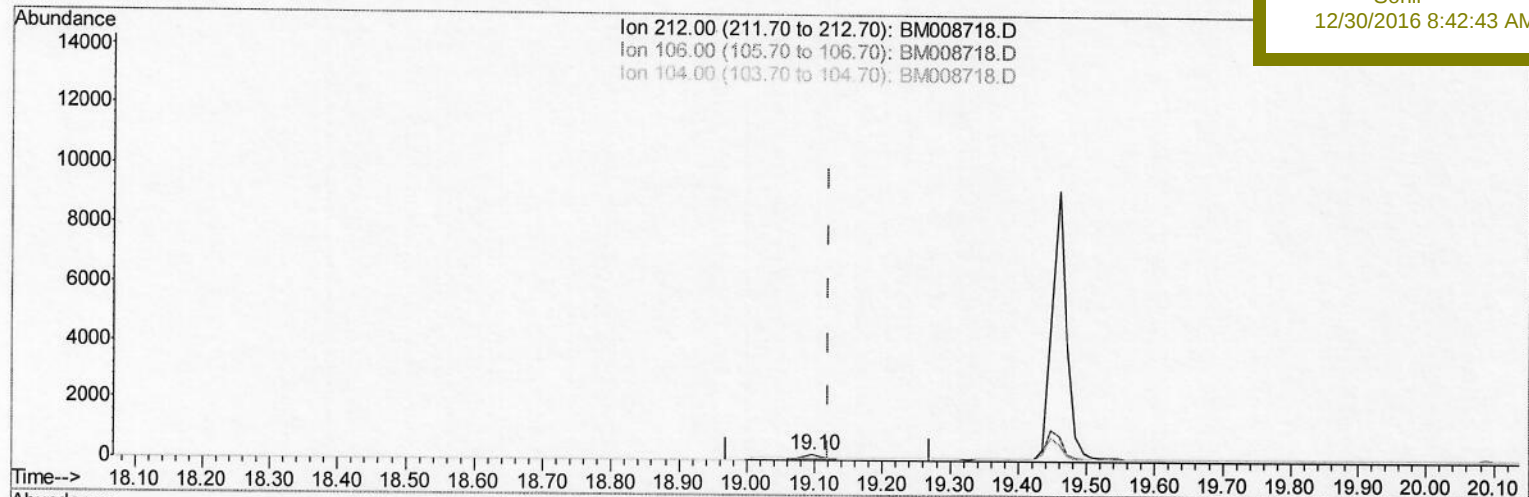
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
 Data File : BM008718.D
 Acq On : 29 Dec 2016 13:39
 Operator : UM/SJ
 Sample : H6067-14DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 30 02:45:29 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 :
 DA7G5DL

Manual Integrations
 APPROVED

Sohil
 12/30/2016 8:42:43 AM



(14) Fluoranthene-d10 (SURR)

19.096min (-0.024) 0.07ng/ul m

response 271

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)

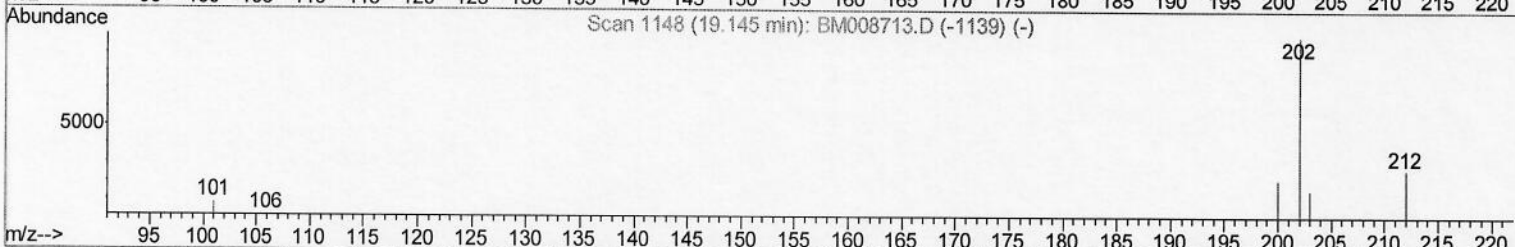
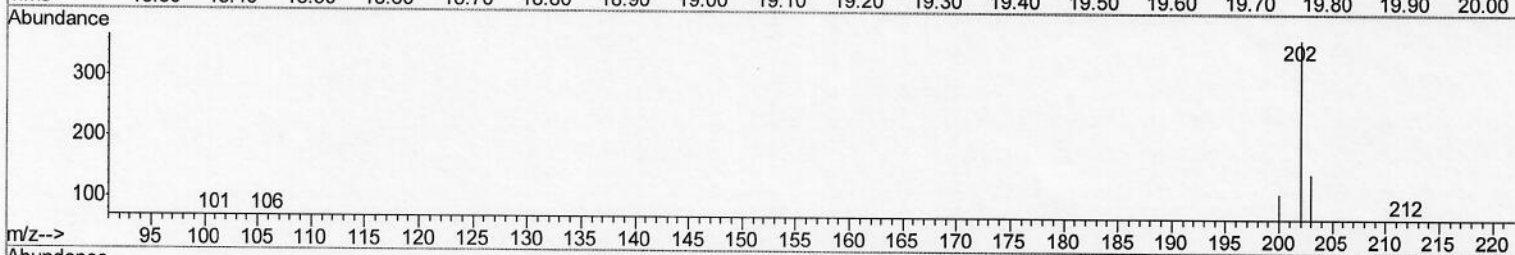
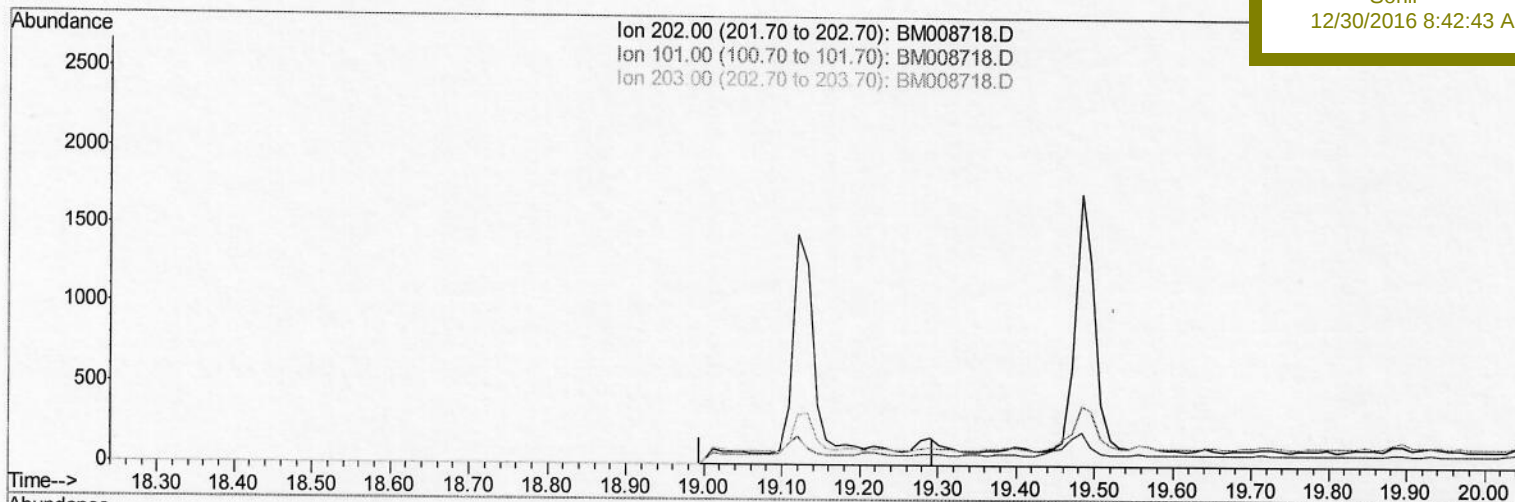
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
 Data File : BM008718.D
 Acq On : 29 Dec 2016 13:39
 Operator : UM/SJ
 Sample : H6067-14DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 30 02:45:29 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 :
 DA7G5DL

Manual Integrations
 APPROVED

Sohil
 12/30/2016 8:42:43 AM



TIC: BM008718.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)

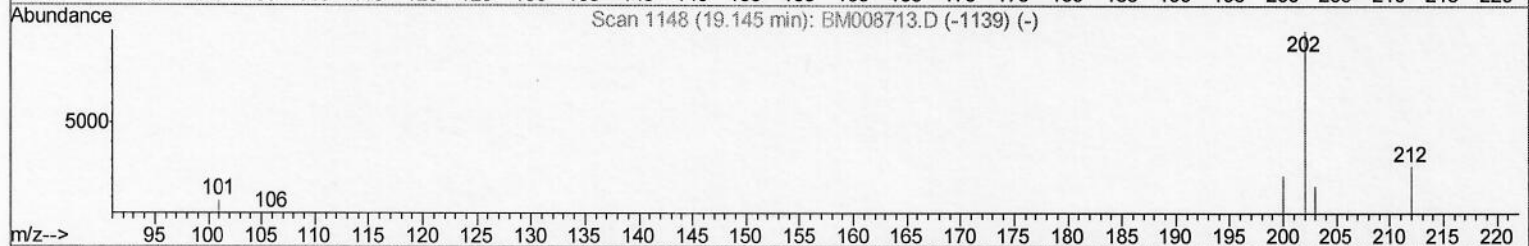
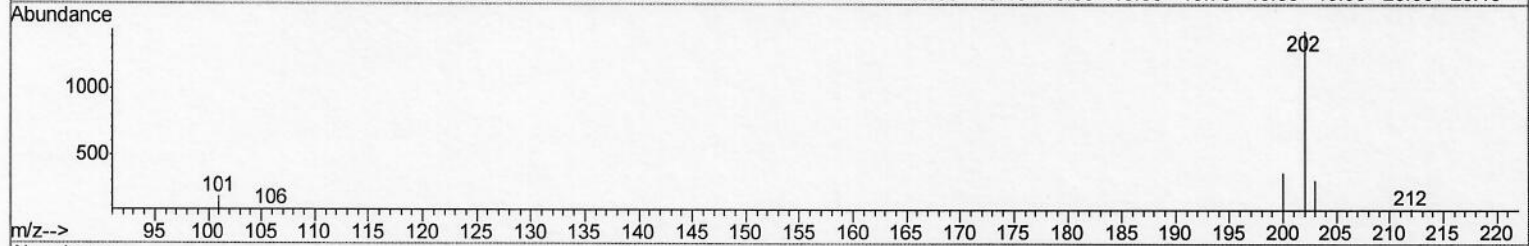
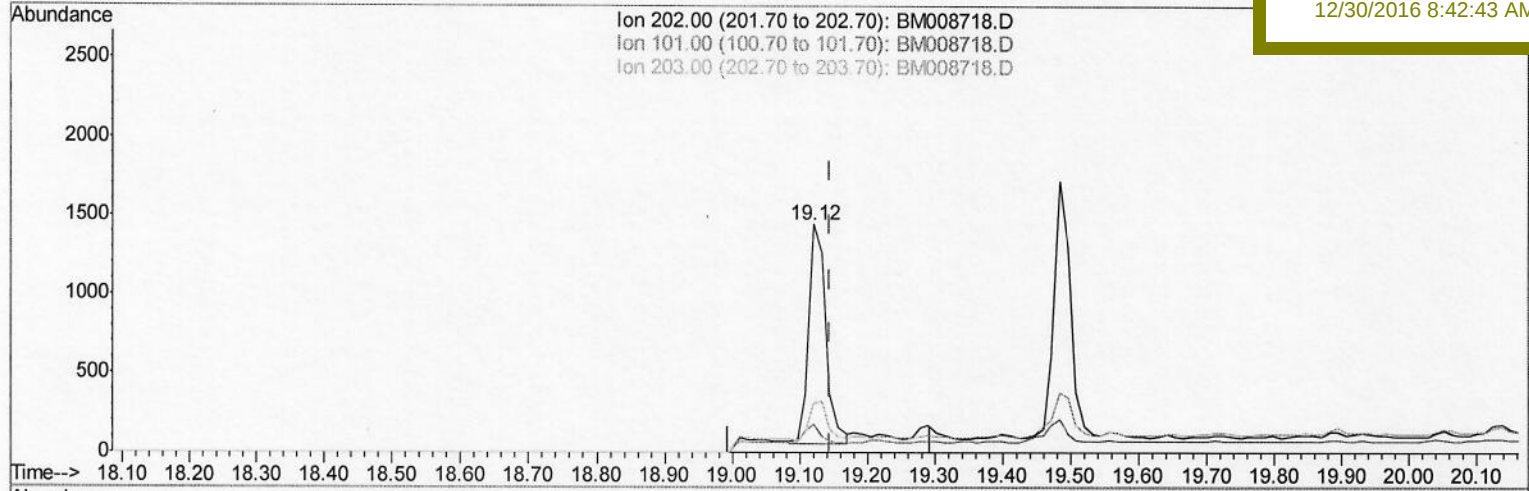
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
 Data File : BM008718.D
 Acq On : 29 Dec 2016 13:39
 Operator : UM/SJ
 Sample : H6067-14DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 30 02:45:29 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 :
 DA7G5DL

Manual Integrations
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Sohil
 12/30/2016 8:42:43 AM



TIC: BM008718.D

(15) Fluoranthene (C)

19.121min (-0.024) 0.46ng/ul m

response 2465

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	12.25
203.00	19.50	21.66
0.00	0.00	0.00

SJ
 12/30/16

Quantitation Report (Qedit)

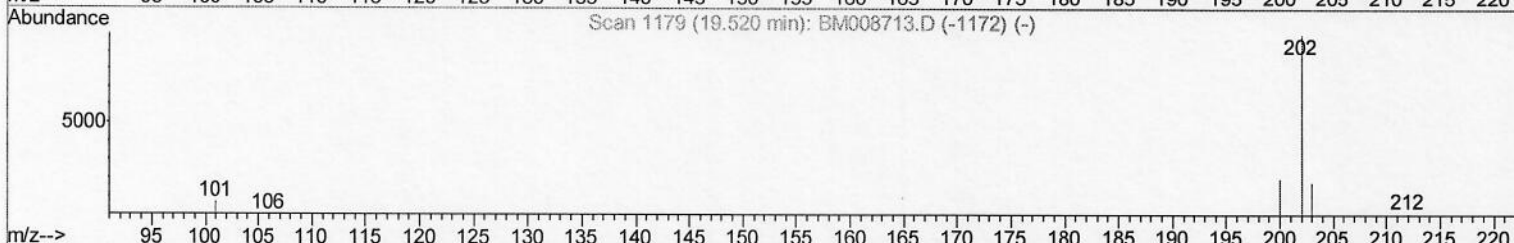
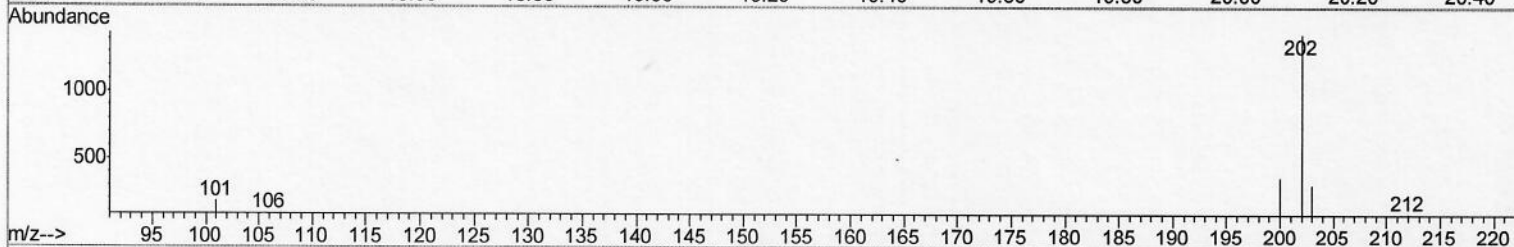
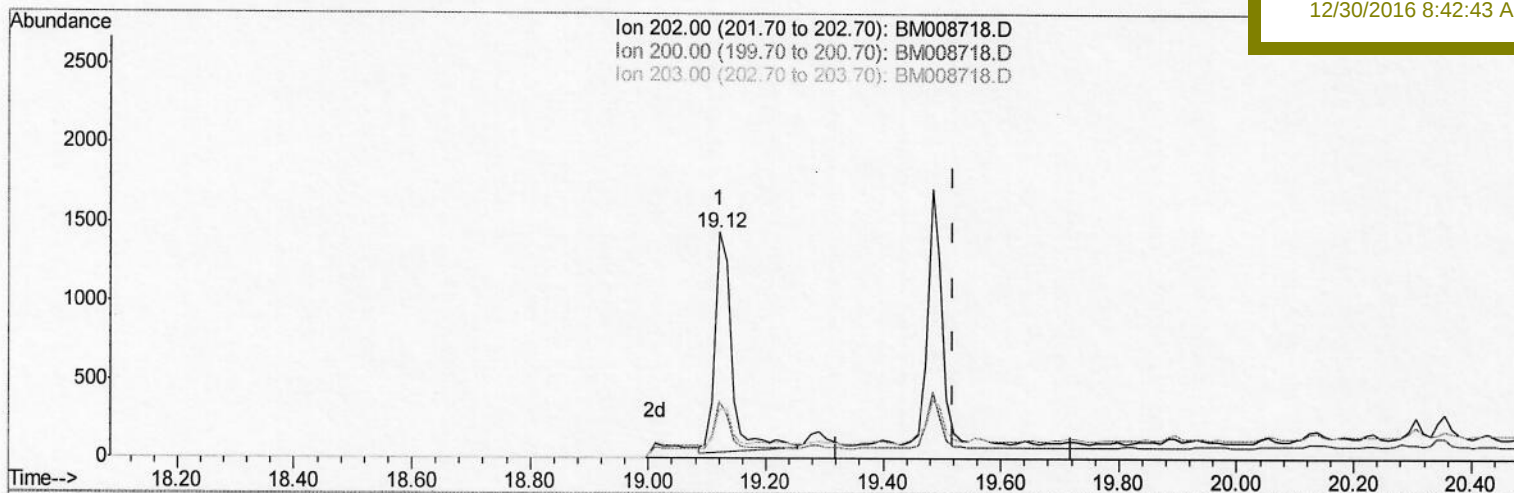
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
 Data File : BM008718.D
 Acq On : 29 Dec 2016 13:39
 Operator : UM/SJ
 Sample : H6067-14DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 30 02:45:29 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 :
 DA7G5DL

Manual Integrations
APPROVED

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TIC: BM008718.D

(17) Pyrene

19.121min (-0.399) 0.53ng/ul

response 2771

Ion	Exp%	Act%
202.00	100	100
200.00	22.80	25.33
203.00	19.50	21.66
0.00	0.00	0.00

Quantitation Report (Qedit)

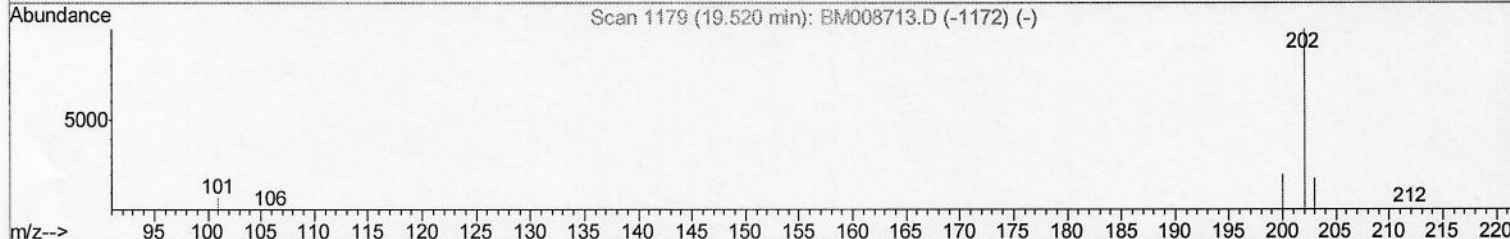
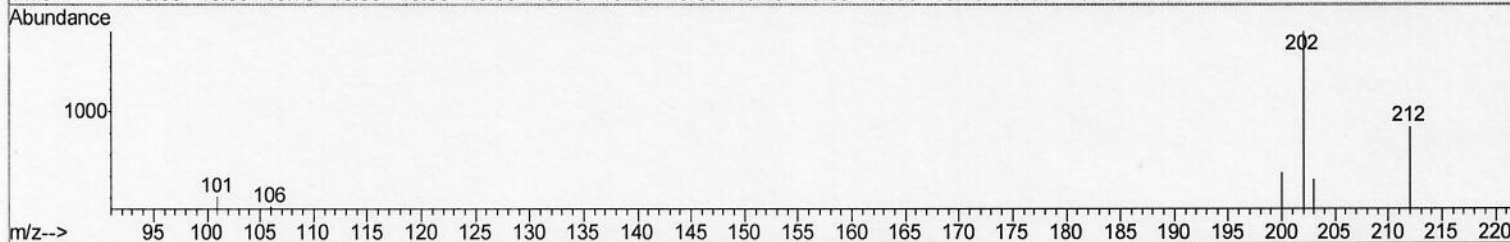
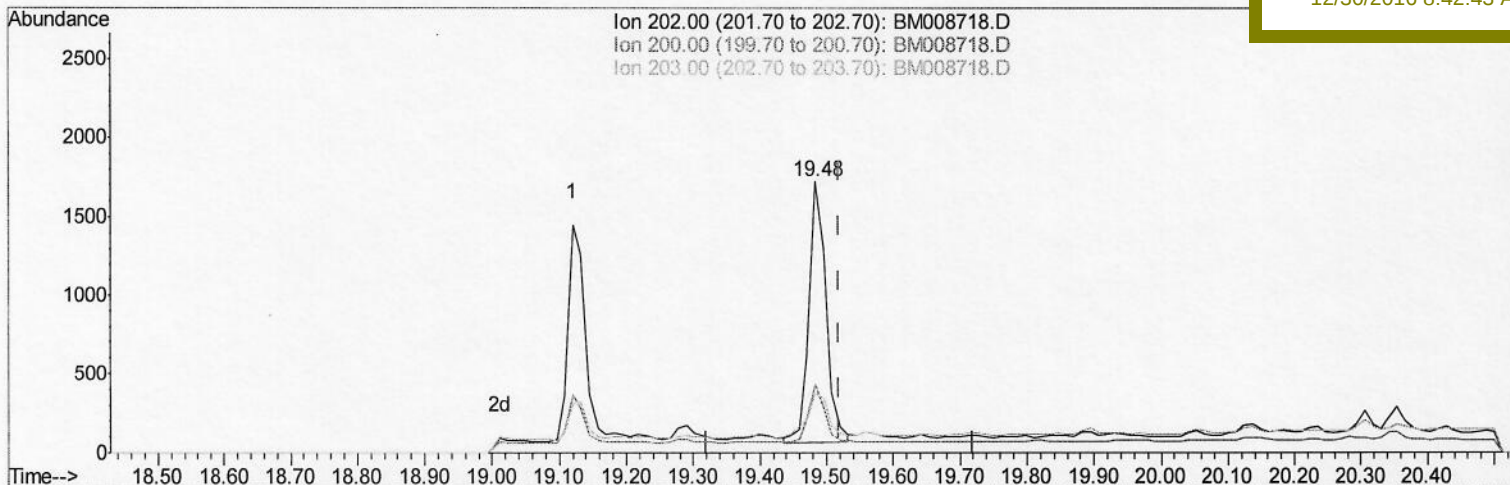
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
 Data File : BM008718.D
 Acq On : 29 Dec 2016 13:39
 Operator : UM/SJ
 Sample : H6067-14DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7G5DL

Quant Time: Dec 30 02:45:29 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: BM008718.D

(17) Pyrene

19.484min (-0.036) 0.55ng/ul m

response 2888

Ion	Exp%	Act%
202.00	100	100
200.00	22.80	25.07
203.00	19.50	21.76
0.00	0.00	0.00

SJ
 12/30/16

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
Data File : BM008718.D
Acq On : 29 Dec 2016 13:39
Operator : UM/SJ
Sample : H6067-14DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 30 02:45:29 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

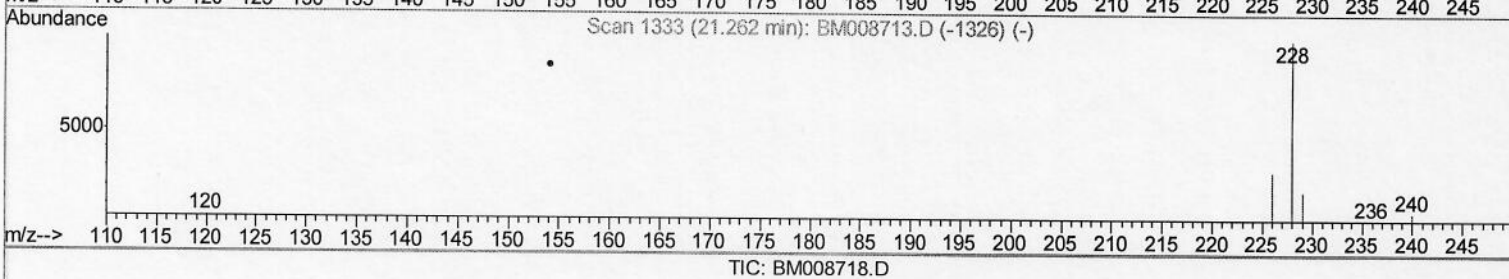
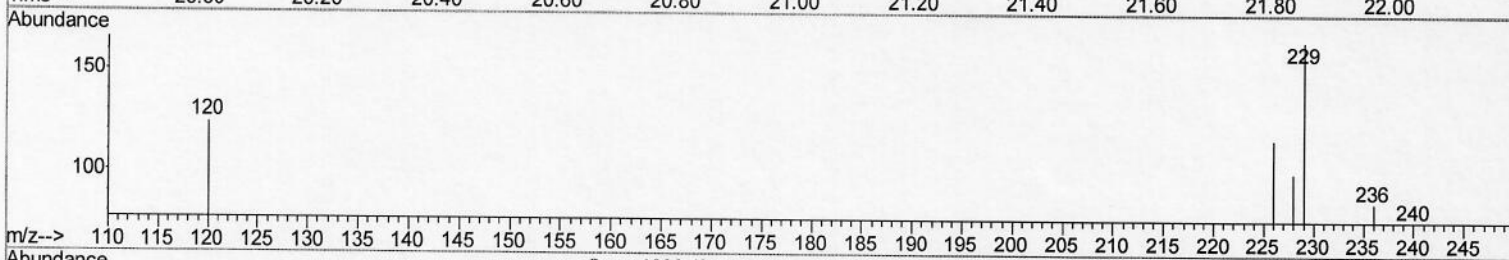
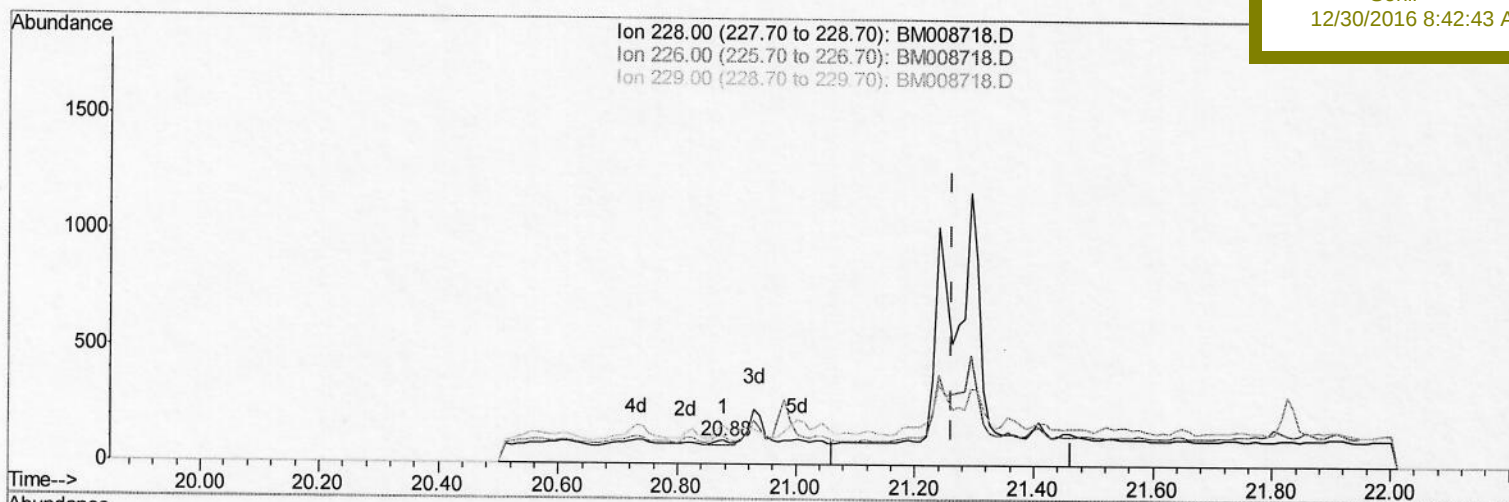
ClientSampleId :

DA7G5DL

Manual Integrations
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(18) Benzo(a)anthracene

20.877min (-0.385) 0.01ng/ul

response 35

Ion	Exp%	Act%
228.00	100	100
226.00	28.50	115.84#
229.00	21.30	164.36#
0.00	0.00	0.00

Quantitation Report (Qedit)

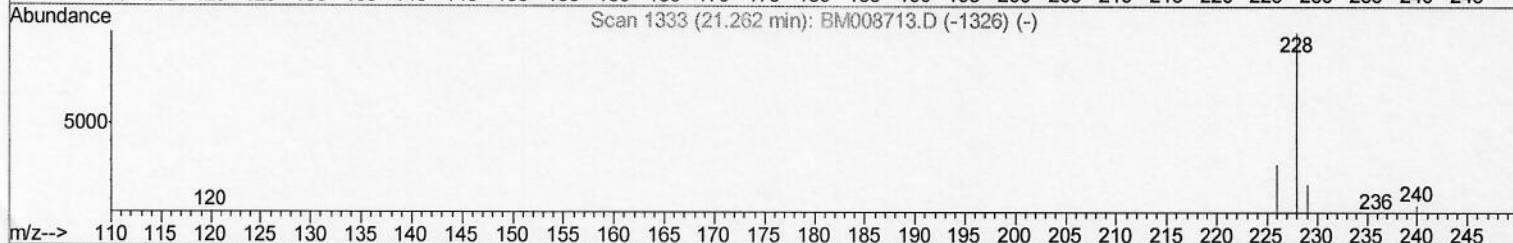
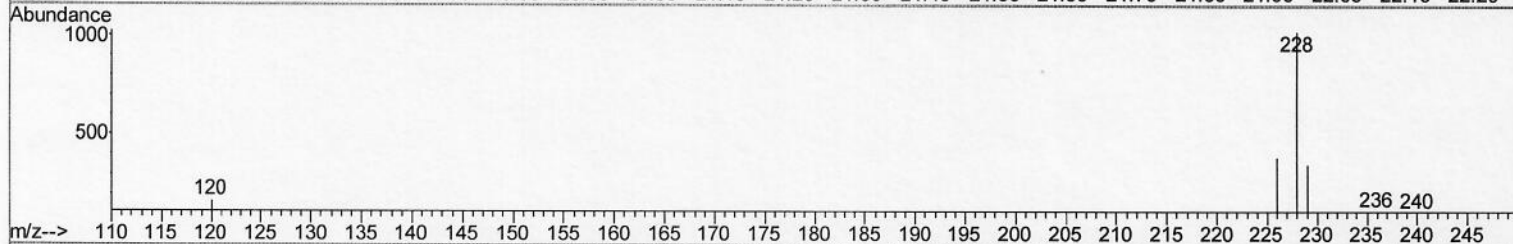
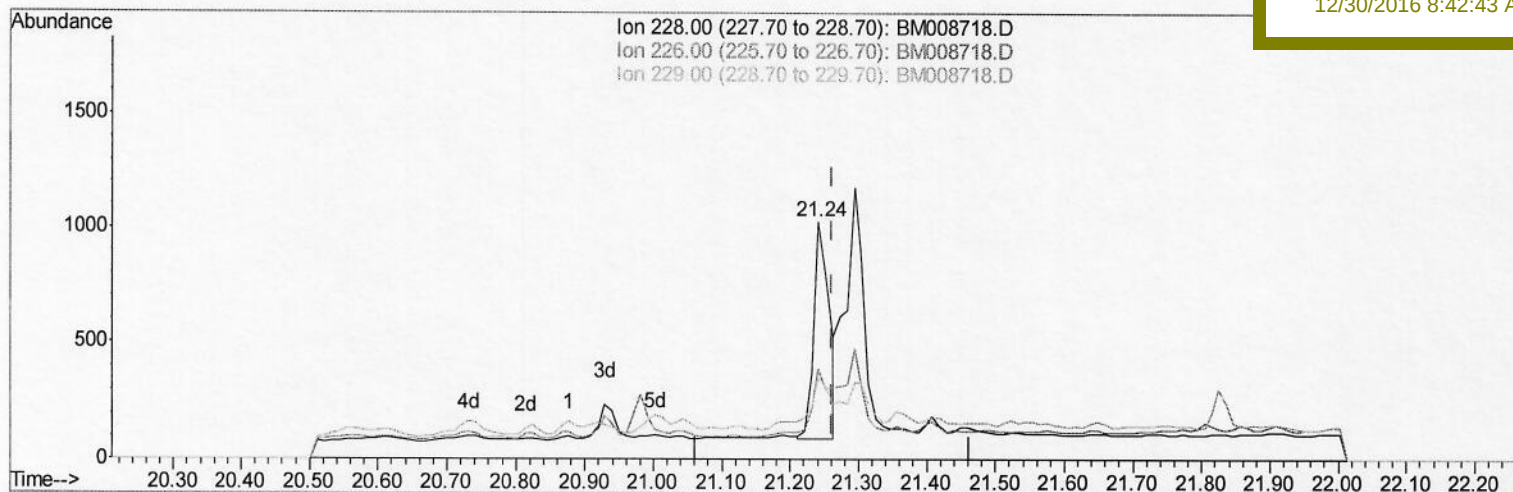
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
Data File : BM008718.D
Acq On : 29 Dec 2016 13:39
Operator : UM/SJ
Sample : H6067-14DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 30 02:45:29 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 :
DA7G5DL

Manual Integrations
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TIC: BM008718.D

(18) Benzo(a)anthracene

21.242min (-0.021) 0.34ng/ul m

response 1490

Ion	Exp%	Act%
228.00	100	100
226.00	28.50	37.82#
229.00	21.30	33.72#
0.00	0.00	0.00

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Quantitation Report (Qedit)

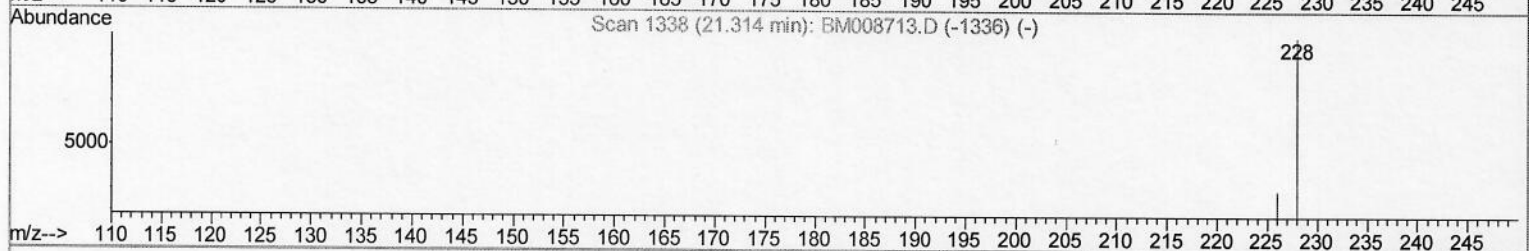
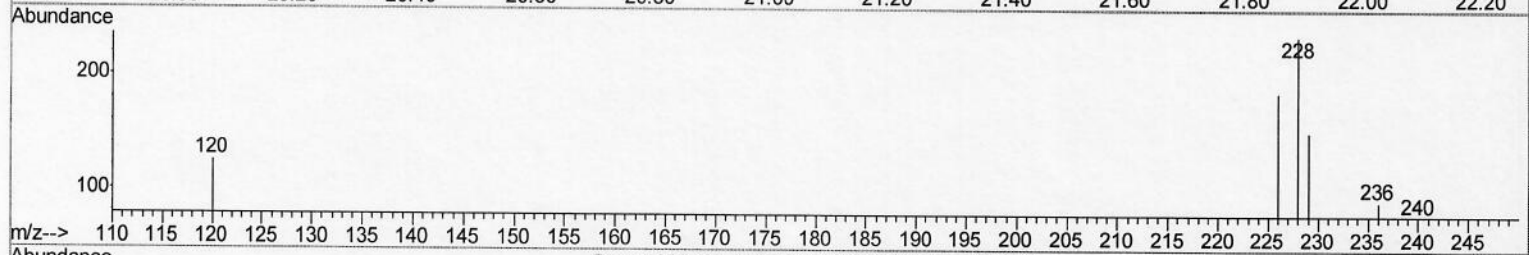
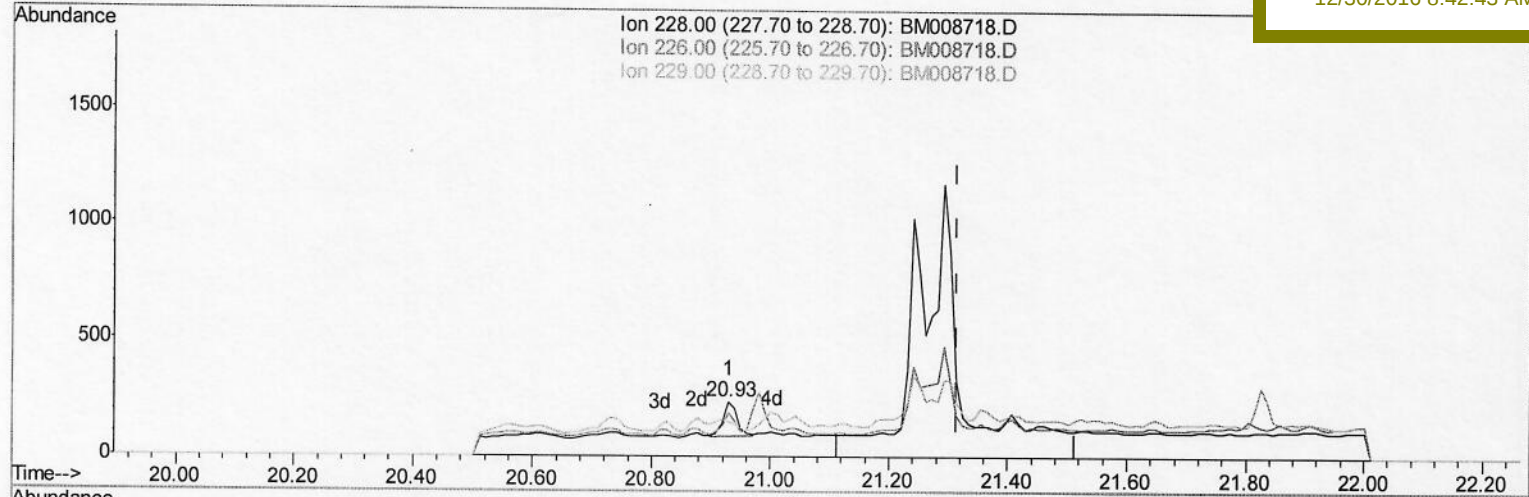
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
 Data File : BM008718.D
 Acq On : 29 Dec 2016 13:39
 Operator : UM/SJ
 Sample : H6067-14DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 DA7G5DL

Quant Time: Dec 30 02:45:29 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: BM008718.D

(19) Chrysene

20.929min (-0.385) 0.05ng/ul

response 244

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	78.81#
229.00	22.10	64.41#
0.00	0.00	0.00

Quantitation Report (Qedit)

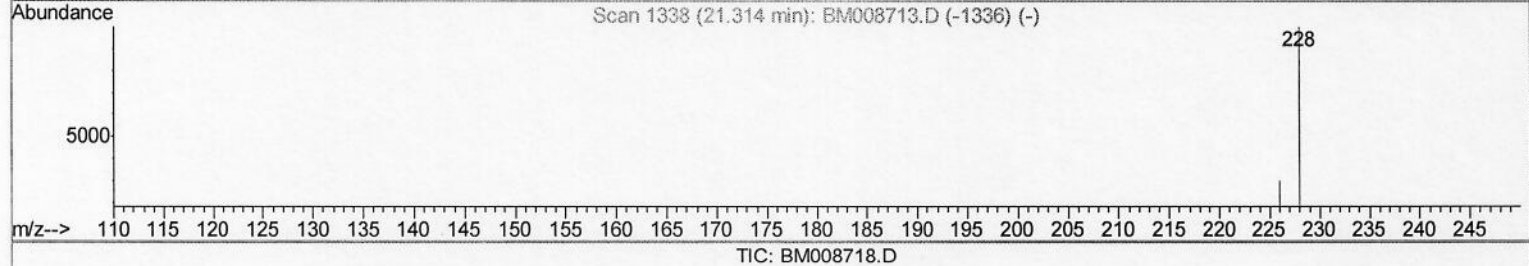
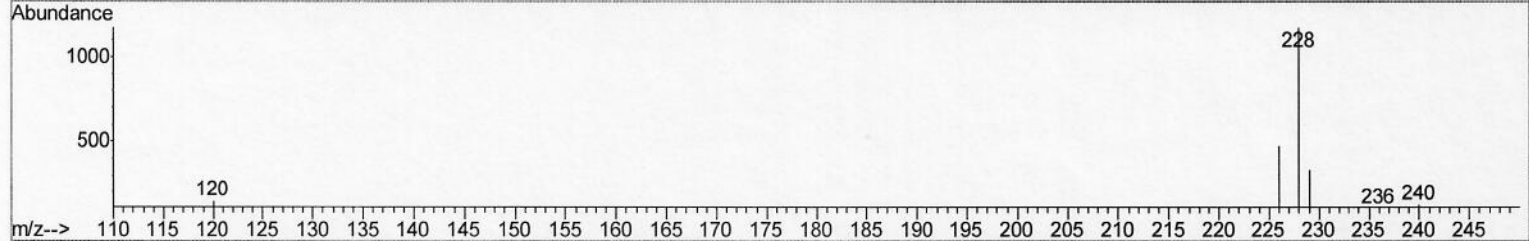
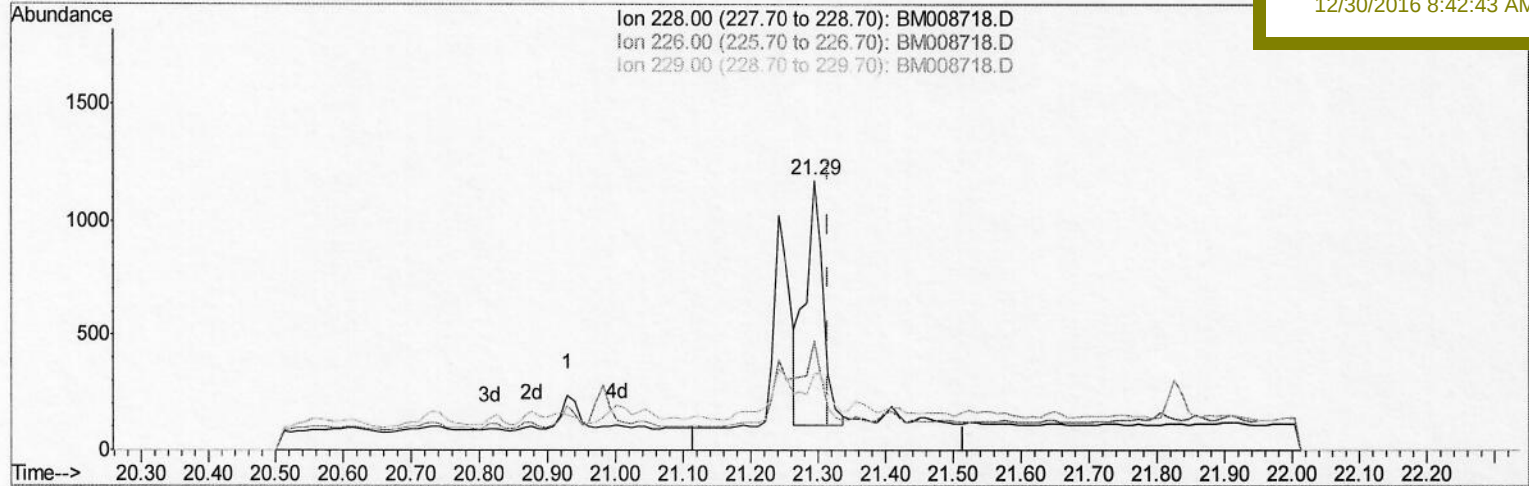
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
 Data File : BM008718.D
 Acq On : 29 Dec 2016 13:39
 Operator : UM/SJ
 Sample : H6067-14DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 30 02:45:29 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 :
 DA7G5DL

Manual Integrations
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(19) Chrysene

21.294min (-0.021) 0.42ng/ul m

response 2013

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12/30/16

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	40.34#
229.00	22.10	28.26#
0.00	0.00	0.00

Quantitation Report (Qedit)

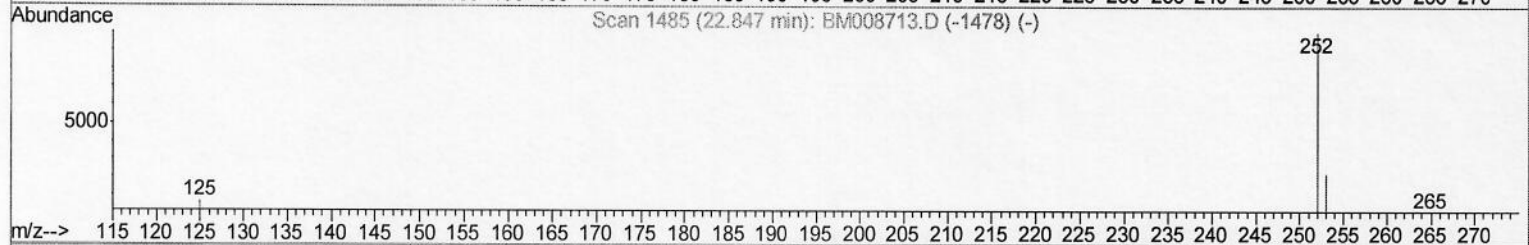
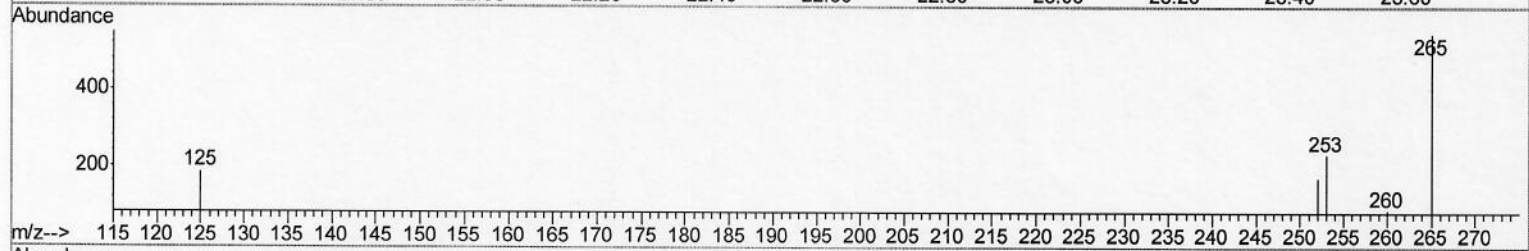
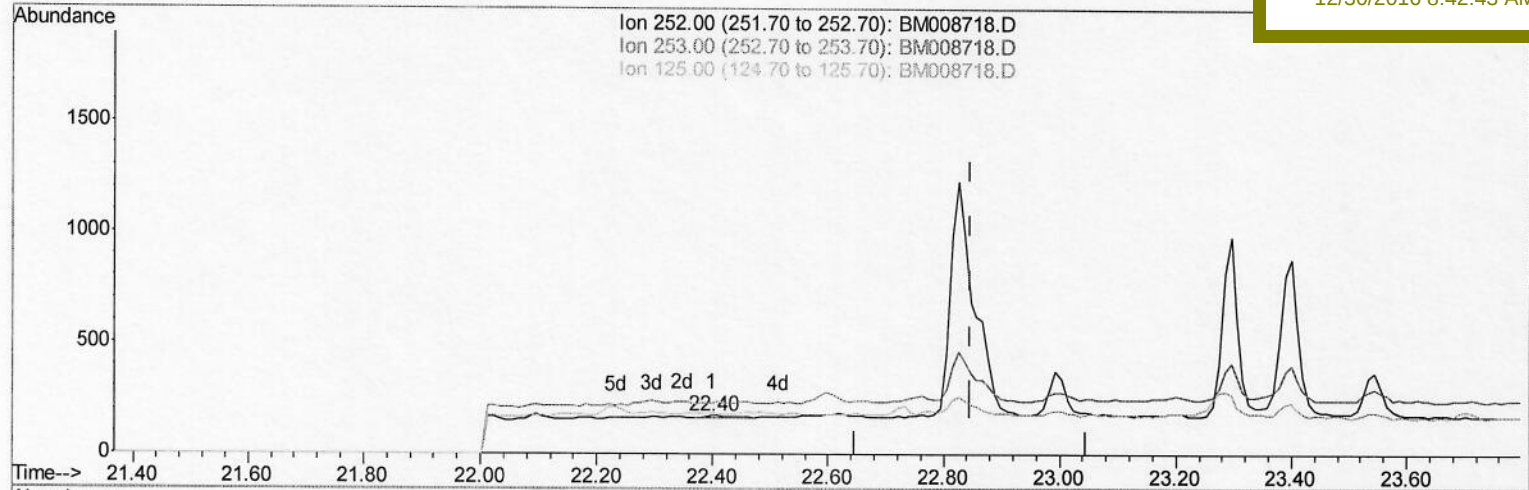
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
 Data File : BM008718.D
 Acq On : 29 Dec 2016 13:39
 Operator : UM/SJ
 Sample : H6067-14DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 DA7G5DL

Quant Time: Dec 30 02:45:29 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: BM008718.D

(21) Benzo(b)fluoranthene
 22.399min (-0.448) 0.01ng/ul
 response 51

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	134.30#
125.00	17.50	106.98#
0.00	0.00	0.00

Quantitation Report (Qedit)

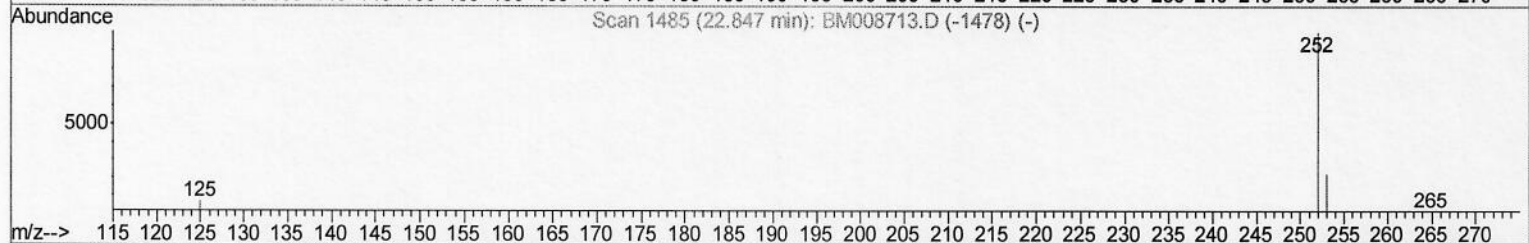
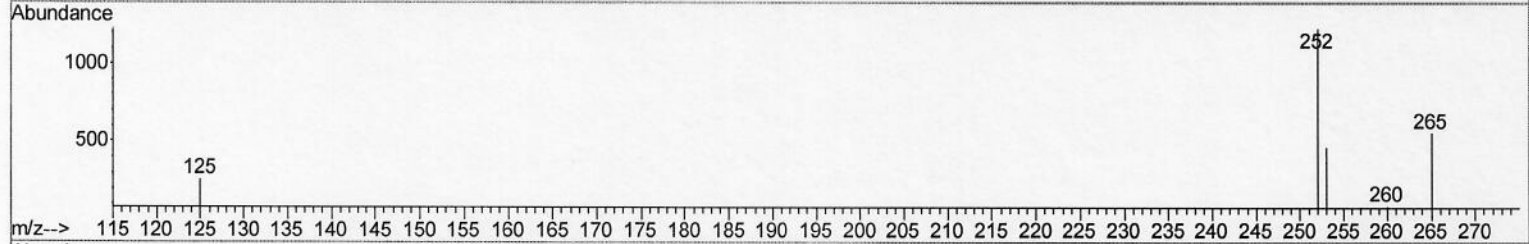
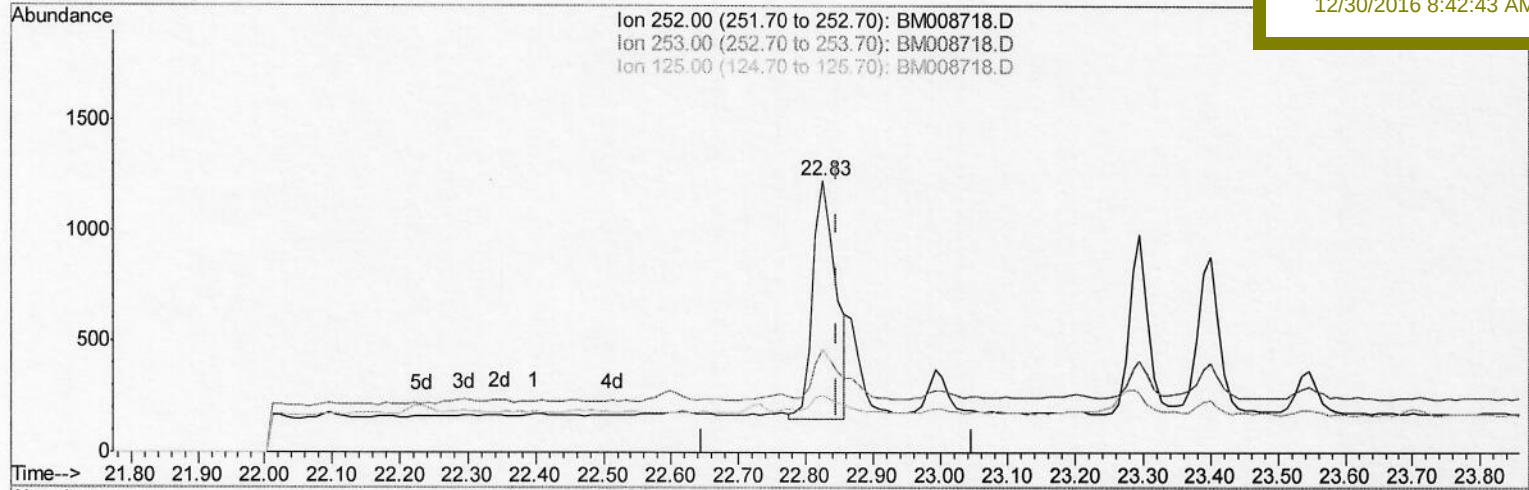
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
 Data File : BM008718.D
 Acq On : 29 Dec 2016 13:39
 Operator : UM/SJ
 Sample : H6067-14DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 30 02:45:29 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 :
 DA7G5DL

Manual Integrations
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TIC: BM008718.D

(21) Benzo(b)fluoranthene

22.826min (-0.021) 0.50ng/ul m

response 2582

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	37.93
125.00	17.50	21.04
0.00	0.00	0.00

SJ
 12/30/16

Quantitation Report (Qedit)

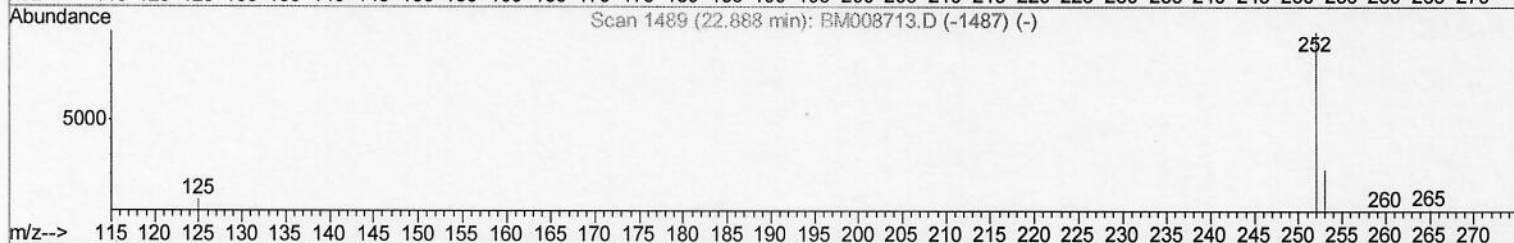
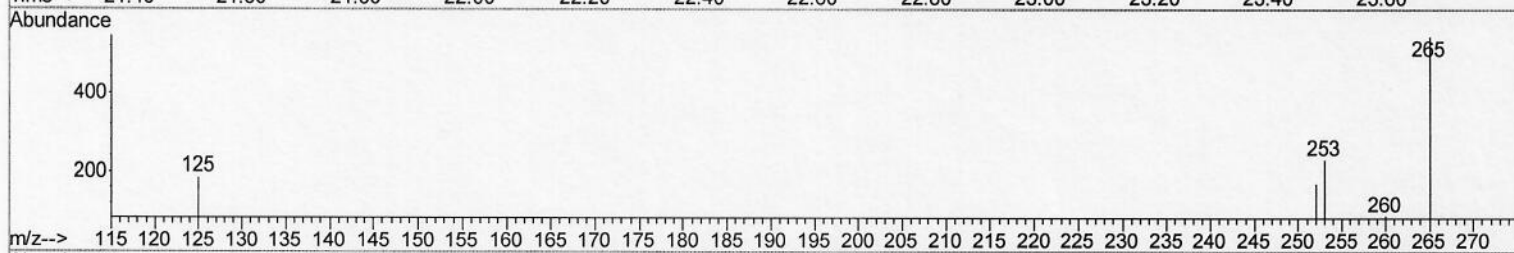
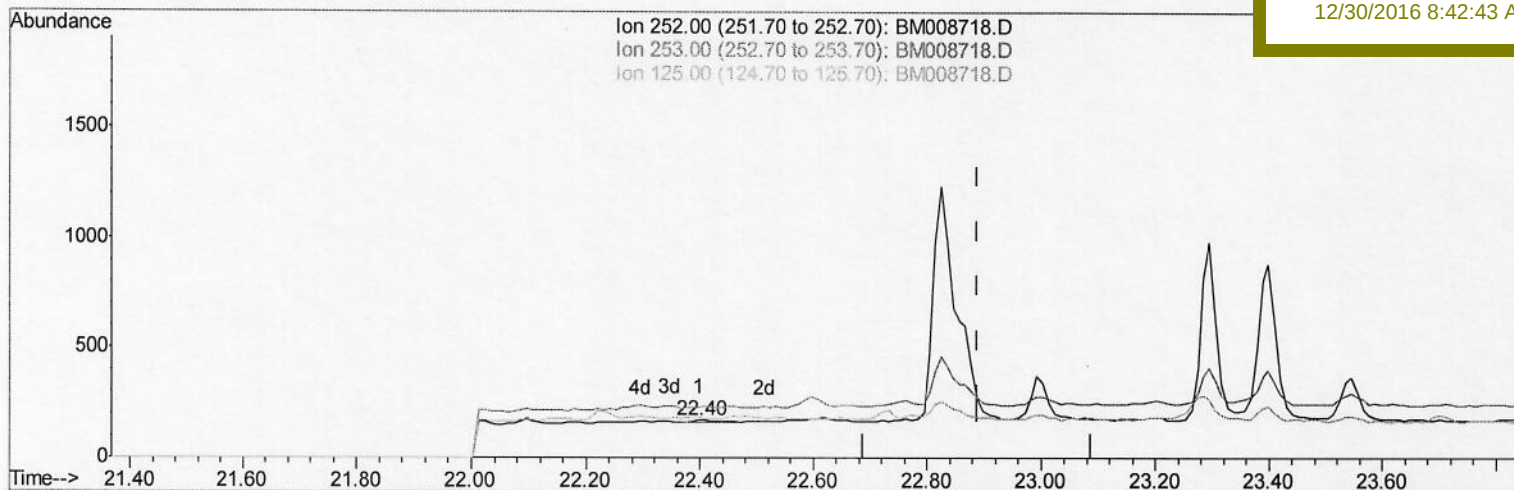
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
 Data File : BM008718.D
 Acq On : 29 Dec 2016 13:39
 Operator : UM/SJ
 Sample : H6067-14DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 30 02:45:29 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 :
 DA7G5DL

Manual Integrations
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Sohil
 12/30/2016 8:42:43 AM



TIC: BM008718.D

(22) Benzo(k)fluoranthene
 22.399min (-0.490) 0.01ng/ul
 response 51

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	134.30#
125.00	17.10	106.98#
0.00	0.00	0.00

Quantitation Report (Qedit)

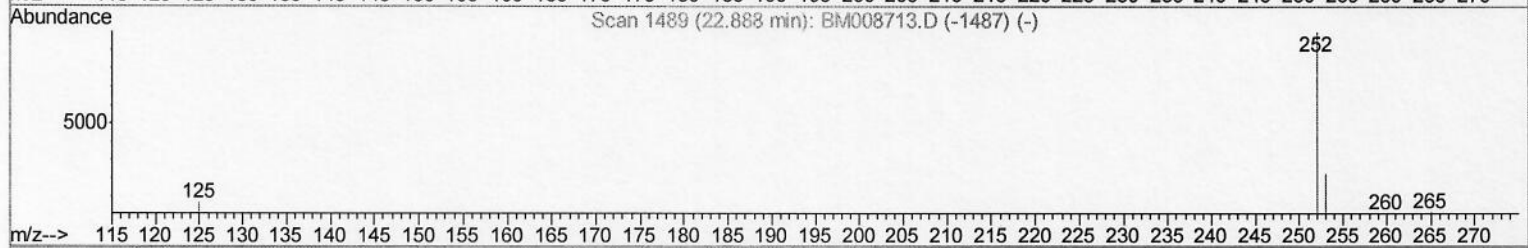
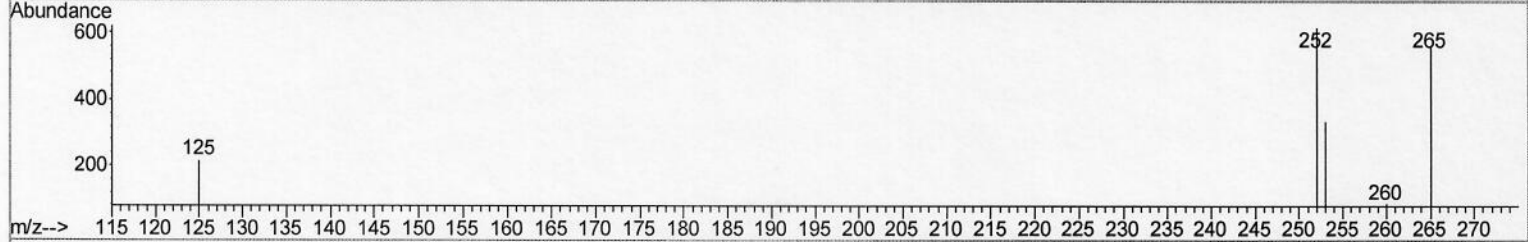
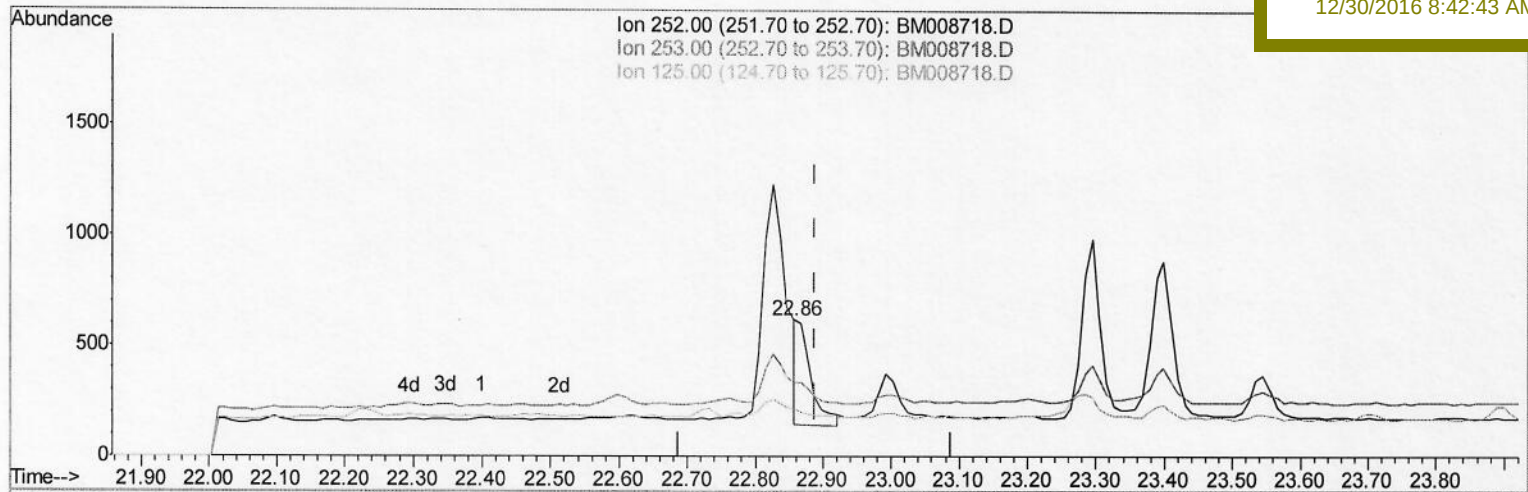
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
 Data File : BM008718.D
 Acq On : 29 Dec 2016 13:39
 Operator : UM/SJ
 Sample : H6067-14DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 DA7G5DL

Quant Time: Dec 30 02:45:29 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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 12/30/2016 8:42:43 AM



TIC: BM008718.D

(22) Benzo(k)fluoranthene

22.857min (-0.031) 0.13ng/ul m

response 644

SJ
 12/30/16

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	54.37#
125.00	17.10	34.79#
0.00	0.00	0.00

Instrument :
BNA_M
ClientSampleId :
DA7G5DL

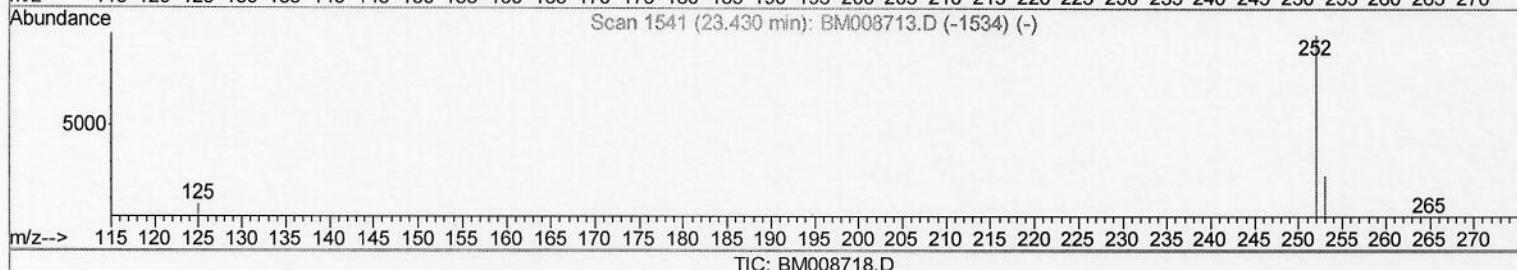
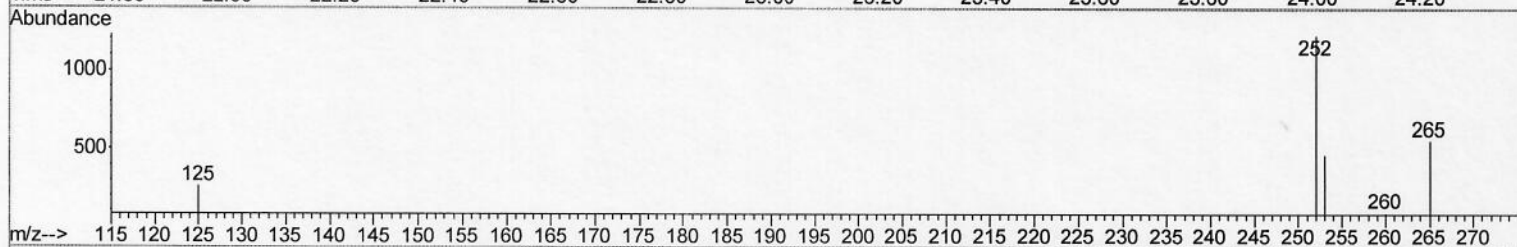
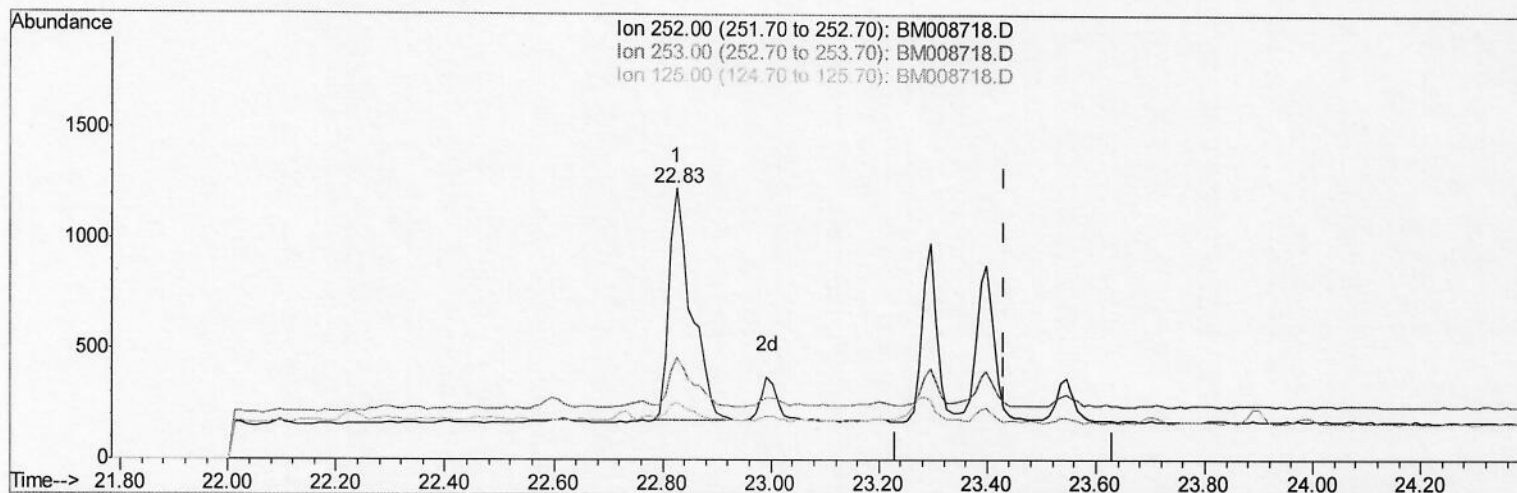
Manual Integrations
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Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
Data File : BM008718.D
Acq On : 29 Dec 2016 13:39
Operator : UM/SJ
Sample : H6067-14DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 30 02:45:29 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



(23) Benzo(a)pyrene (C)
22.826min (-0.605) 0.62ng/ul
response 2977

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	37.93
125.00	22.60	21.04
0.00	0.00	0.00

Quantitation Report (Qedit)

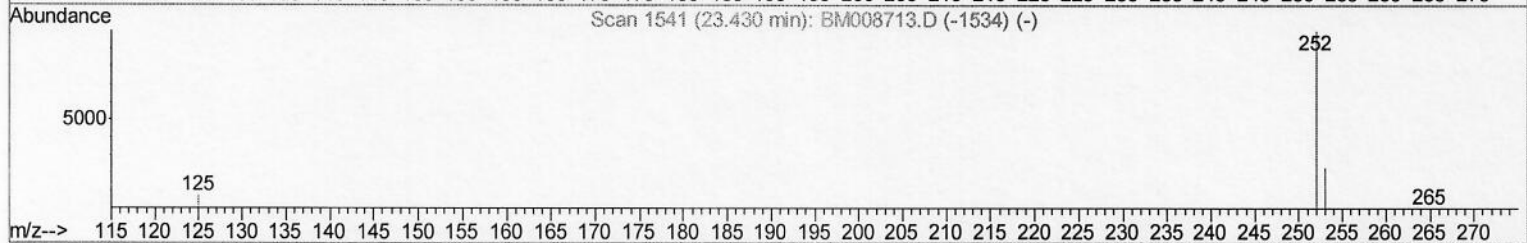
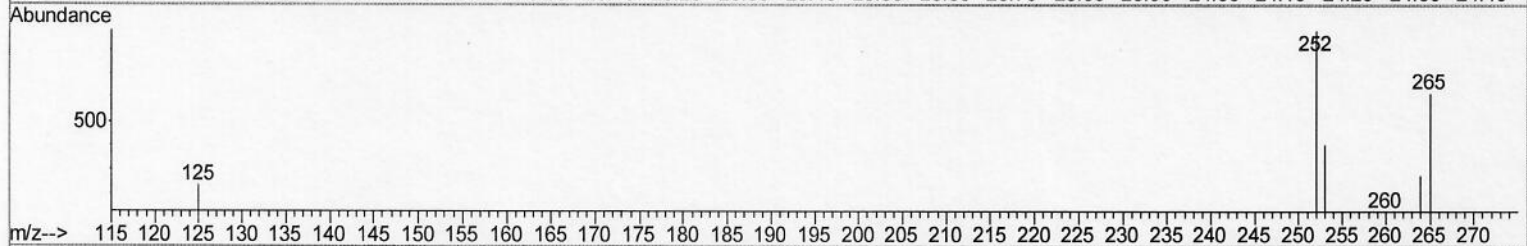
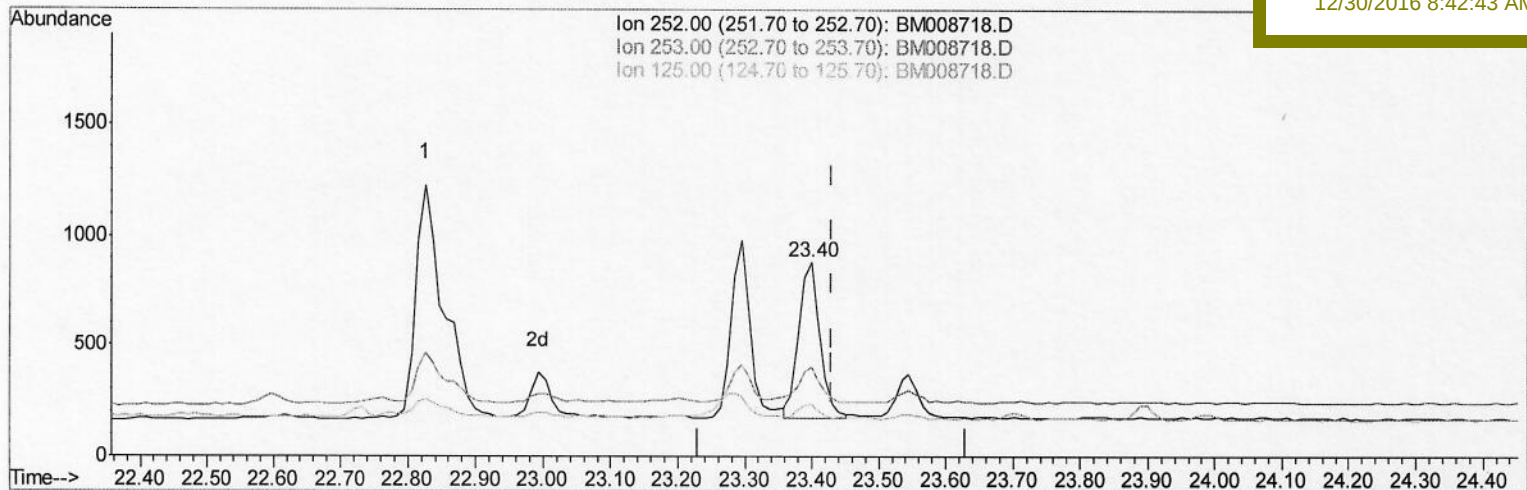
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
Data File : BM008718.D
Acq On : 29 Dec 2016 13:39
Operator : UM/SJ
Sample : H6067-14DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 30 02:45:29 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 :
DA7G5DL

Manual Integrations
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Sohil
12/30/2016 8:42:43 AM



TIC: BM008718.D

(23) Benzo(a)pyrene (C)

23.399min (-0.031) 0.33ng/ul m

response 1571

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	45.80#
125.00	22.60	26.53
0.00	0.00	0.00

SJ
12/30/16

Quantitation Report (Qedit)

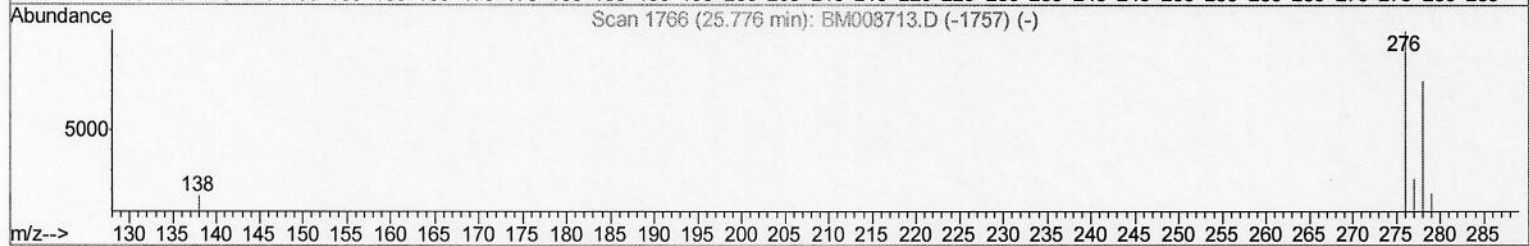
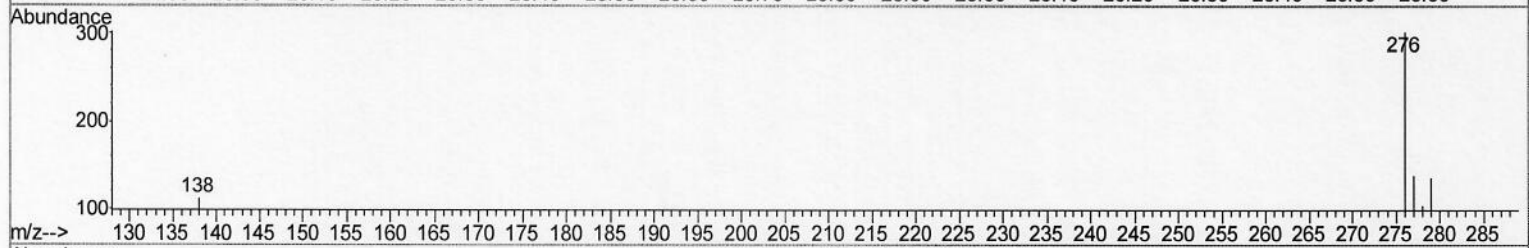
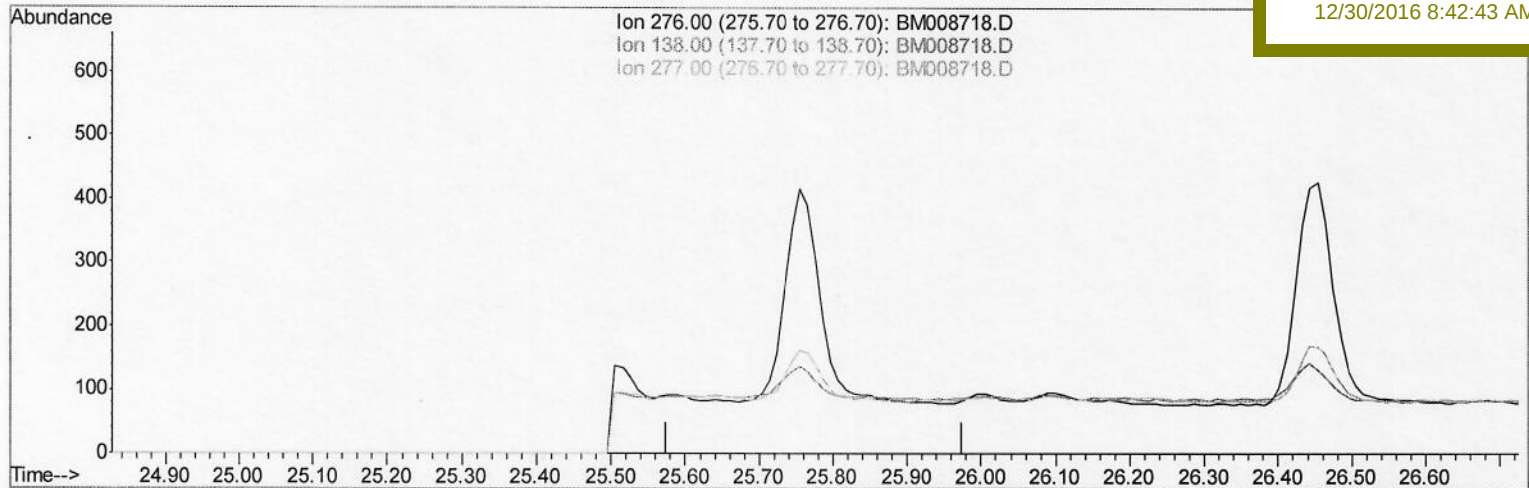
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
 Data File : BM008718.D
 Acq On : 29 Dec 2016 13:39
 Operator : UM/SJ
 Sample : H6067-14DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 30 02:45:29 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 :
 DA7G5DL

Manual Integrations
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Sohil
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TIC: BM008718.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)

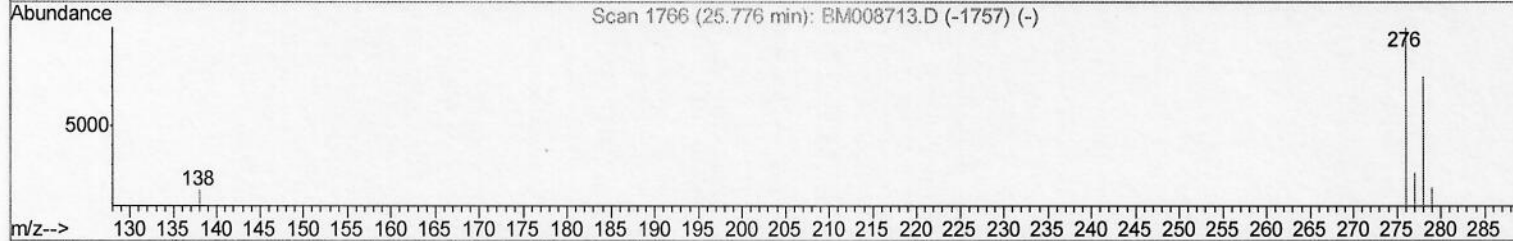
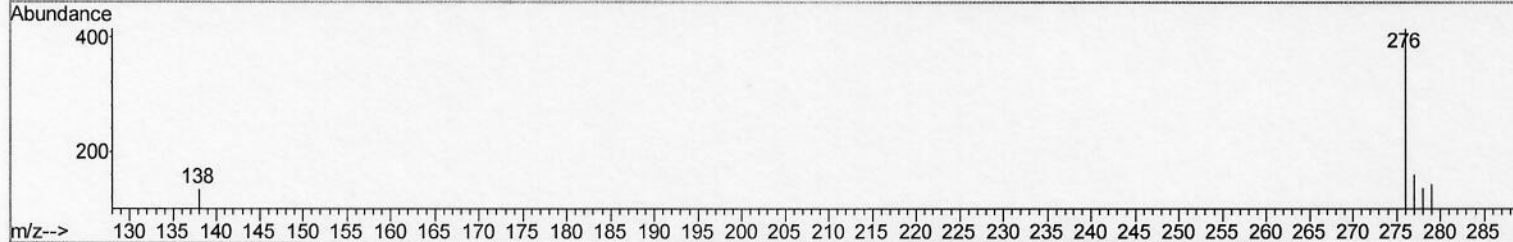
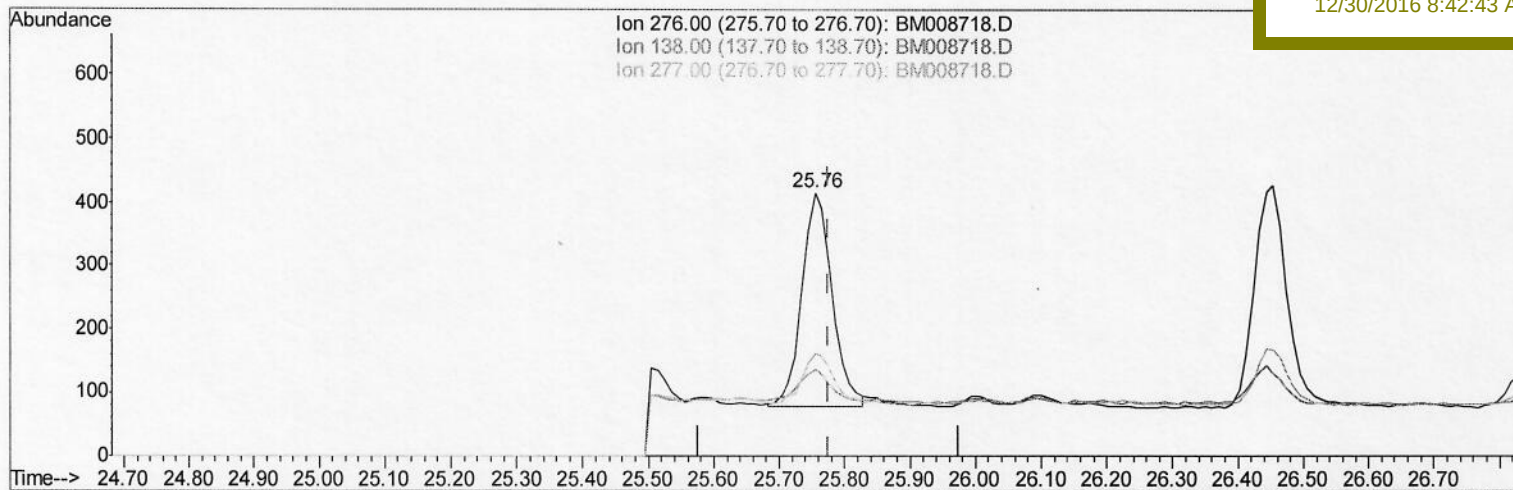
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
 Data File : BM008718.D
 Acq On : 29 Dec 2016 13:39
 Operator : UM/SJ
 Sample : H6067-14DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 DA7G5DL

Quant Time: Dec 30 02:45:29 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
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Manual Integrations
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TIC: BM008718.D

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

25.755min (-0.021) 0.19ng/ul m

response 1087

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)

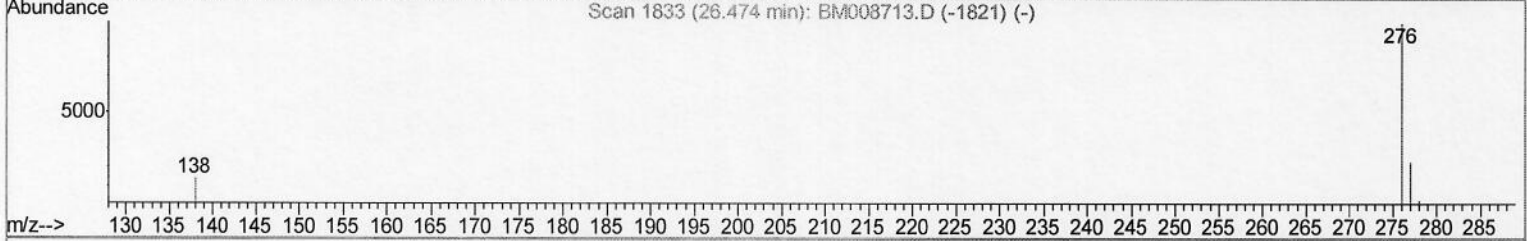
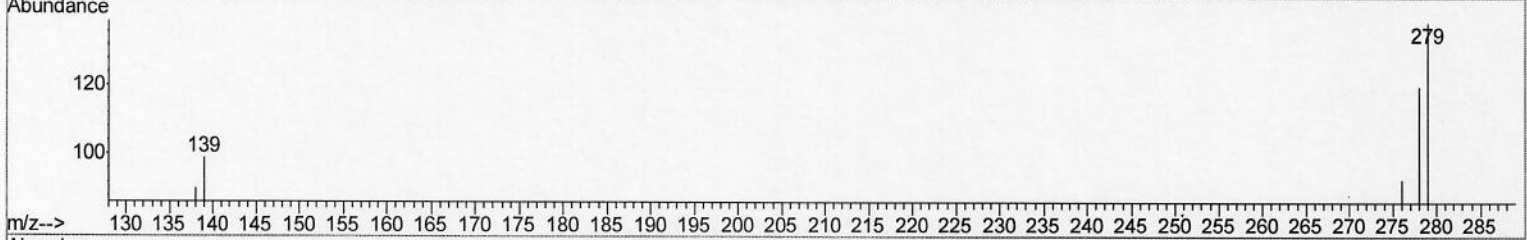
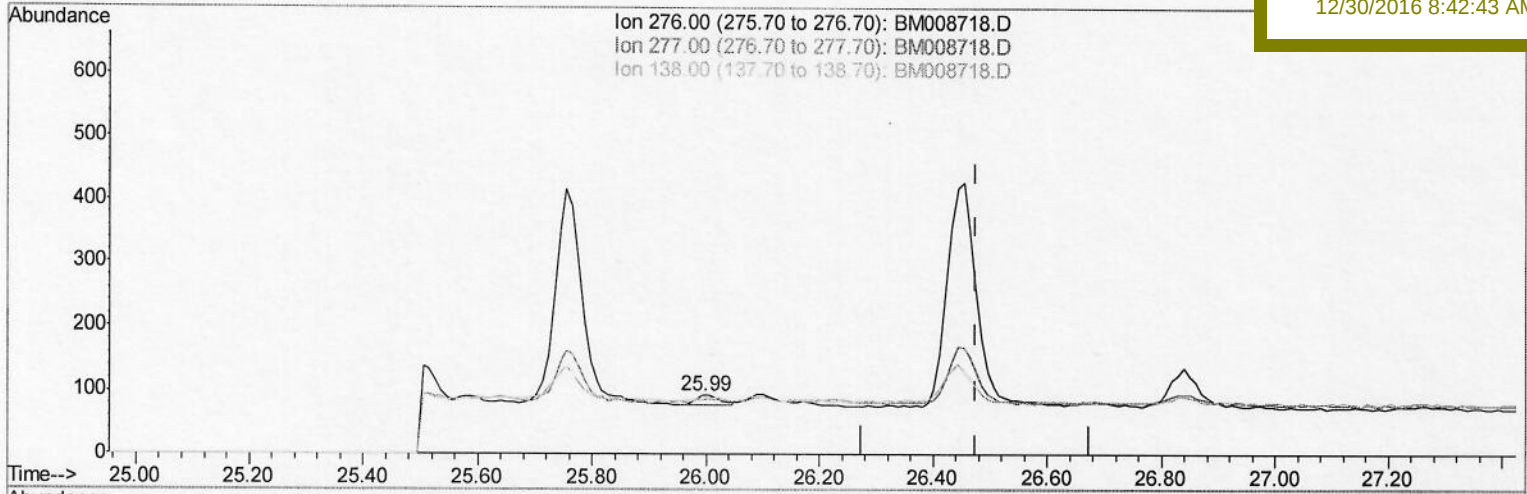
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
 Data File : BM008718.D
 Acq On : 29 Dec 2016 13:39
 Operator : UM/SJ
 Sample : H6067-14DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 30 02:45:29 2016
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Manual Integrations
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TIC: BM008718.D

(26) Benzo(g,h,i)perylene
 25.995min (-0.479) 0.01ng/ul
 response 48

Ion	Exp%	Act%
276.00	100	100
277.00	27.30	92.47#
138.00	25.60	96.77#
0.00	0.00	0.00

Quantitation Report (Qedit)

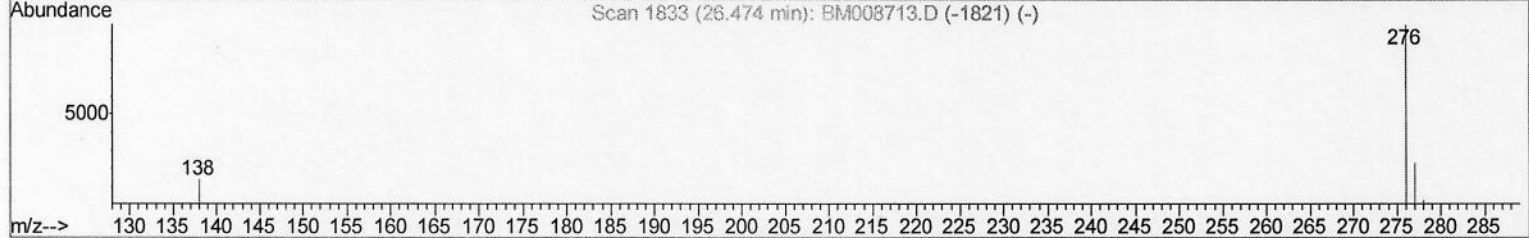
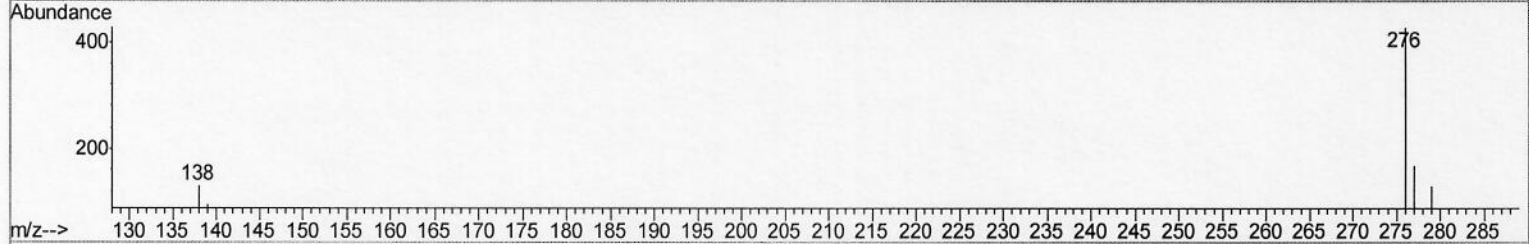
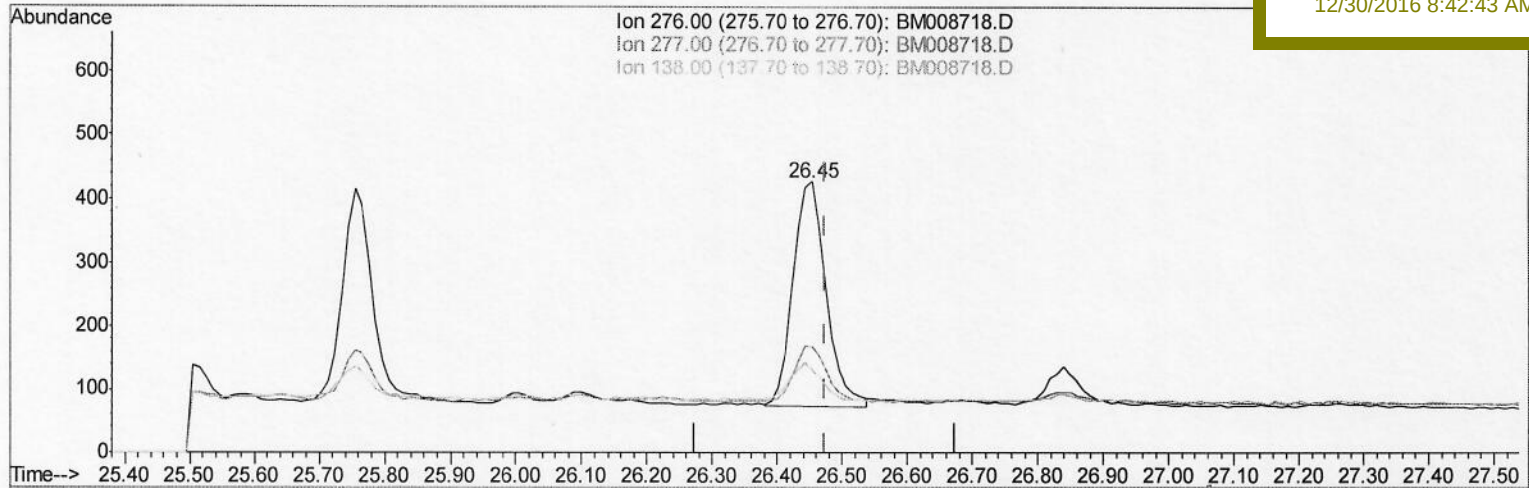
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
 Data File : BM008718.D
 Acq On : 29 Dec 2016 13:39
 Operator : UM/SJ
 Sample : H6067-14DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
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(26) Benzo(g,h,i)perylene

26.454min (-0.021) 0.26ng/ul m

response 1267

Ion	Exp%	Act%
276.00	100	100
277.00	27.30	39.11#
138.00	25.60	30.68
0.00	0.00	0.00

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 Operator : UM/SJ
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 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	320m	0.40	ng/ul	-0.15
2) Naphthalene-d8	10.49	136	1086m	0.40	ng/ul	-0.06
6) Acenaphthene-d10	14.30	164	653m	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.06	188	1425m	0.40	ng/ul	-0.05
16) Chrysene-d12	21.26	240	1347m	0.40	ng/ul	-0.02
20) Perylene-d12	23.49	264	1323m	0.40	ng/ul	-0.02

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.10	152	60m	0.04	ng/ul	-0.05
14) Fluoranthene-d10	19.10	212	271m	0.07	ng/ul	-0.02

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.54	128	695m	0.23	ng/ul	→
5) 2-Methylnaphthalene	12.17	142	700m	0.34	ng/ul	→
7) Acenaphthylene	14.02	152	371m	0.13	ng/ul	→
12) Phenanthrene	17.09	178	2303m	0.53	ng/ul	→
13) Anthracene	17.19	178	374m	0.09	ng/ul	→
15) Fluoranthene	19.12	202	2465m	0.46	ng/ul	→
17) Pyrene	19.48	202	2888m	0.55	ng/ul	→
18) Benzo(a)anthracene	21.24	228	1490m	0.34	ng/ul	→
19) Chrysene	21.29	228	2013m	0.42	ng/ul	→
21) Benzo(b)fluoranthene	22.83	252	2582m	0.50	ng/ul	→
22) Benzo(k)fluoranthene	22.86	252	644m	0.13	ng/ul	→
23) Benzo(a)pyrene	23.40	252	1571m	0.33	ng/ul	→
24) Indeno(1,2,3-cd)pyrene	25.76	276	1087m	0.19	ng/ul	→
26) Benzo(g,h,i)perylene	26.45	276	1267m	0.26	ng/ul	→

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

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