

Quantitation Report (Qedit)

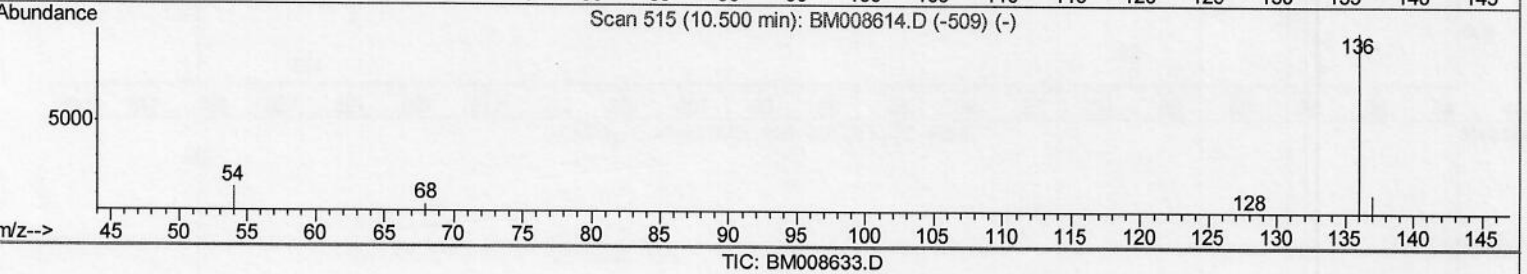
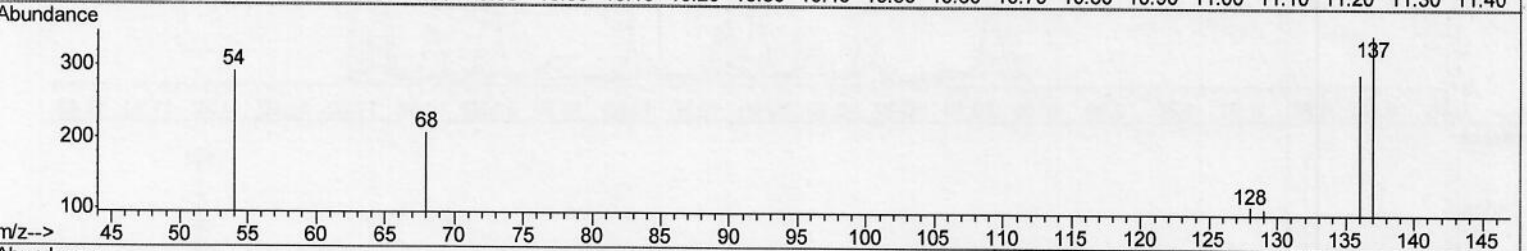
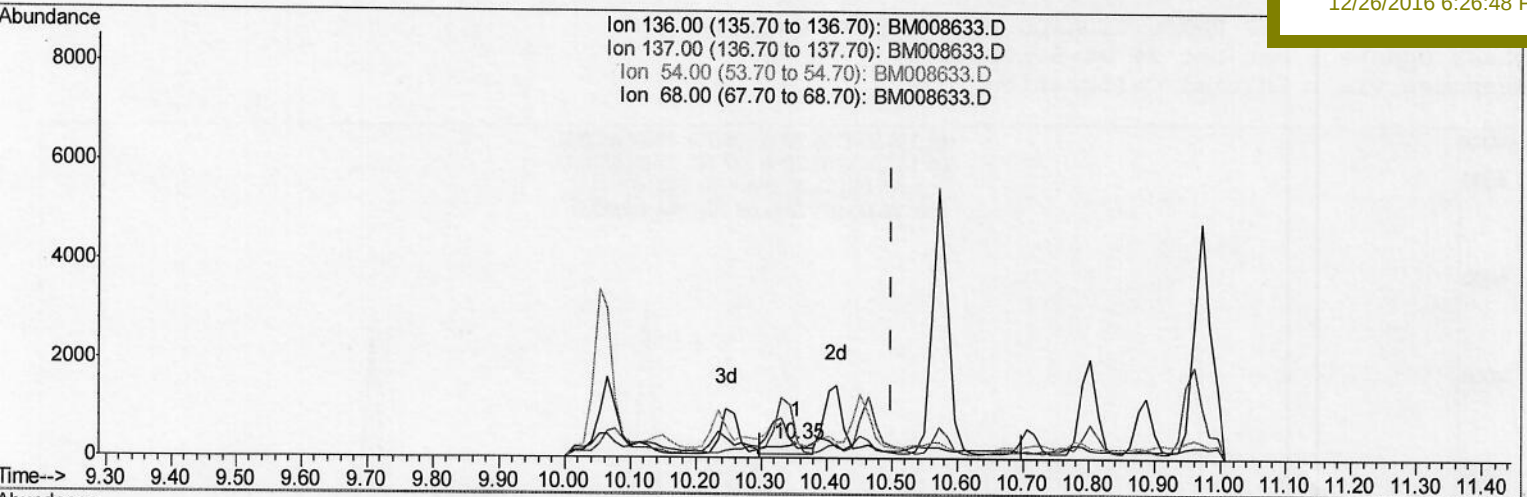
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008633.D
 Acq On : 24 Dec 2016 15:16
 Operator : UM/SJ
 Sample : H5995-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 DA863

Quant Time: Dec 25 06:18:35 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 04:56:03 2016
 Response via : Initial Calibration

Manual Integrations
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(2) Naphthalene-d8 (I)
 10.355min (-0.145) 0.40ng/ul
 response 757

Ion	Exp%	Act%
136.00	100	100
137.00	13.90	118.43#
54.00	15.50	99.66#
68.00	9.90	70.99#

Quantitation Report (Qedit)

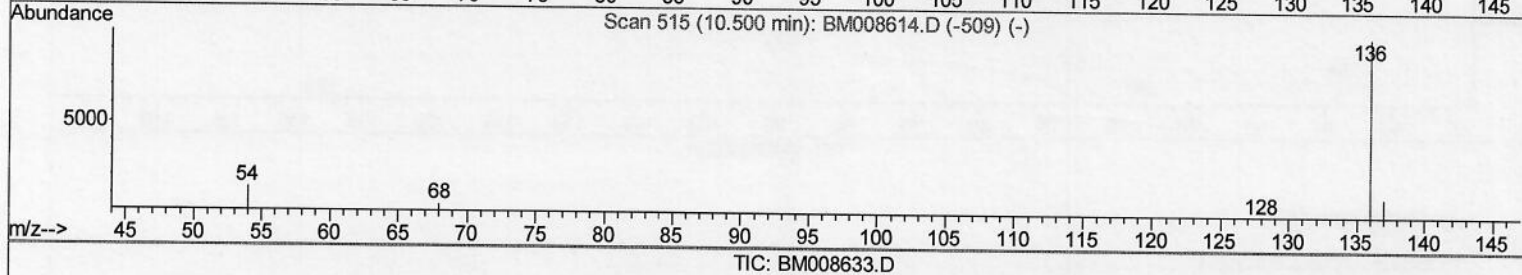
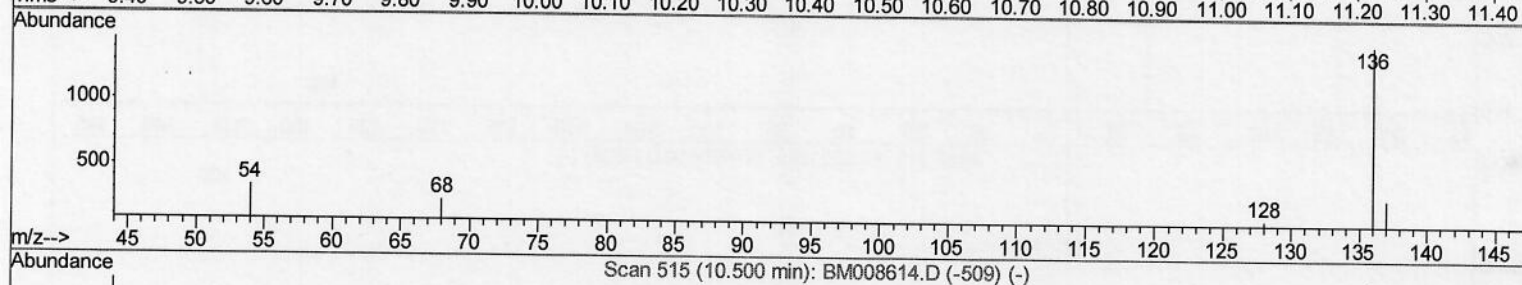
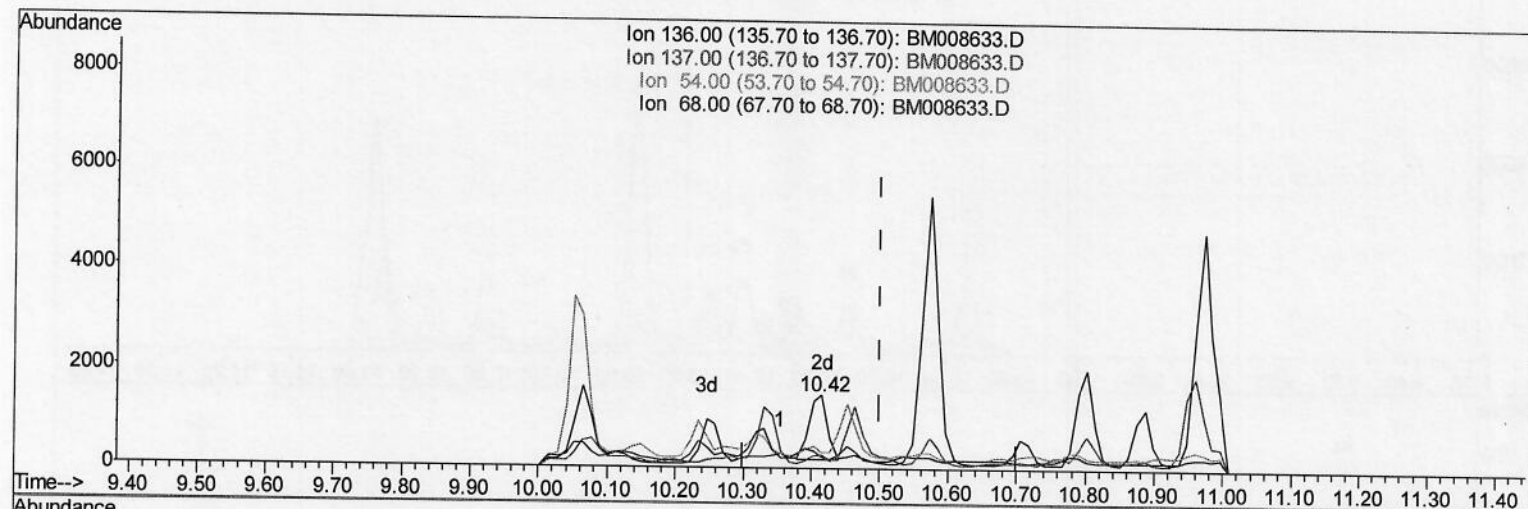
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
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(2) Naphthalene-d8 (I)

10.415min (-0.085) 0.40ng/ul m

response 2392

Ion	Exp%	Act%
136.00	100	100
137.00	13.90	18.48#
54.00	15.50	22.69#
68.00	9.90	15.63#

S.S.
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Quantitation Report (Qedit)

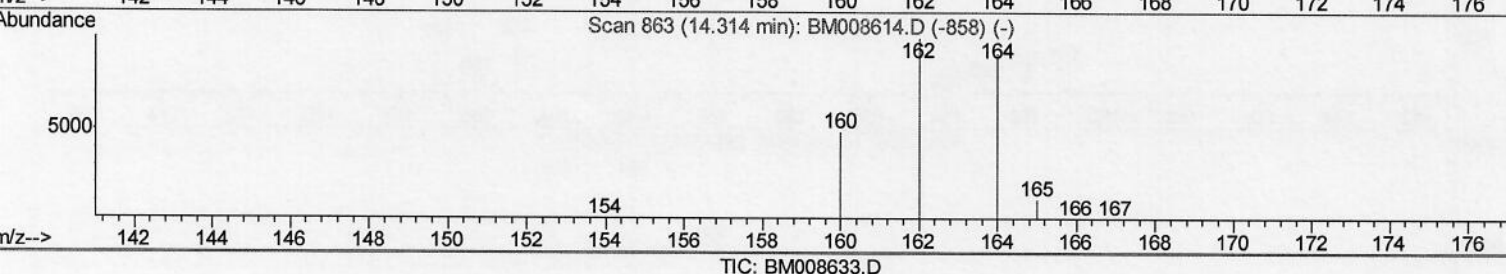
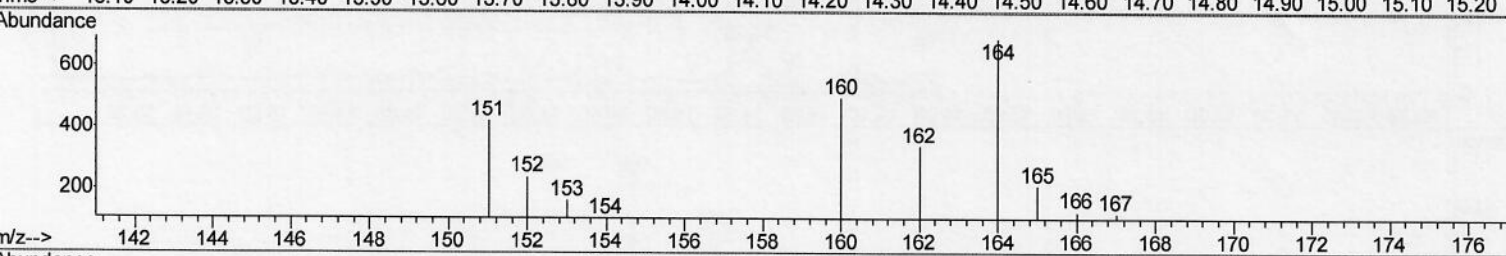
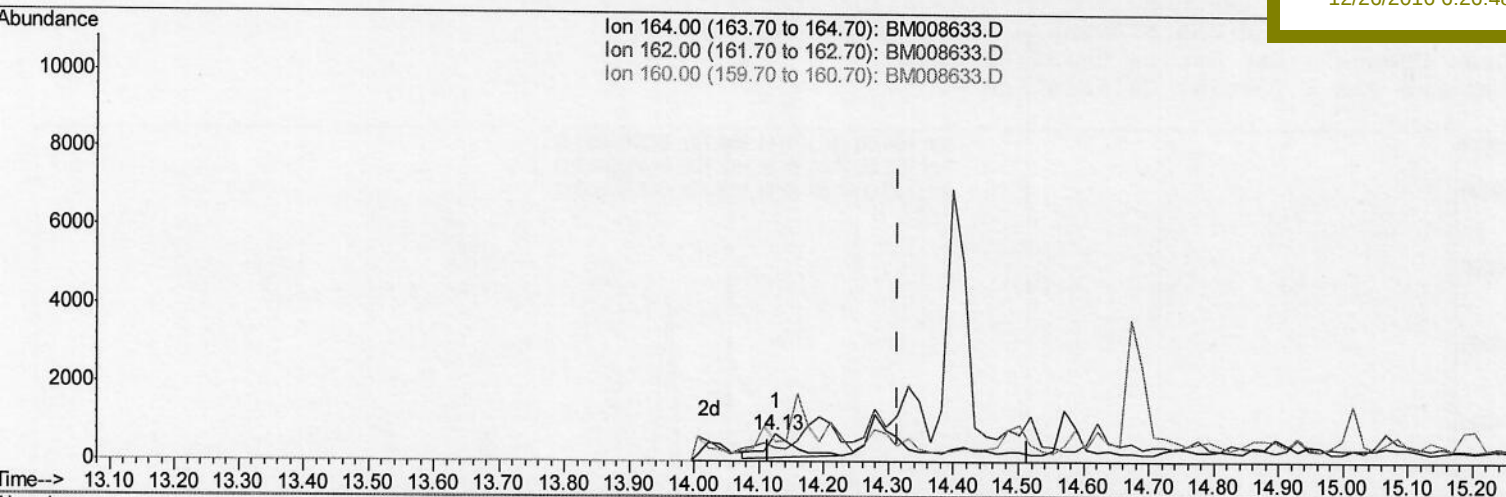
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Data File : BM008633.D  
Acq On : 24 Dec 2016 15:16  
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Sample : H5995-02  
Misc :  
ALS Vial : 38 Sample Multiplier: 1
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(6) Acenaphthene-d10 (I)

14.126min (-0.188) 0.40ng/ul

response 1873

Ion	Exp%	Act%
164.00	100	100
162.00	98.60	49.13#
160.00	48.80	72.25#
0.00	0.00	0.00

Quantitation Report (Qedit)

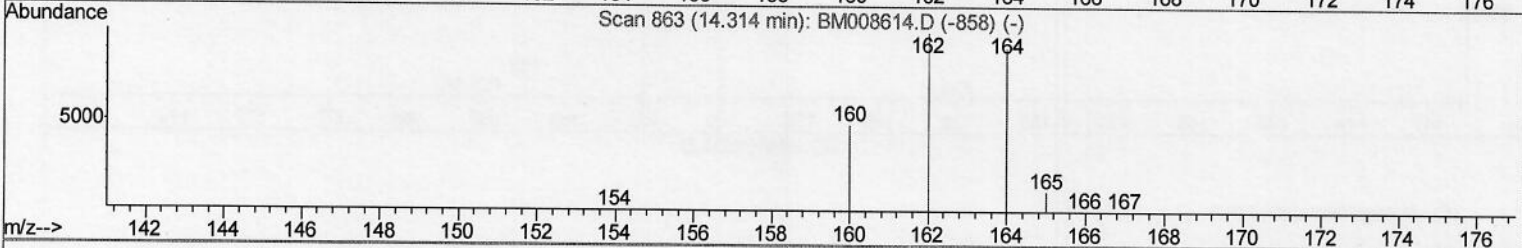
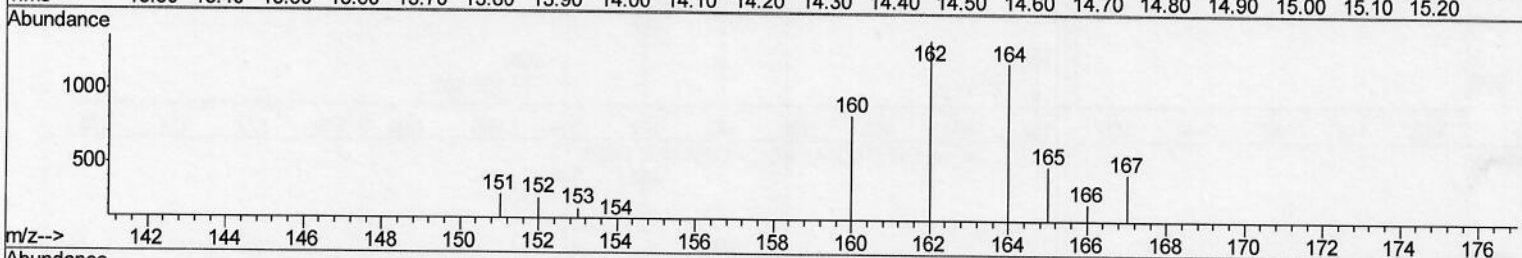
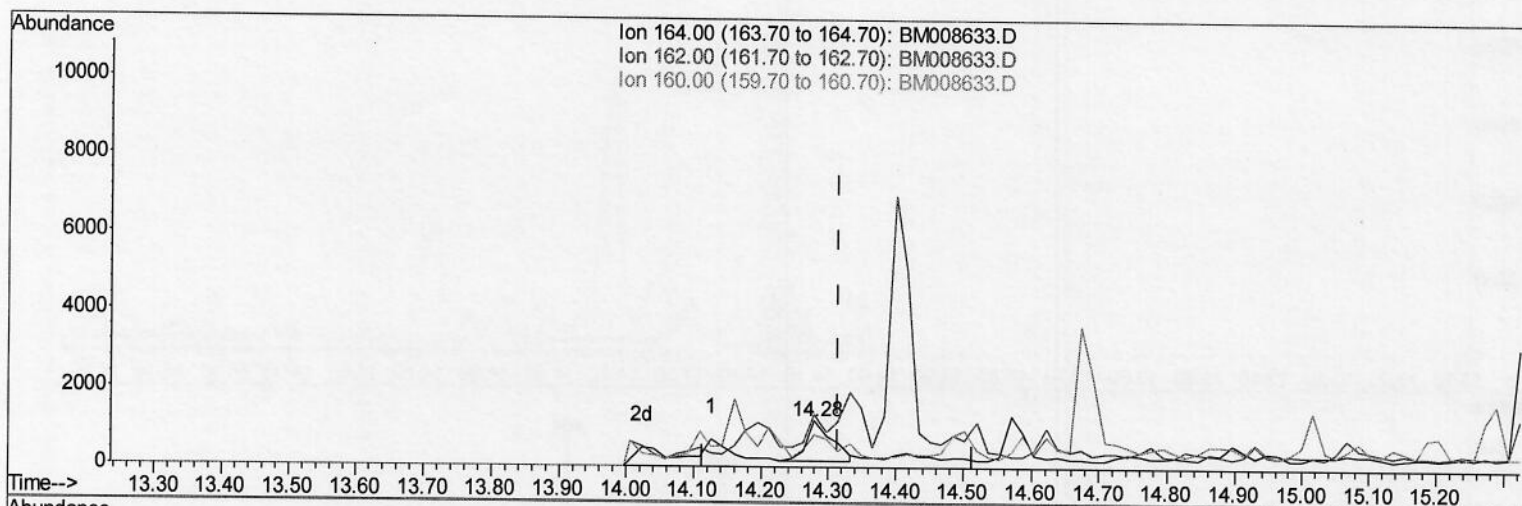
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(6) Acenaphthene-d10 (I)

14.280min (-0.034) 0.40ng/ul m

response 2796

Ion Exp% Act%

164.00 100 100

162.00 98.60 112.46

160.00 48.80 69.44#

0.00 0.00 0.00

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Quantitation Report (Qedit)

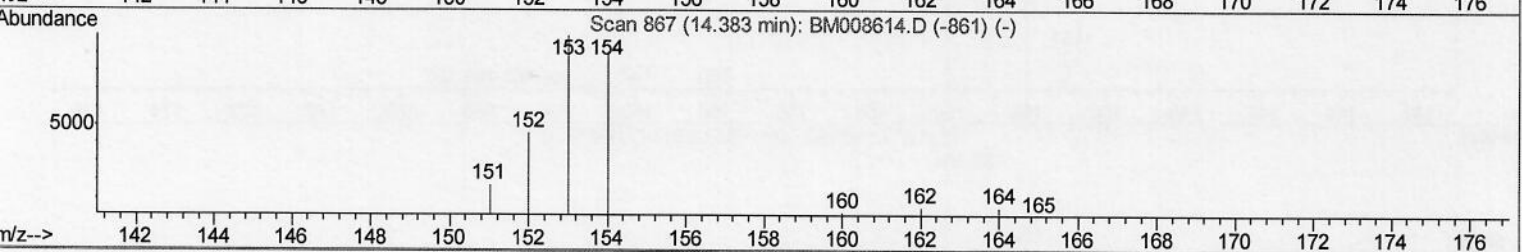
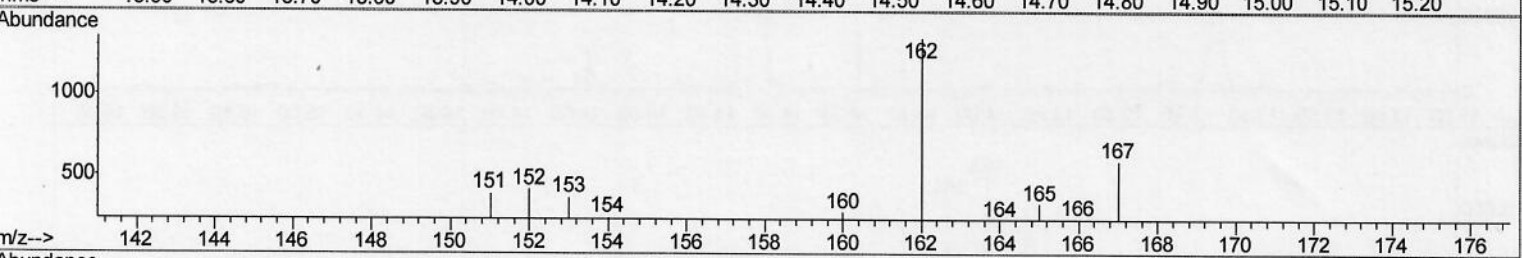
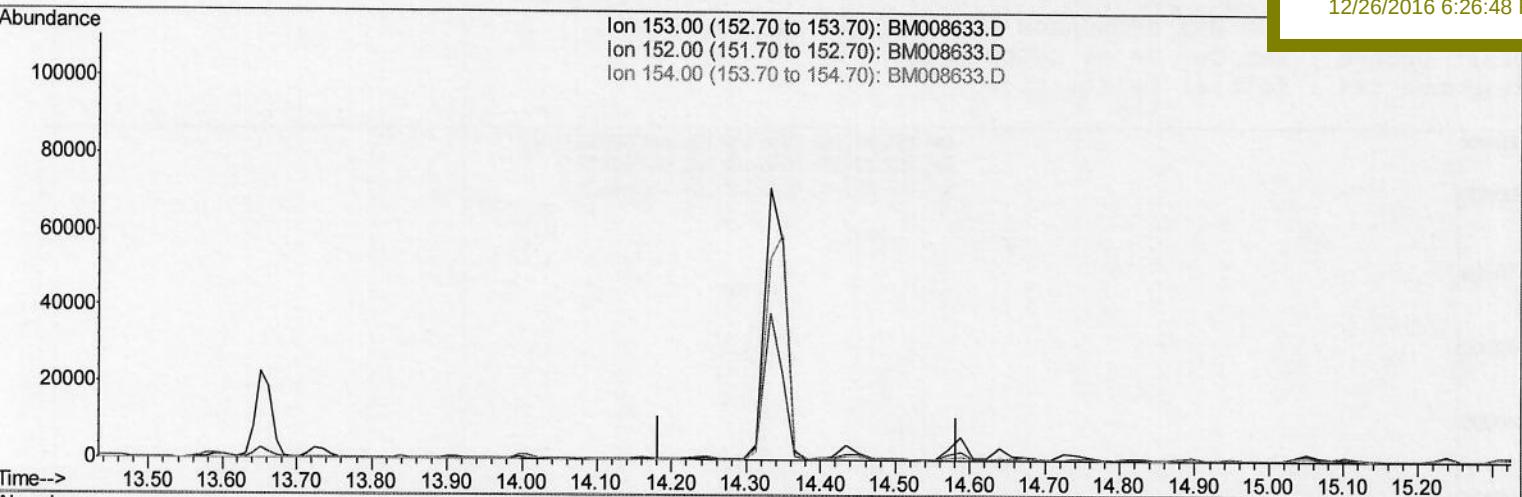
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TIC: BM008633.D

(8) Acenaphthene (C)

14.383min (-14.383) 0.00ng/ul

response 0

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

Quantitation Report (Qedit)

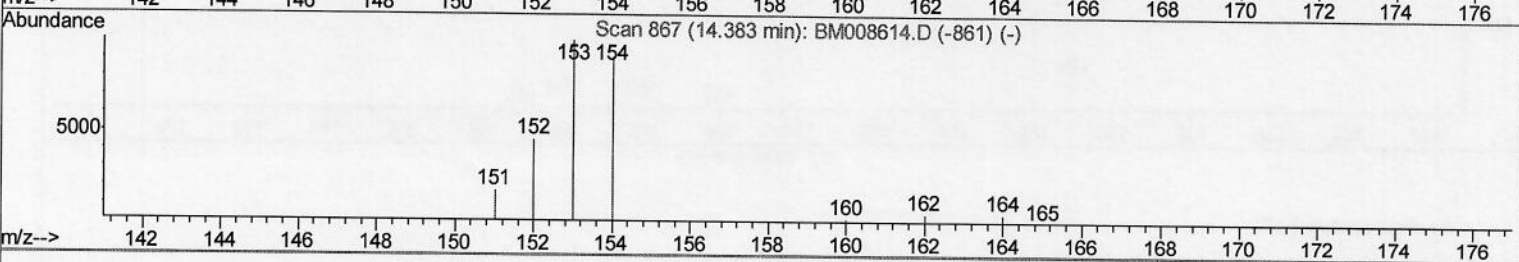
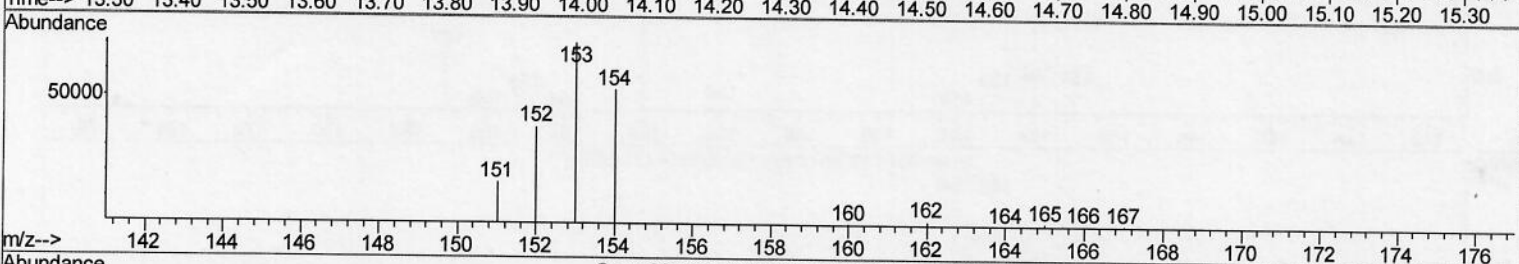
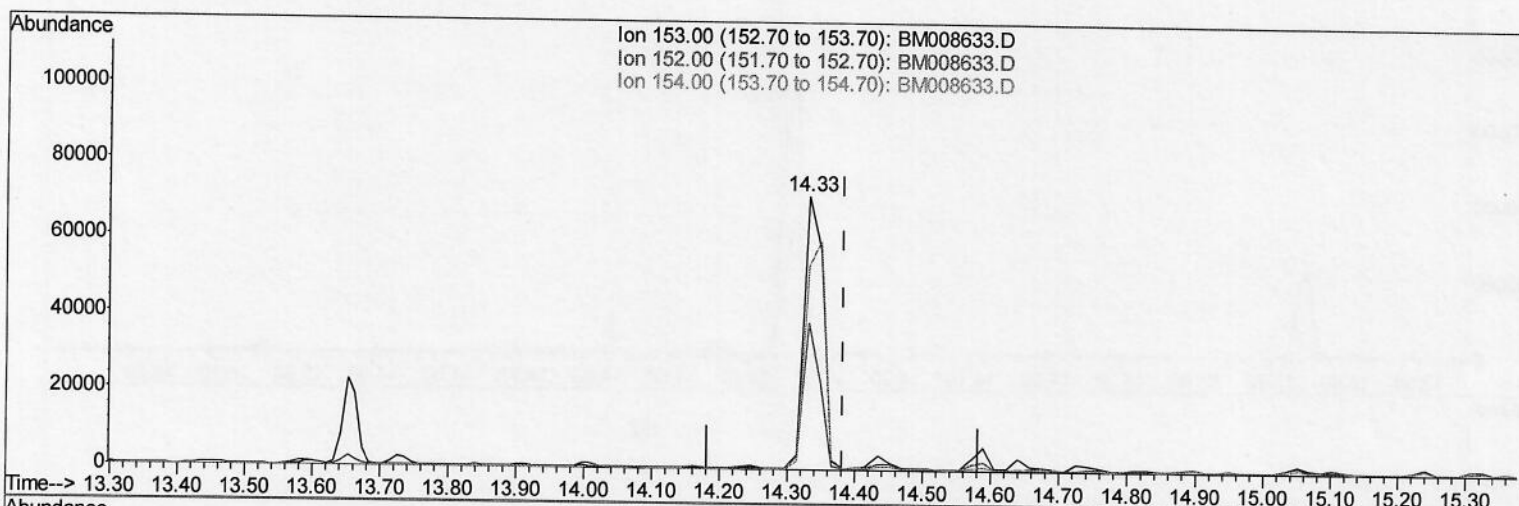
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008633.D
 Acq On : 24 Dec 2016 15:16
 Operator : UM/SJ
 Sample : H5995-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual Integrations
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TIC: BM008633.D

(8) Acenaphthene (C)

14.331min (-0.051) 14.59ng/ul m

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response 138807

Ion	Exp%	Act%
153.00	100	100
152.00	50.40	53.92
154.00	89.30	74.77
0.00	0.00	0.00

Quantitation Report (Qedit)

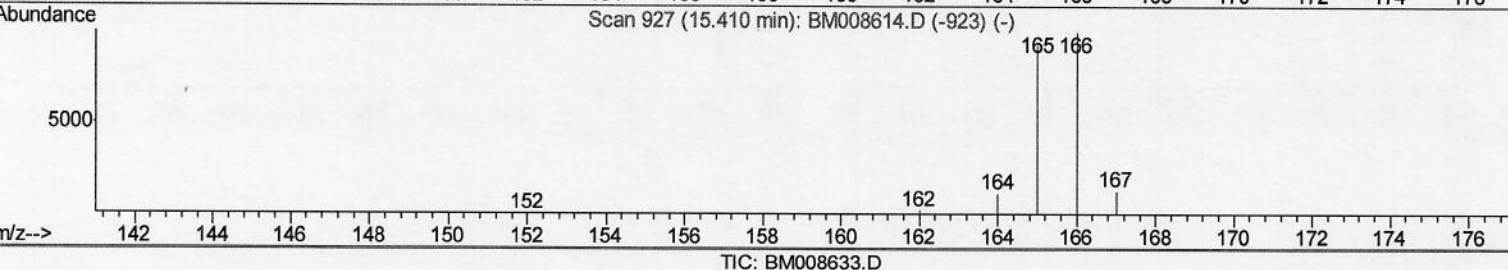
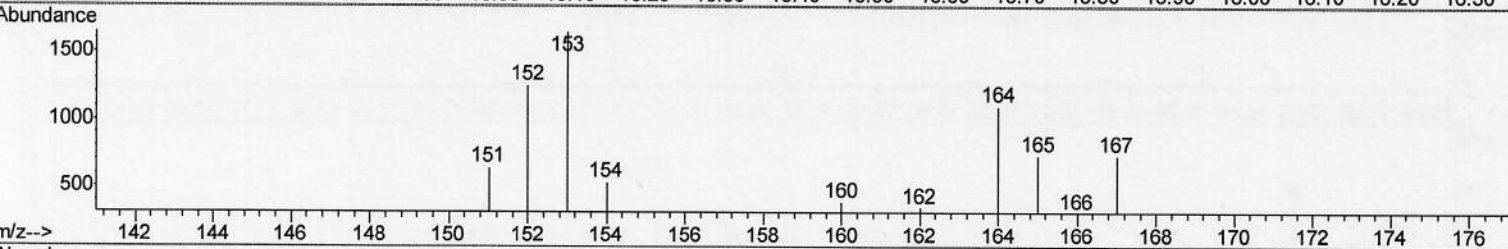
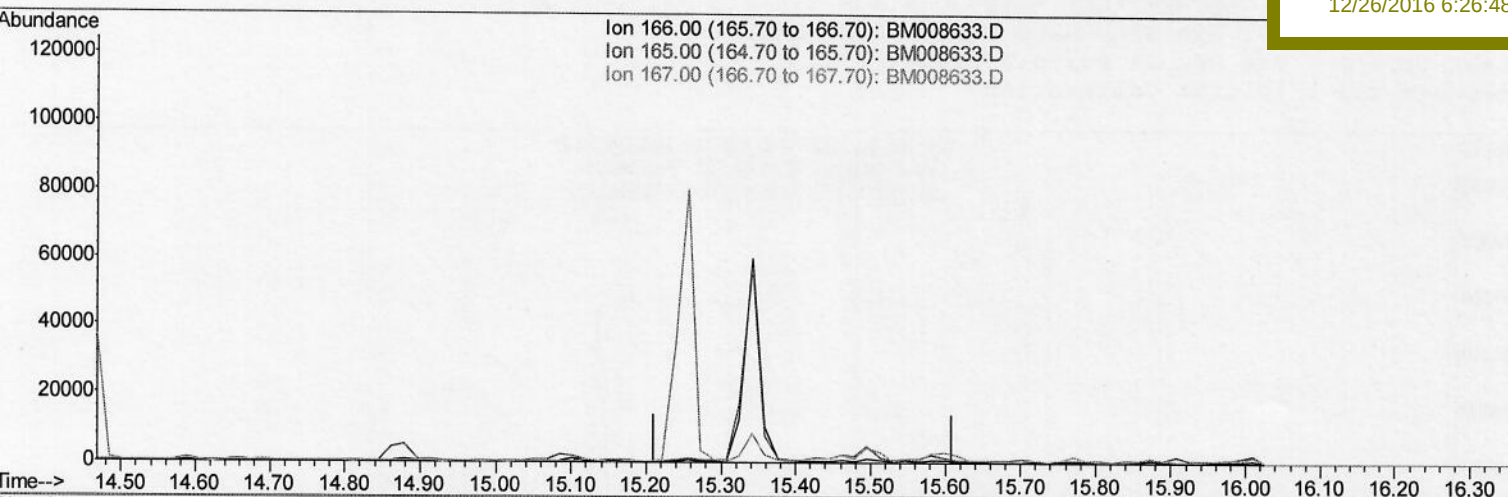
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 Sample : H5995-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

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(9) Fluorene

15.410min (-15.410) 0.00ng/ul

response 0

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

Quantitation Report (Qedit)

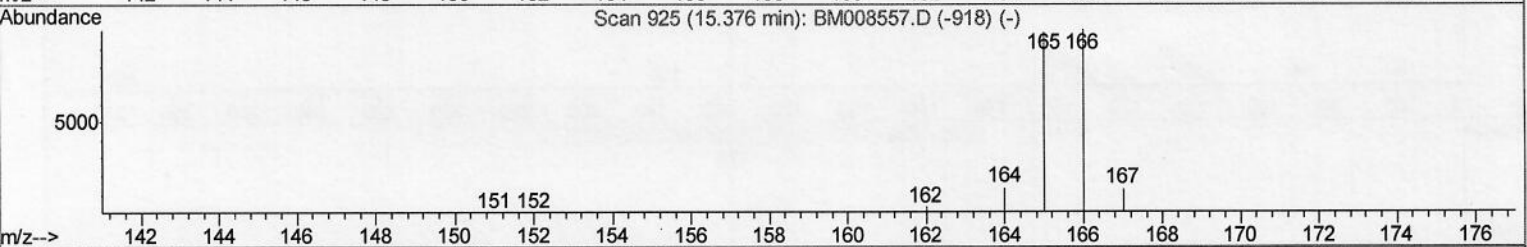
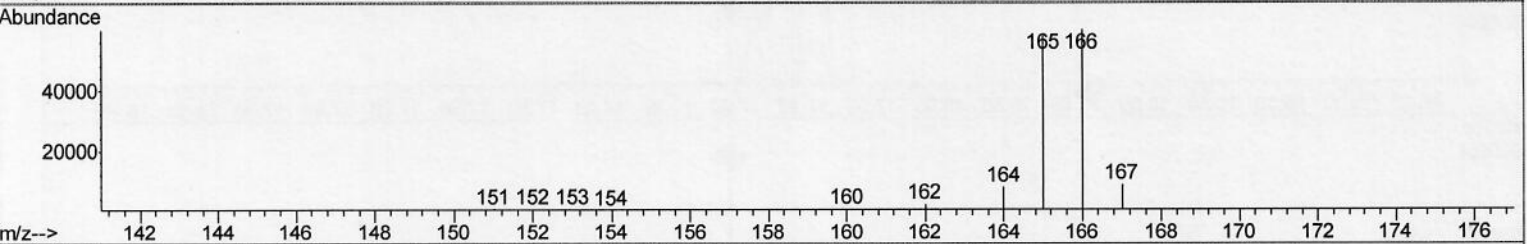
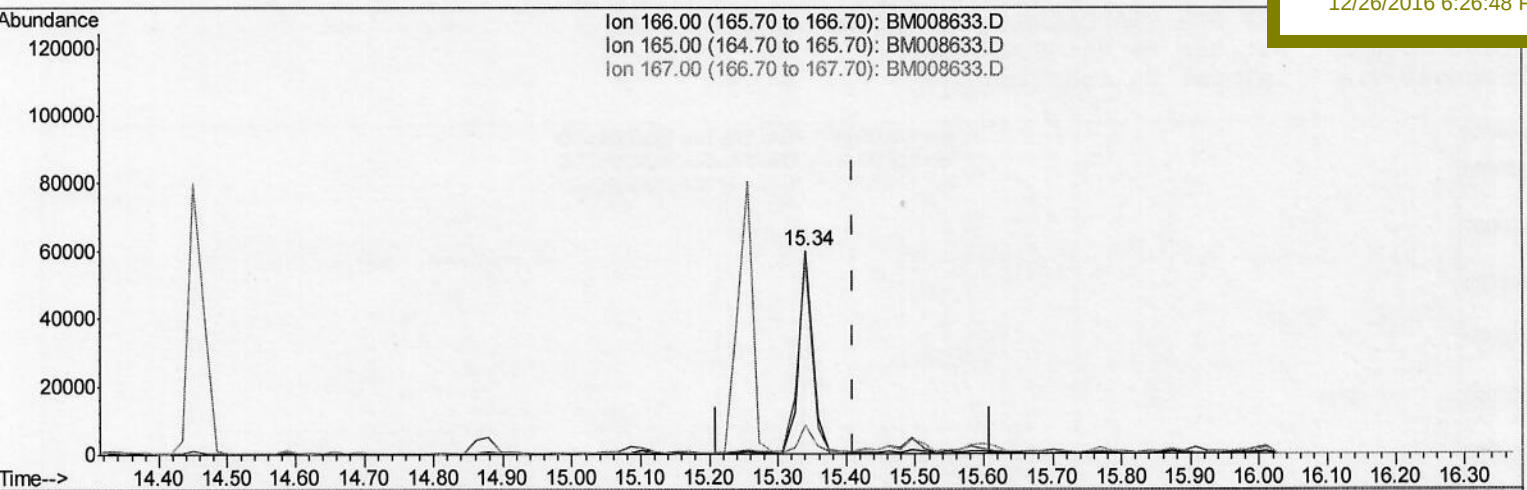
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 Sample : H5995-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
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 DA863

Manual Integrations
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Quant Time: Dec 26 13:55:48 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
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TIC: BM008633.D

(9) Fluorene

15.342min (-0.069) 7.84ng/ul m

response 85113

Ion	Exp%	Act%
166.00	100	100
165.00	91.80	96.39
167.00	18.30	14.28#
0.00	0.00	0.00

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Quantitation Report (Qedit)

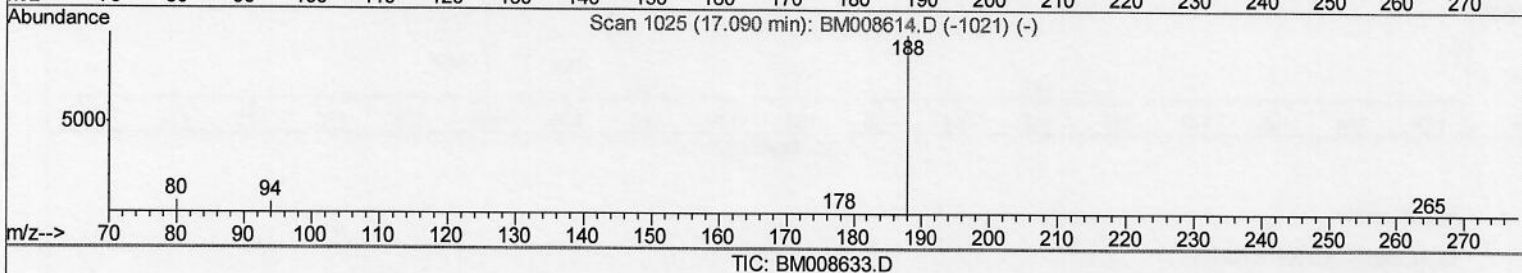
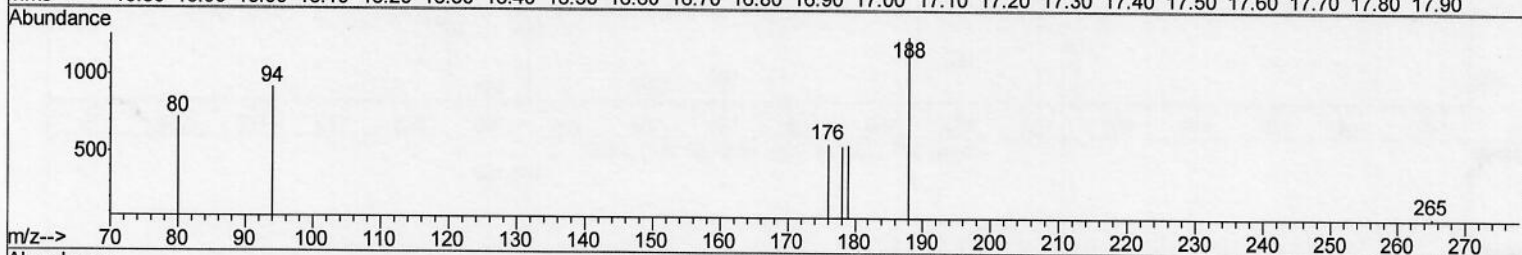
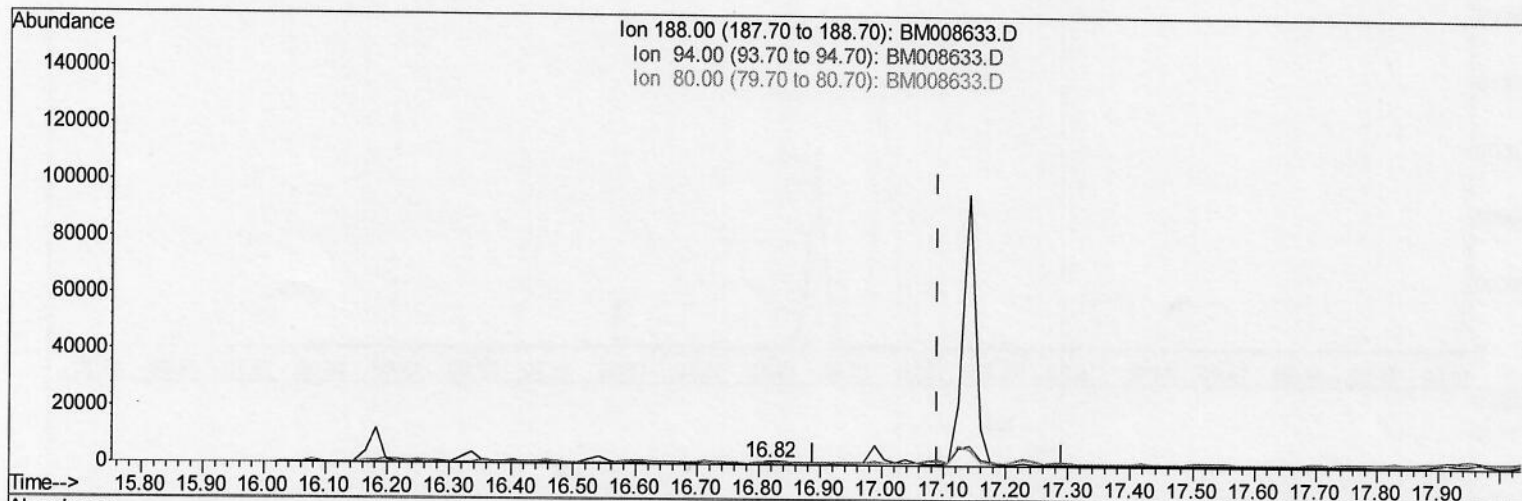
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008633.D
 Acq On : 24 Dec 2016 15:16
 Operator : UM/SJ
 Sample : H5995-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 DA863

Manual Integrations
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TIC: BM008633.D

(10) Phenanthrene-d10 (I)
 16.816min (-0.274) 0.40ng/ul
 response 5483

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	72.92#
80.00	11.80	57.51#
0.00	0.00	0.00

Quantitation Report (Qedit)

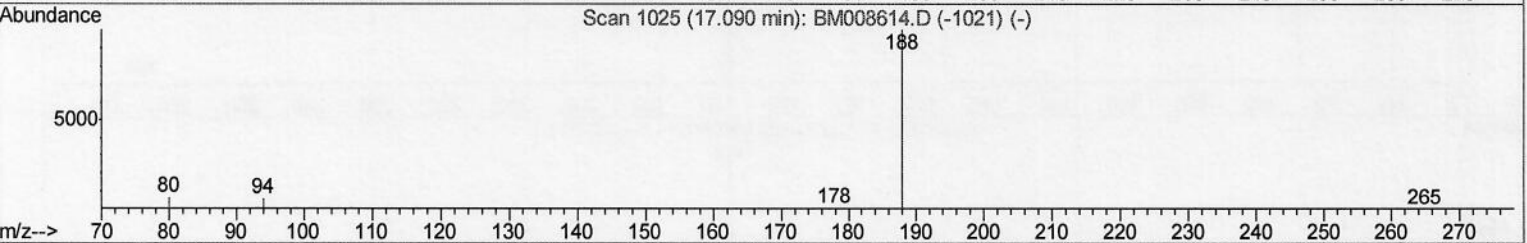
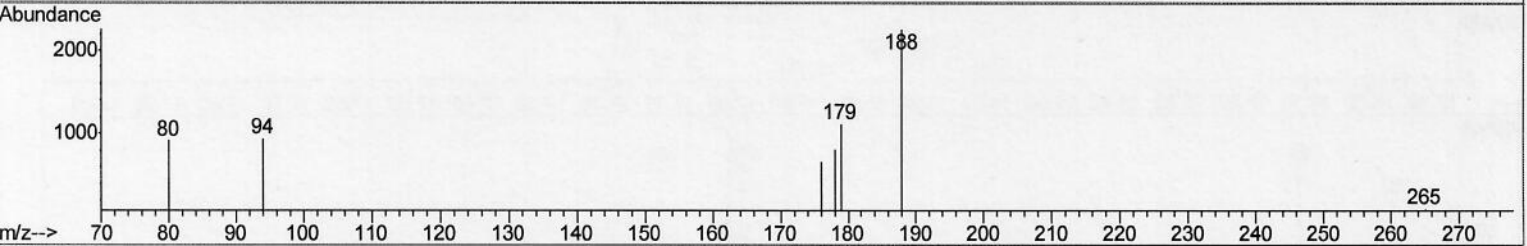
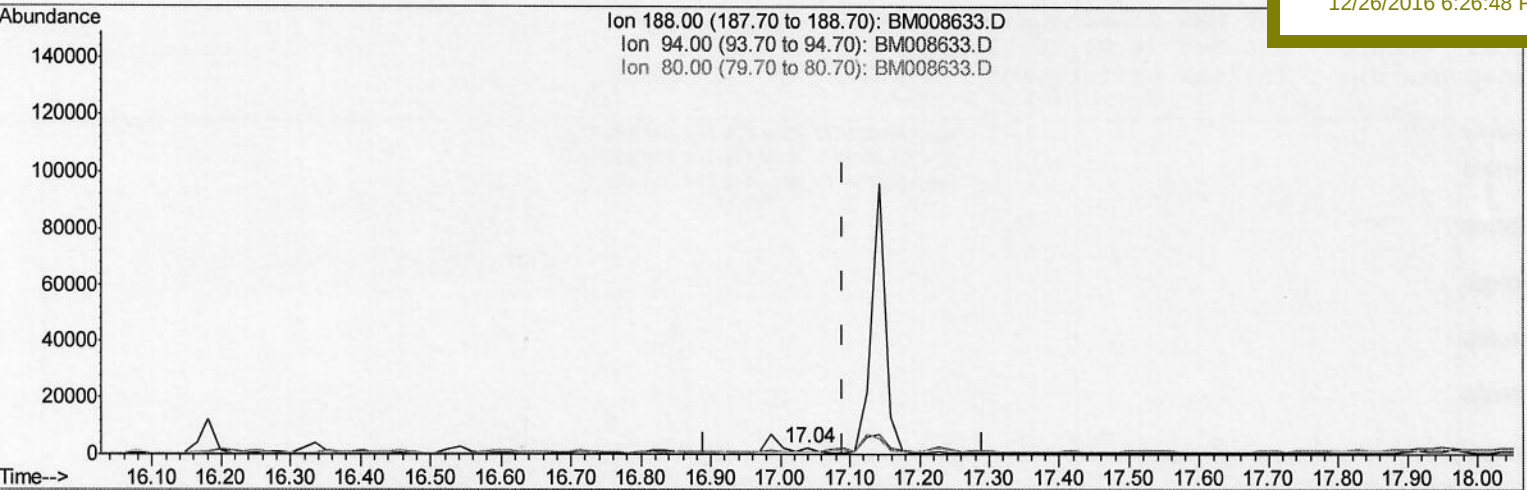
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 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
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 DA863

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TIC: BM008633.D

(10) Phenanthrene-d10 (I)

17.039min (-0.051) 0.40ng/ul m

response 1788

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	41.46#
80.00	11.80	40.26#
0.00	0.00	0.00

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Quantitation Report (Qedit)

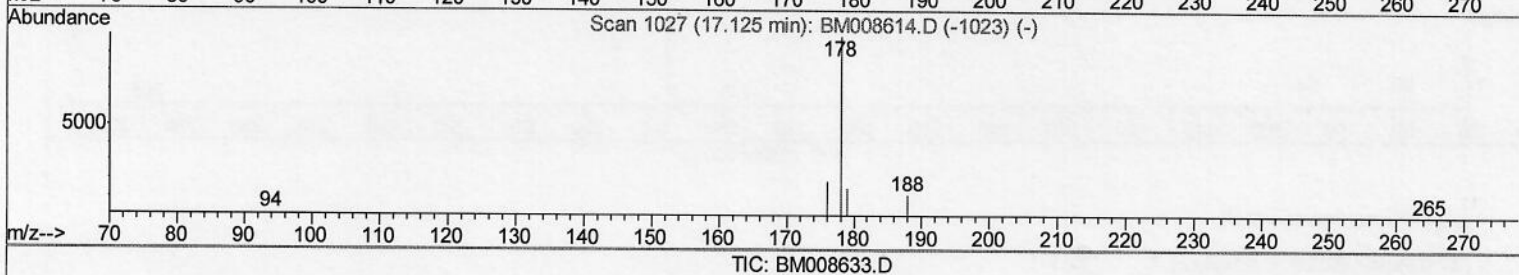
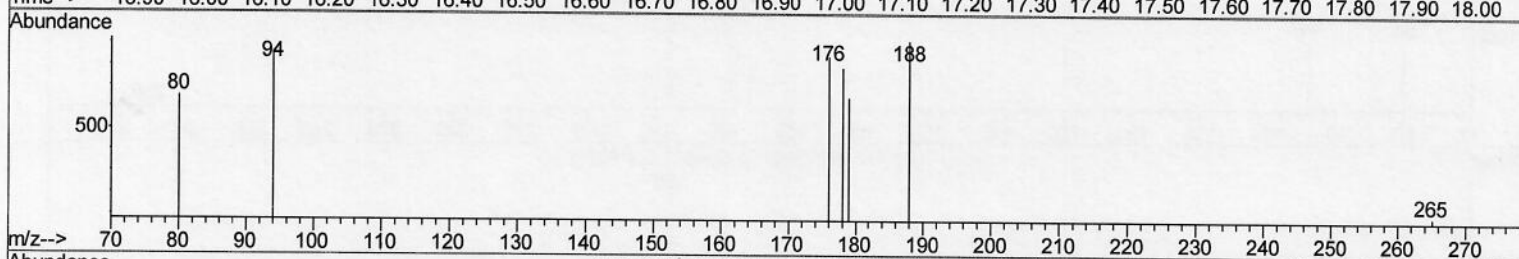
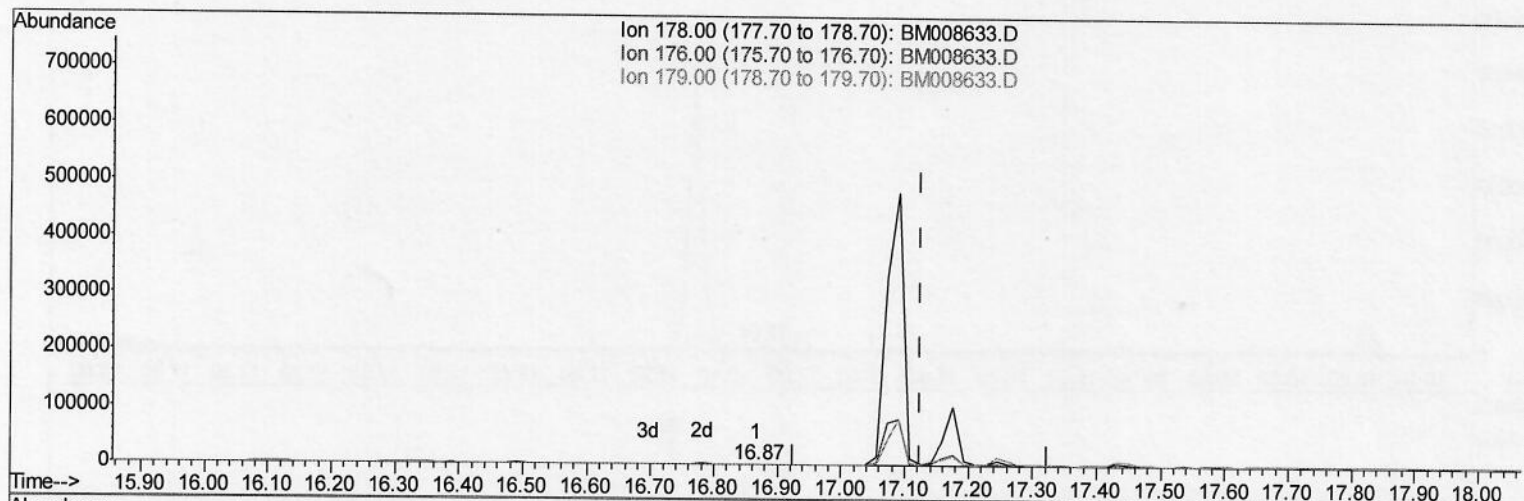
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(12) Phenanthrene

16.867min (-0.257) 0.13ng/ul

response 710

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	106.81#
179.00	17.00	82.22#
0.00	0.00	0.00

Quantitation Report (Qedit)

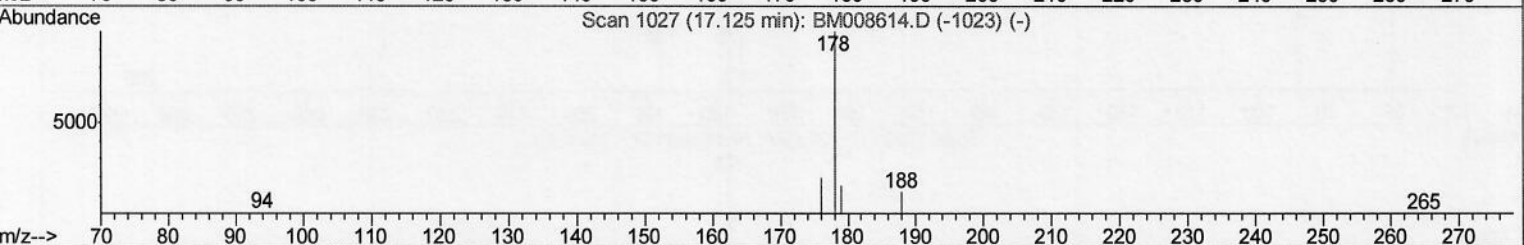
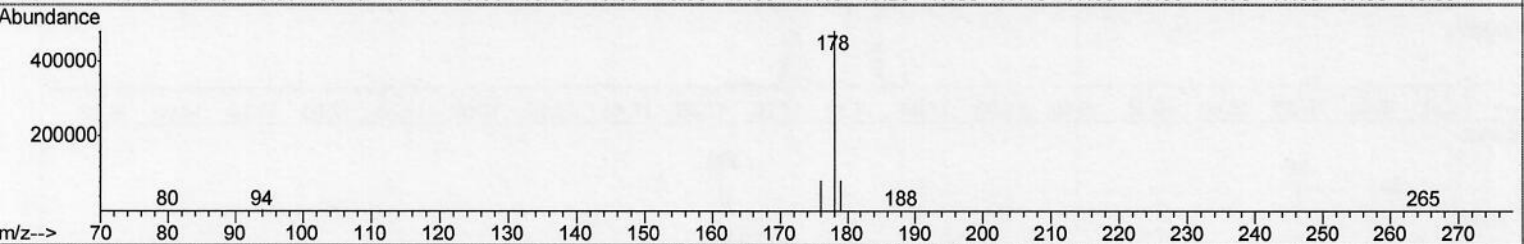
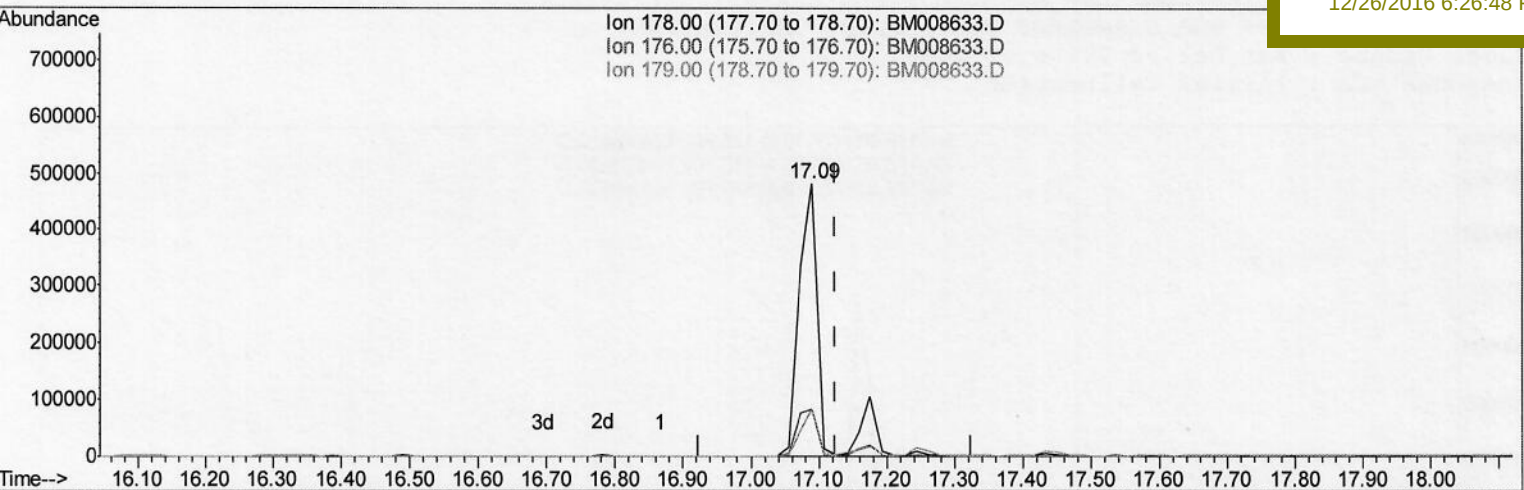
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(12) Phenanthrene

17.090min (-0.034) 159.03ng/ul m $\int$ S.J.
12/27/2016

response 868338

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	17.37#
179.00	17.00	17.45
0.00	0.00	0.00

Quantitation Report (Qedit)

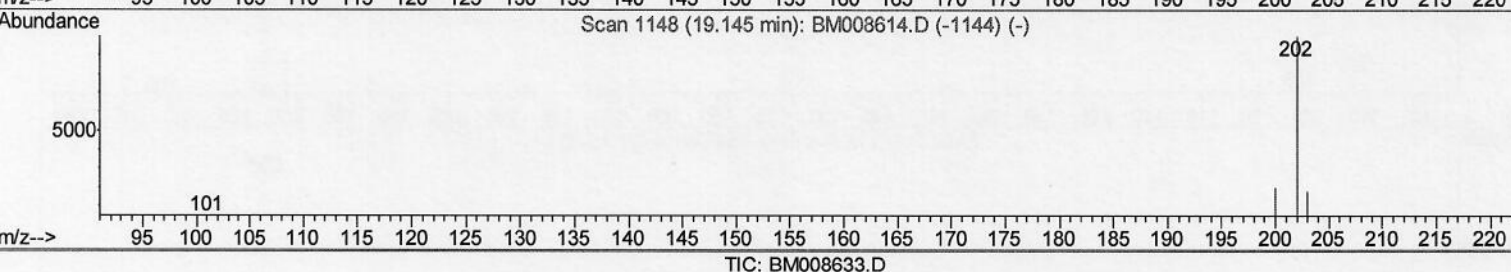
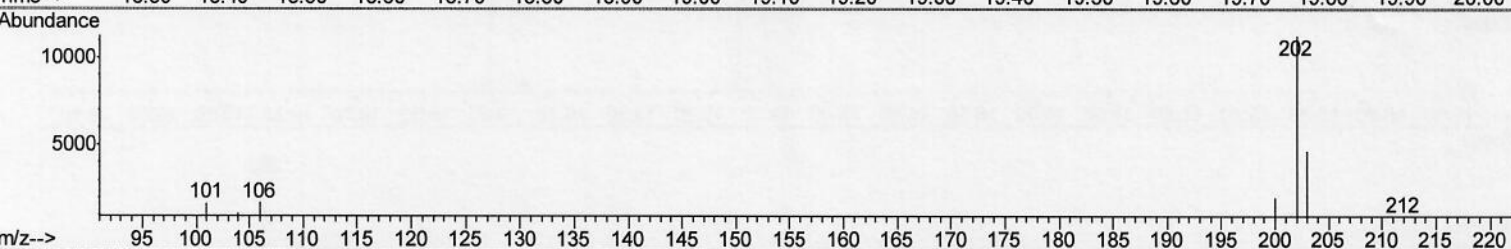
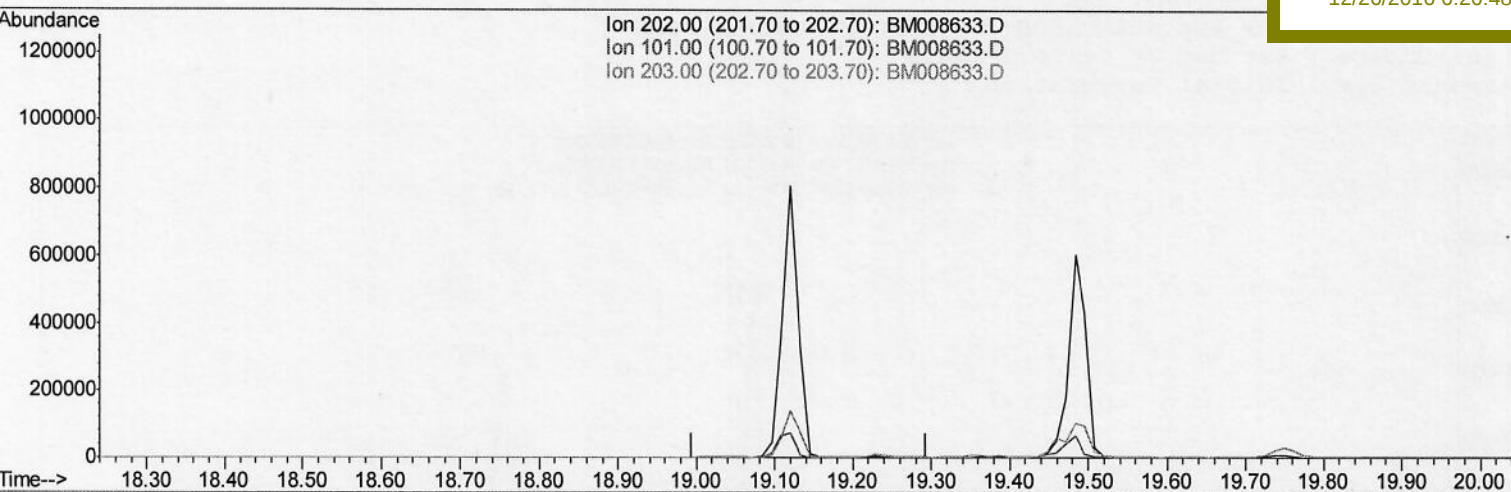
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(15) Fluoranthene (C)

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)

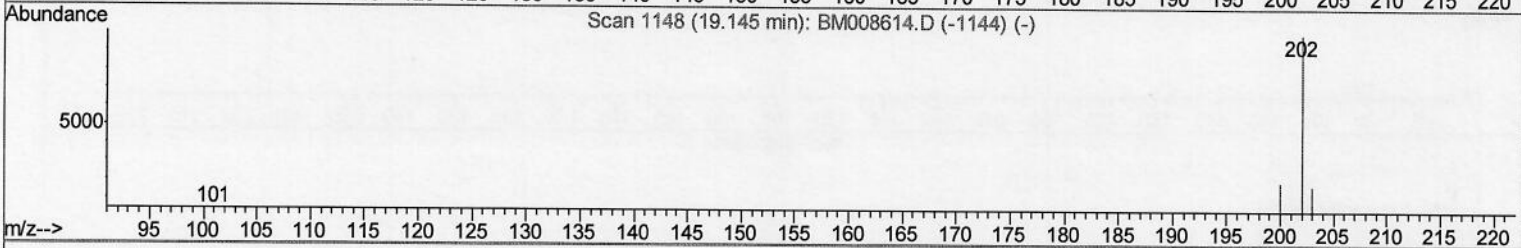
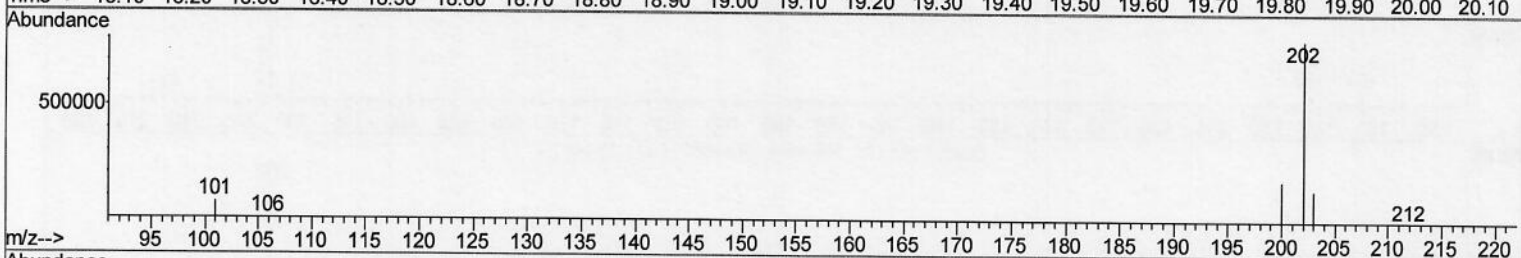
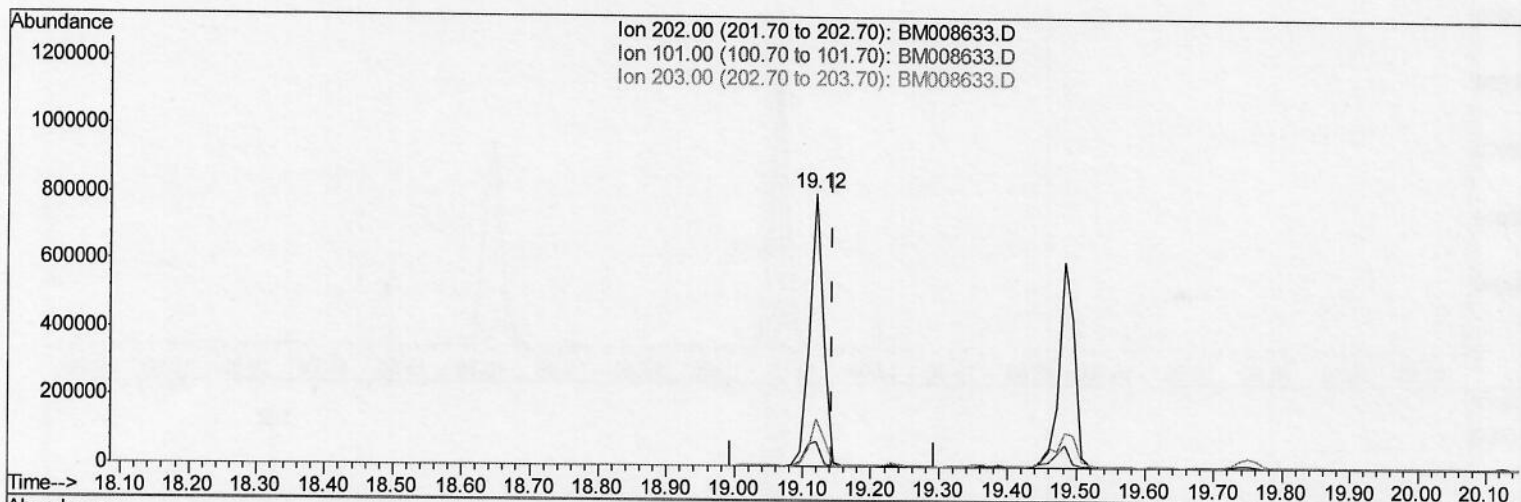
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 12/26/2016 6:26:48 PM

Quant Time: Dec 25 06:21:27 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 04:56:03 2016
 Response via : Initial Calibration



TIC: BM008633.D

(15) Fluoranthene (C)

19.120min (-0.024) 168.72ng/ul m

response 1129392

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	9.01
203.00	19.50	17.35
0.00	0.00	0.00

> 35.
 12/27/2016

Quantitation Report (Qedit)

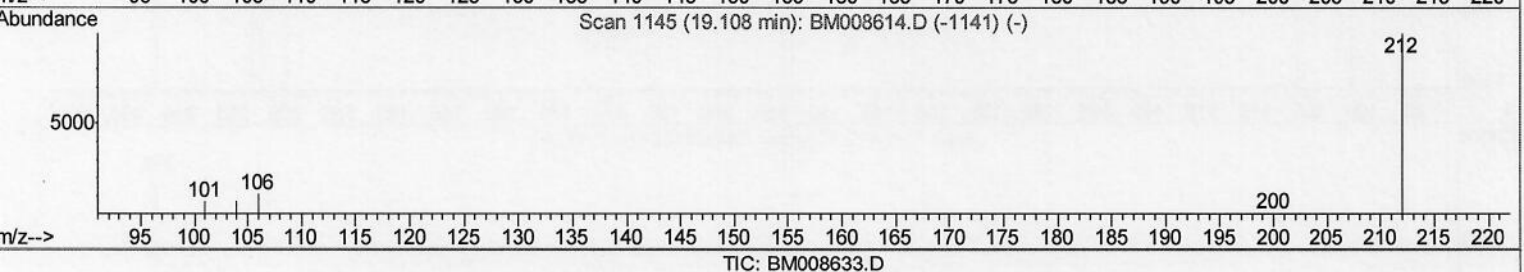
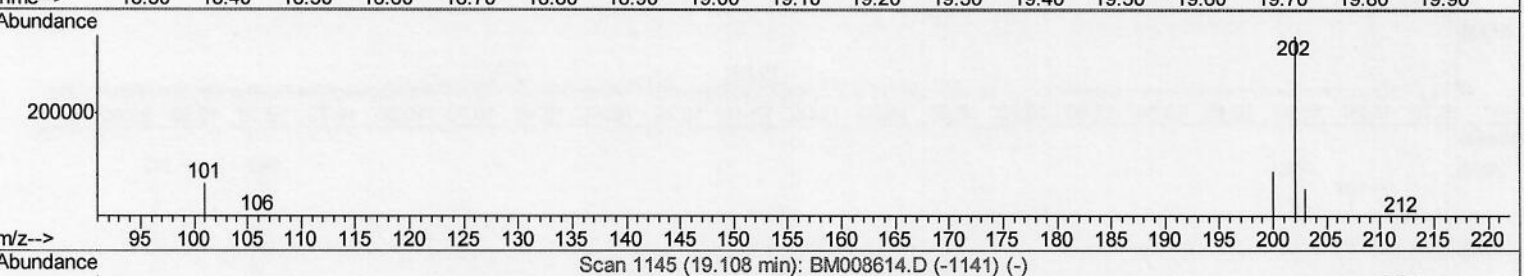
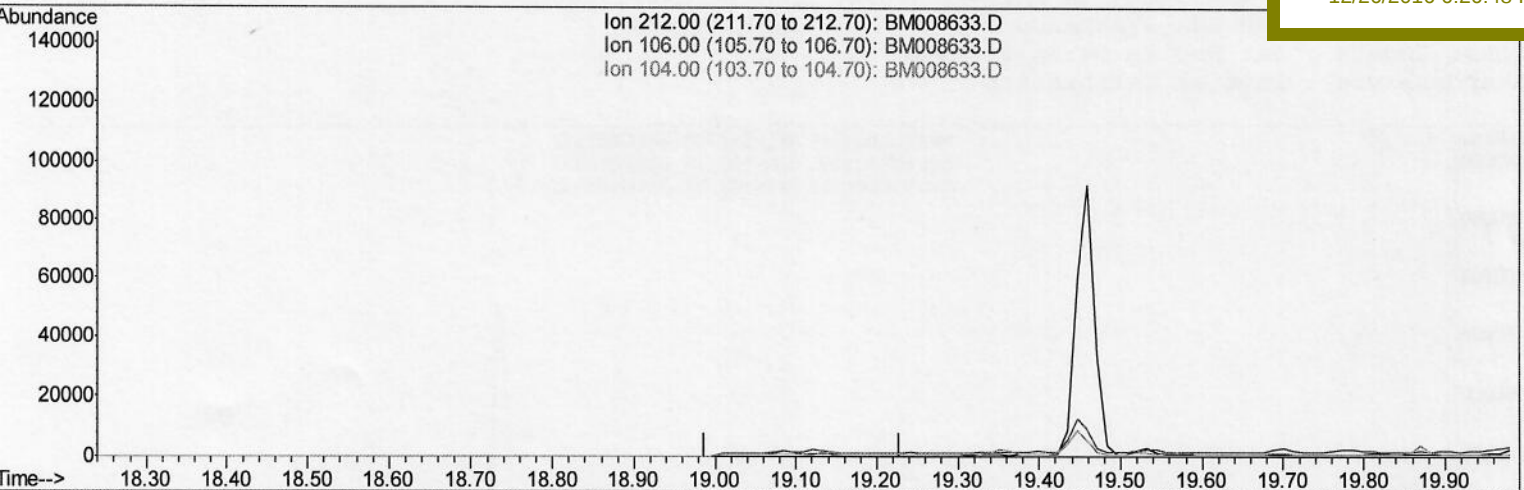
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008633.D
 Acq On : 24 Dec 2016 15:16
 Operator : UM/SJ
 Sample : H5995-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 DA863

Manual Integrations
APPROVED

sohil
 12/26/2016 6:26:48 PM

Quant Time: Dec 25 06:21:27 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 04:56:03 2016
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.108min (-19.108) 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)

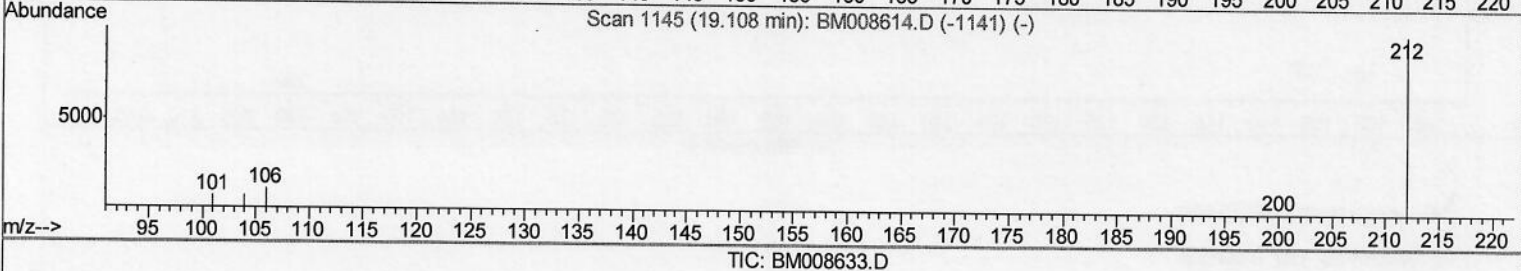
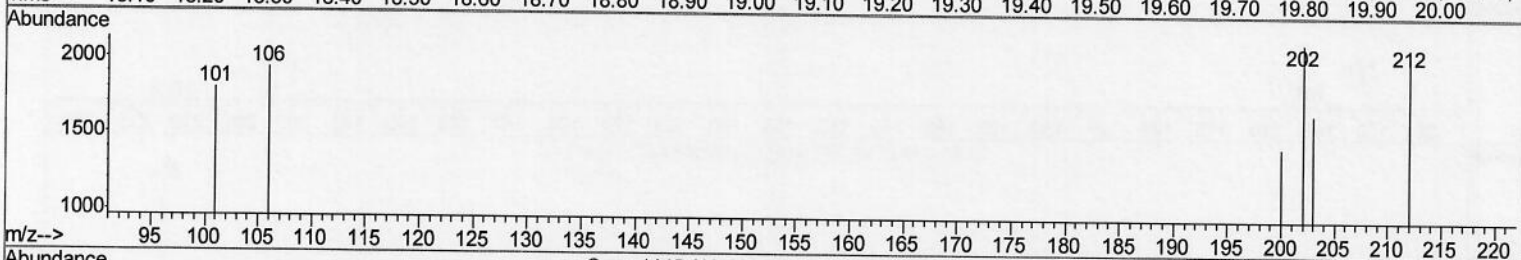
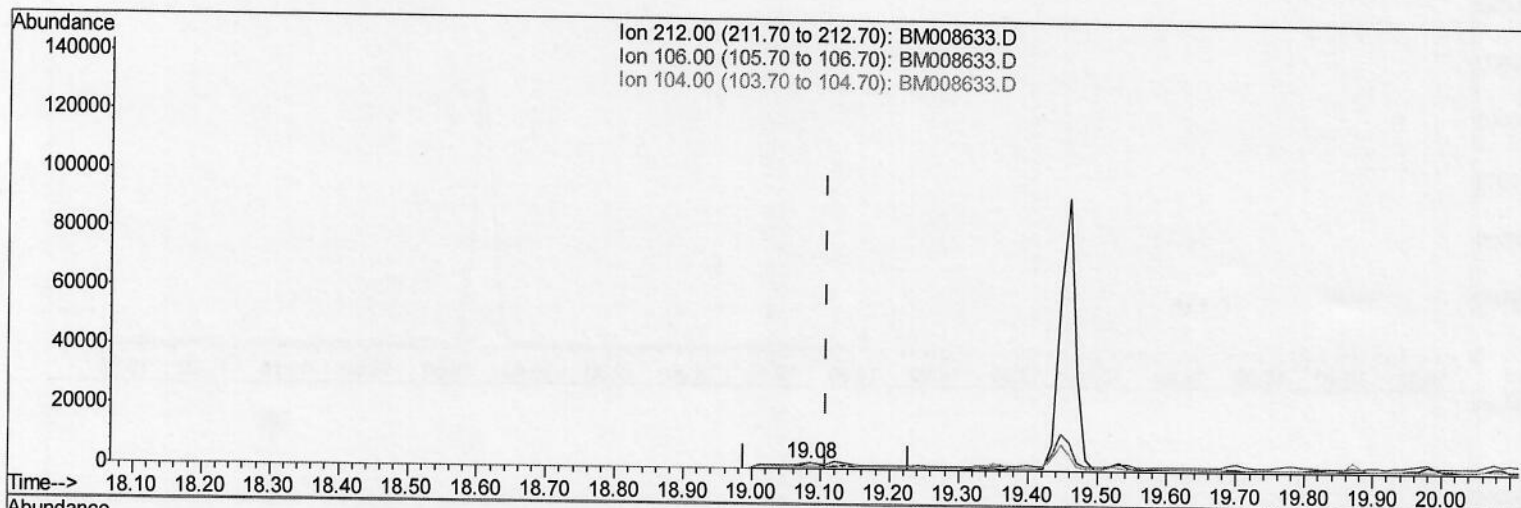
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008633.D
 Acq On : 24 Dec 2016 15:16
 Operator : UM/SJ
 Sample : H5995-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA863

Manual Integrations
 APPROVED

sohil
 12/26/2016 6:26:48 PM

Quant Time: Dec 25 06:21:27 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 04:56:03 2016
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.084min (-0.024) 0.39ng/ul m

response 1897

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

Handwritten signature: V/SJ
Handwritten date: 12/27/2016

Quantitation Report (Qedit)

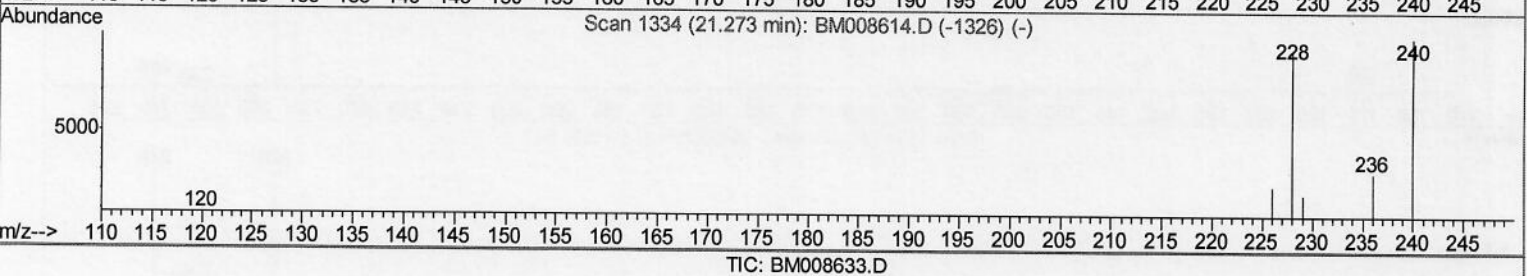
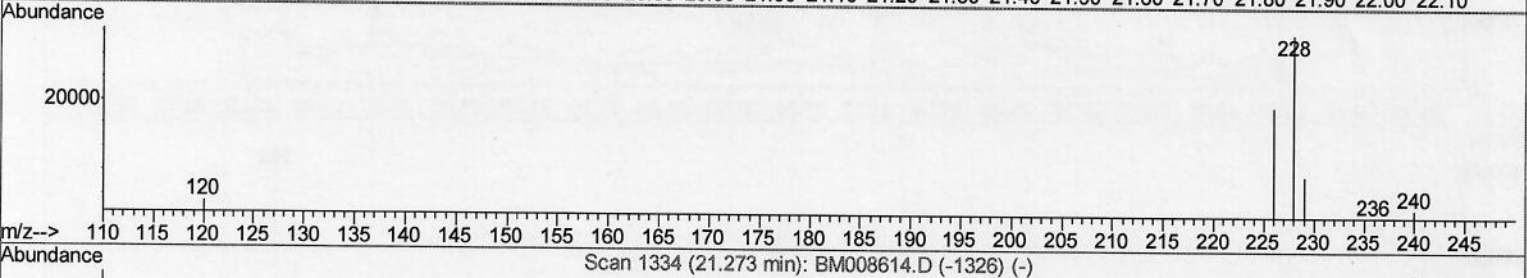
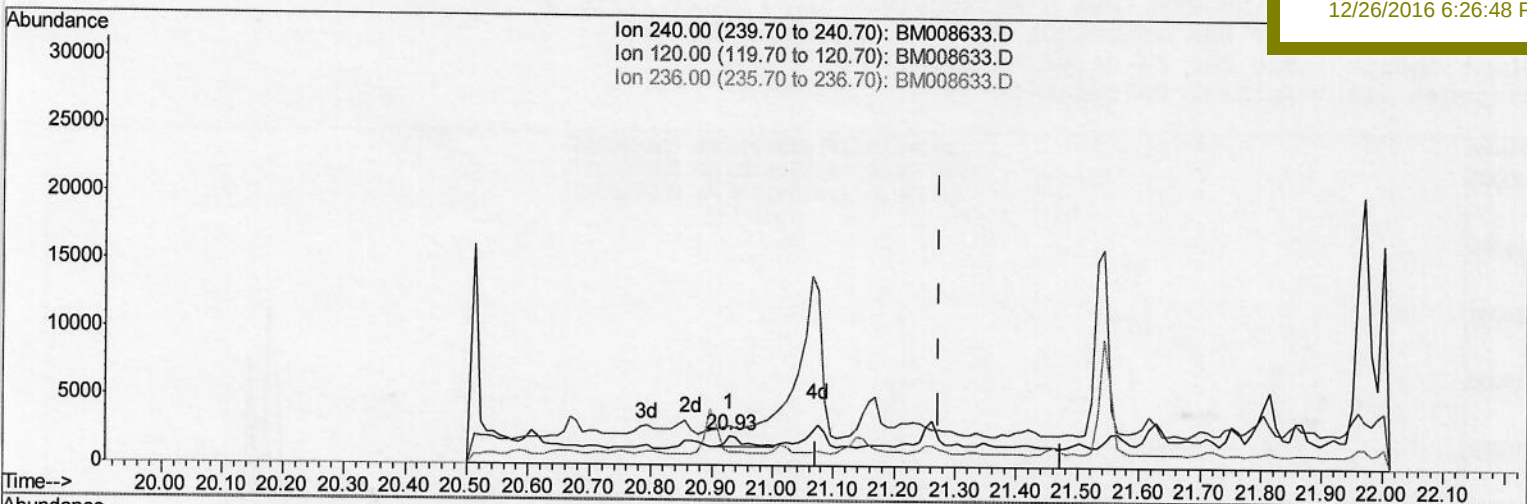
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008633.D
 Acq On : 24 Dec 2016 15:16
 Operator : UM/SJ
 Sample : H5995-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 DA863

Quant Time: Dec 25 06:21:27 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 04:56:03 2016
 Response via : Initial Calibration

Manual Integrations
APPROVED

sohil
 12/26/2016 6:26:48 PM



(16) Chrysene-d12 (I)
 20.929min (-0.344) 0.40ng/ul
 response 1973

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	129.62#
236.00	34.90	43.89#
0.00	0.00	0.00

Quantitation Report (Qedit)

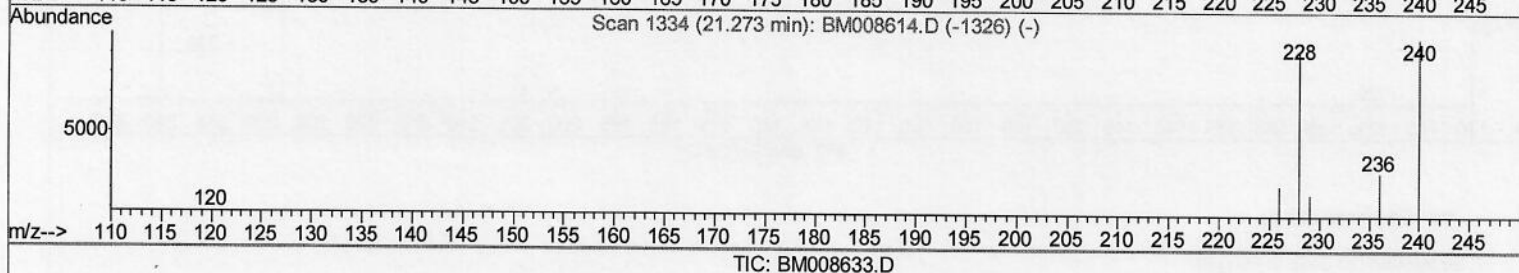
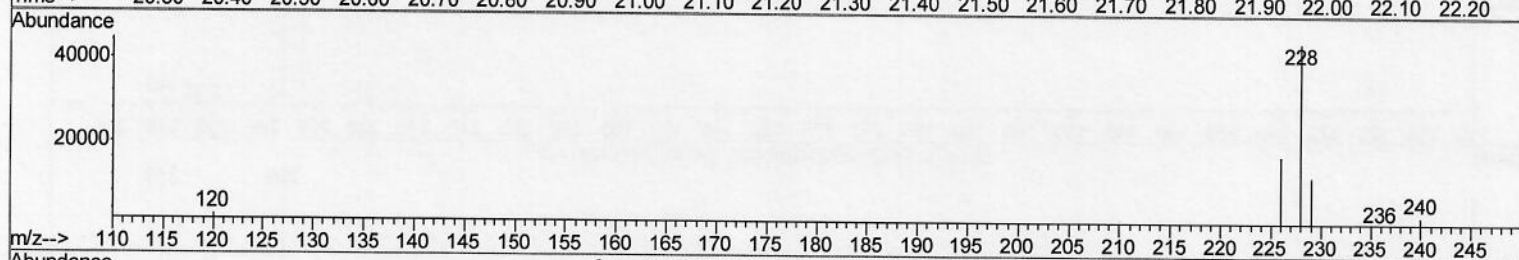
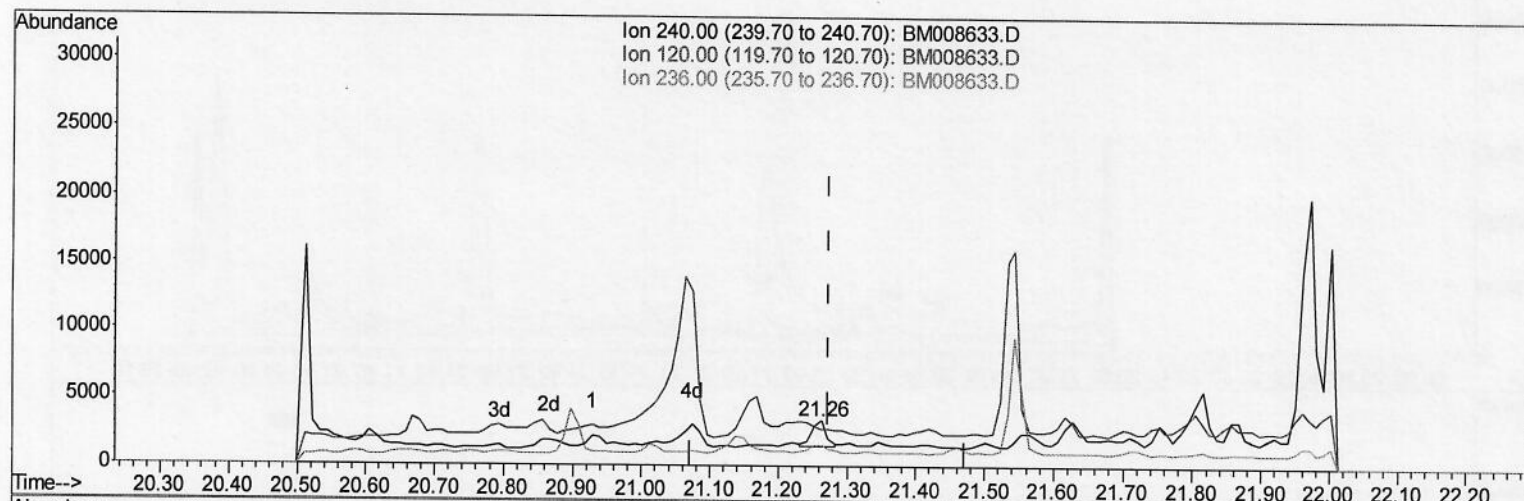
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008633.D
 Acq On : 24 Dec 2016 15:16
 Operator : UM/SJ
 Sample : H5995-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 DA863

Manual Integrations
 APPROVED

sohil
 12/26/2016 6:26:48 PM

Quant Time: Dec 25 06:21:27 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 04:56:03 2016
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.262min (-0.010) 0.40ng/ul m

response 2762

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	82.43#
236.00	34.90	47.09#
0.00	0.00	0.00

> 5.5.
 12/27/2016

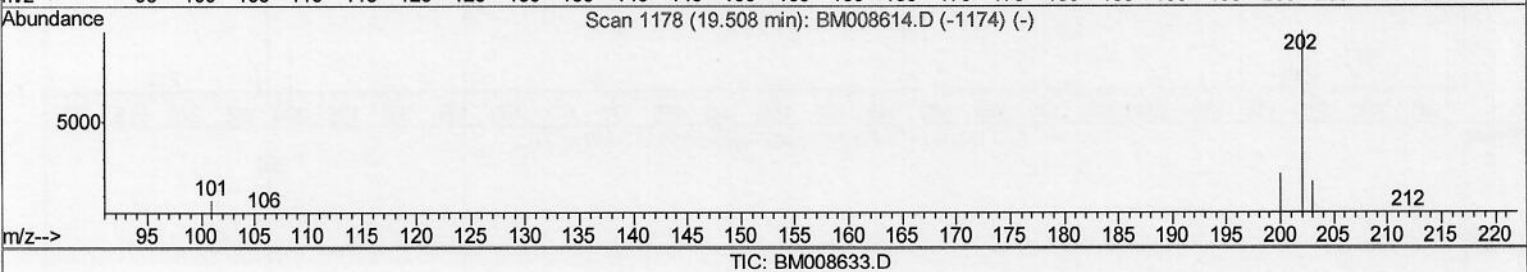
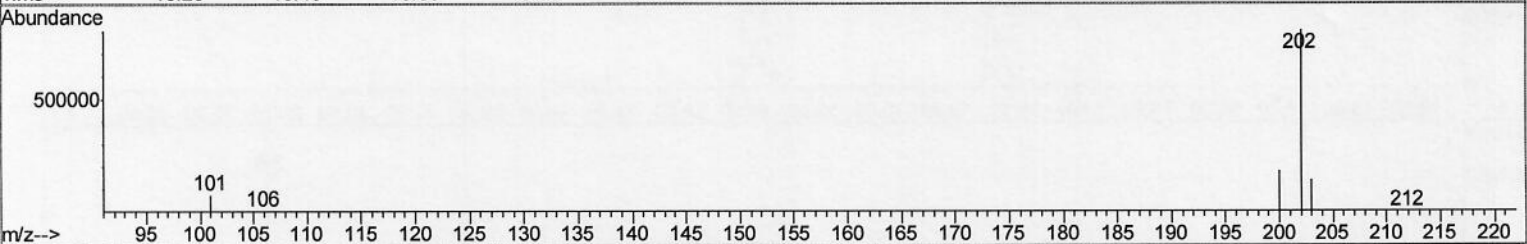
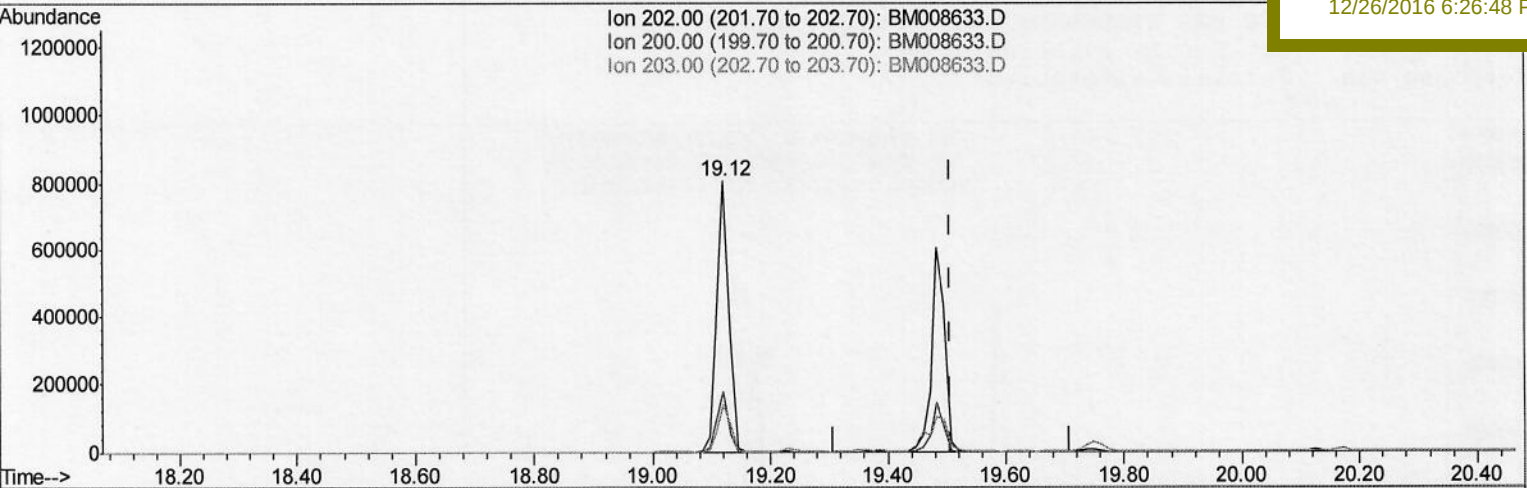
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008633.D
Acq On : 24 Dec 2016 15:16
Operator : UM/SJ
Sample : H5995-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Dec 25 06:23:39 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 04:56:03 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA863

Manual Integrations
APPROVED

sohil
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(17) Pyrene

19.120min (-0.387) 105.90ng/ul

response 1130677

Ion	Exp%	Act%
202.00	100	100
200.00	22.80	21.77
203.00	19.50	17.35
0.00	0.00	0.00

Quantitation Report (Qedit)

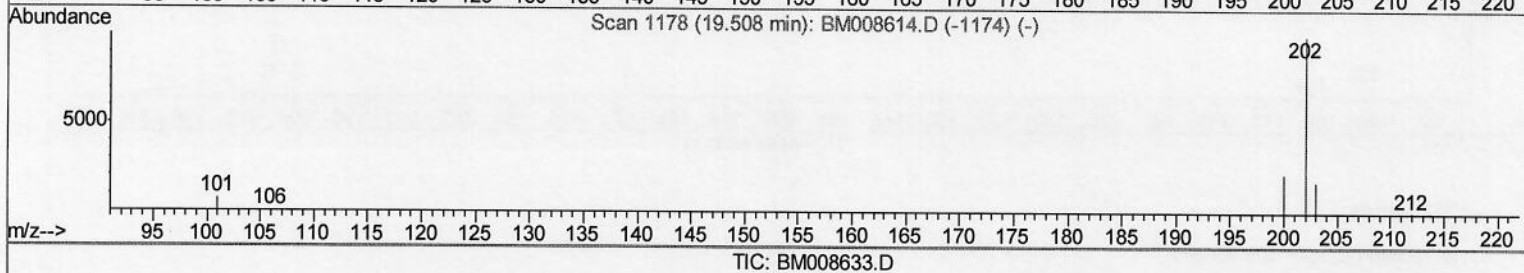
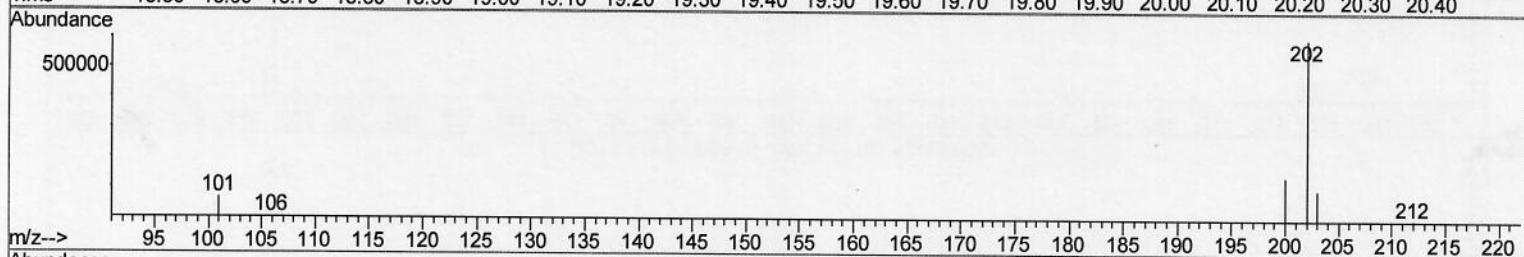
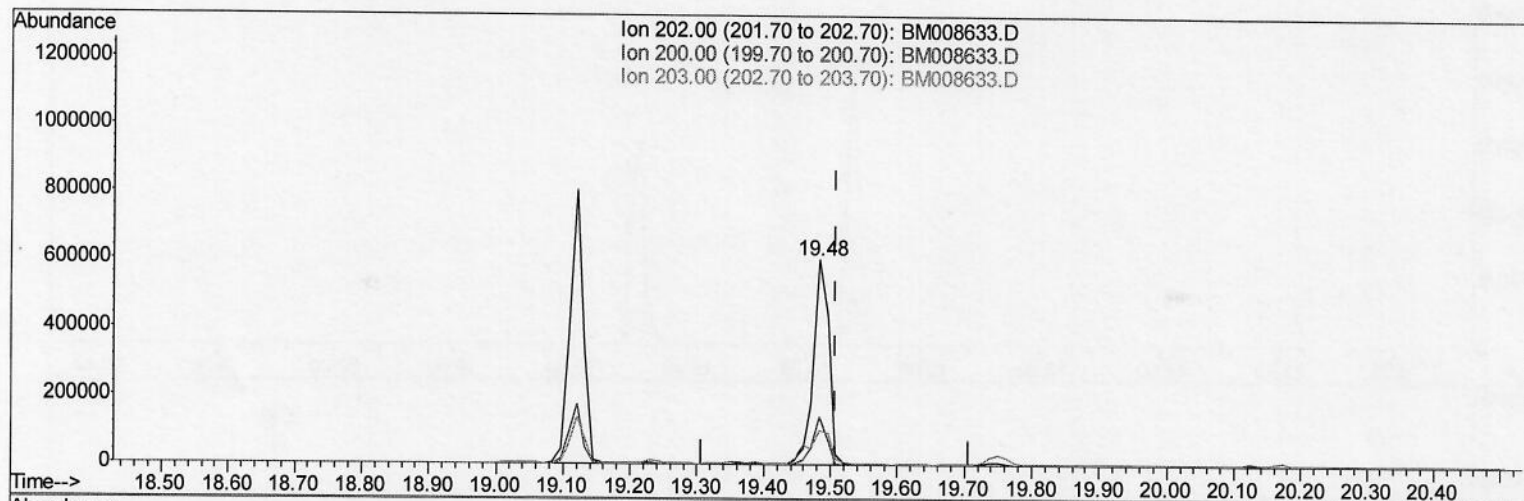
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008633.D
 Acq On : 24 Dec 2016 15:16
 Operator : UM/SJ
 Sample : H5995-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA863

Manual Integrations
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Quant Time: Dec 25 06:23:39 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 04:56:03 2016
 Response via : Initial Calibration



(17) Pyrene

19.483min (-0.024) 89.68ng/ul m } 3.5
 response 957459 12/27/2016

Ion	Exp%	Act%
202.00	100	100
200.00	22.80	23.64
203.00	19.50	16.78
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008633.D
Acq On : 24 Dec 2016 15:16
Operator : UM/SJ
Sample : H5995-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :

BNA_M

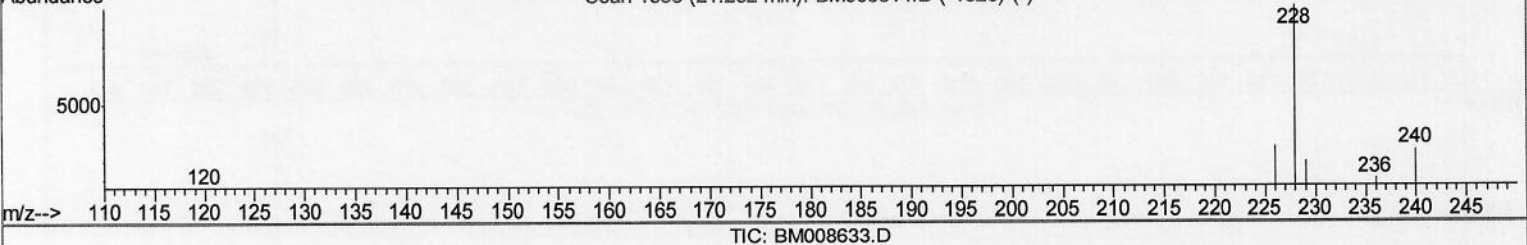
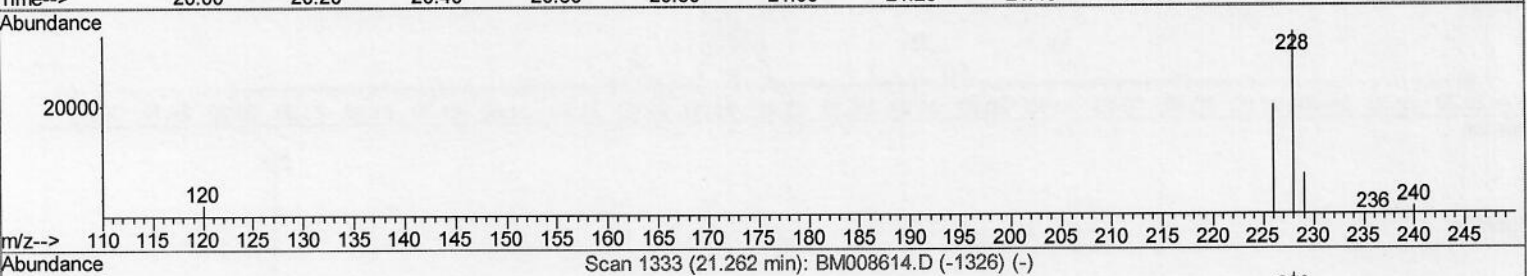
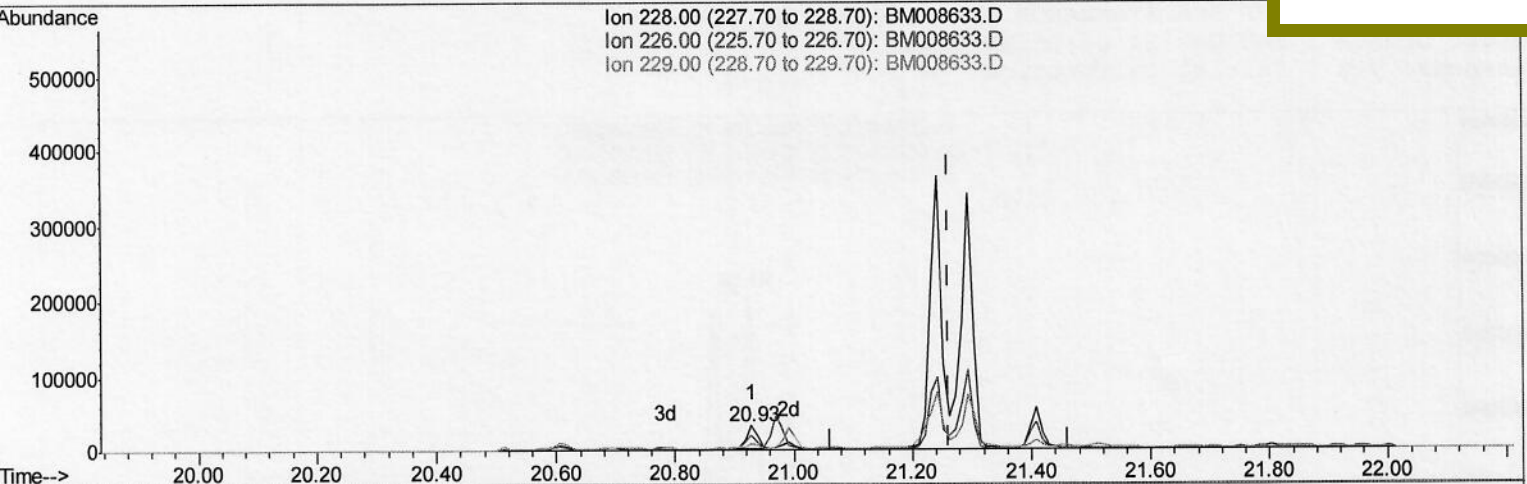
ClientSampleId :

DA863

Manual Integrations
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Quant Time: Dec 25 06:23:39 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 04:56:03 2016
Response via : Initial Calibration



(18) Benzo(a)anthracene

20.929min (-0.333) 4.61ng/ul

response 41792

Ion	Exp%	Act%
228.00	100	100
226.00	28.50	60.59#
229.00	21.30	24.12
0.00	0.00	0.00

Quantitation Report (Qedit)

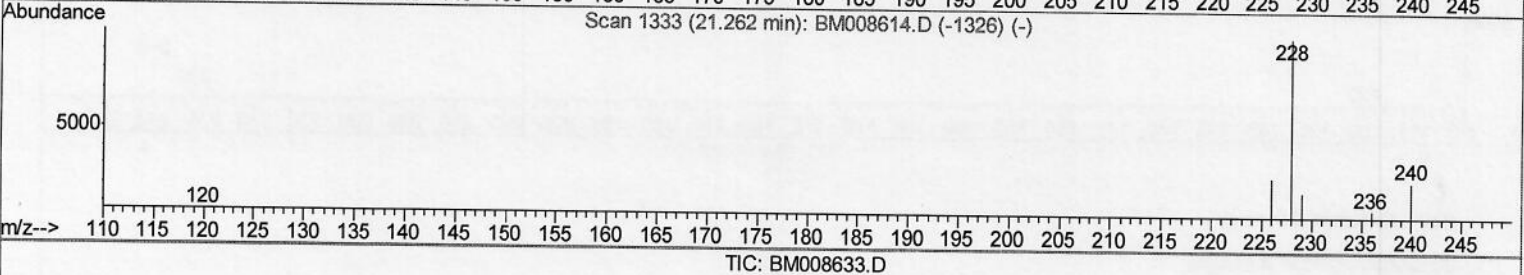
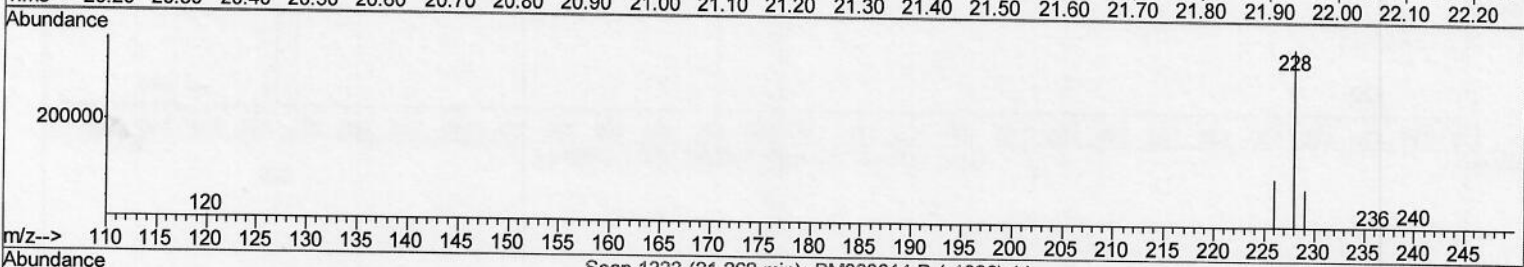
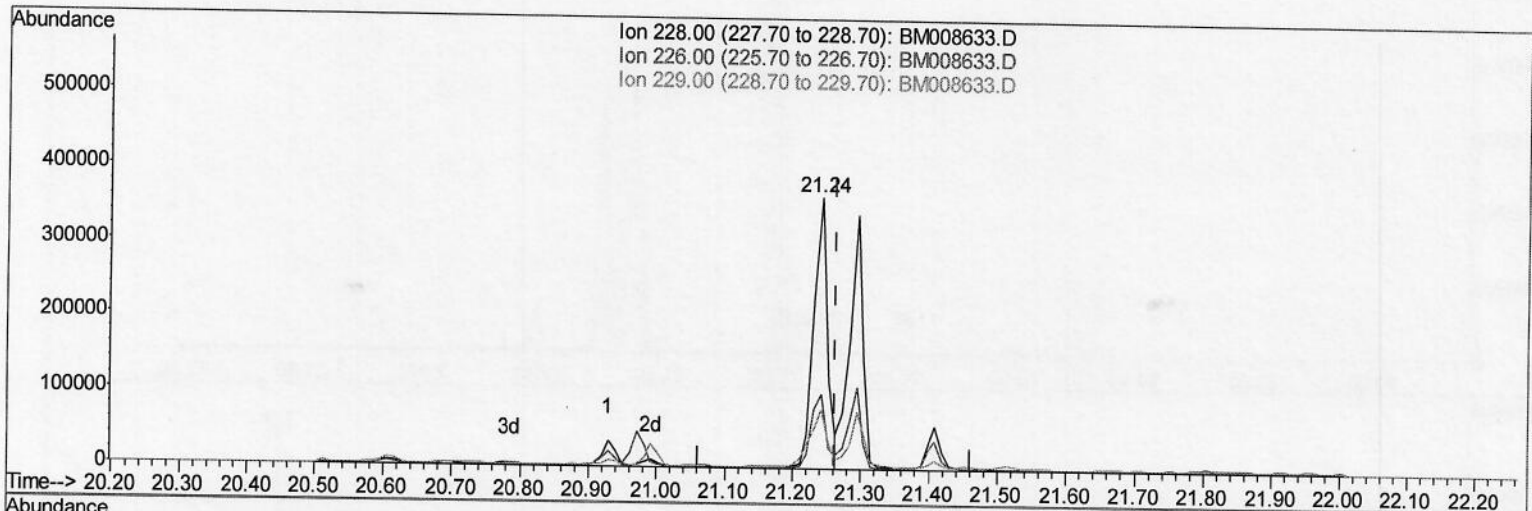
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008633.D
 Acq On : 24 Dec 2016 15:16
 Operator : UM/SJ
 Sample : H5995-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sampled :
 DA863

Manual Integrations
 APPROVED

sohil
 12/26/2016 6:26:48 PM

Quant Time: Dec 25 06:23:39 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 04:56:03 2016
 Response via : Initial Calibration



(18) Benzo(a)anthracene

21.241min (-0.021) 55.43ng/ul m } SS
 response 502752 } 12/27/2016

Ion	Exp%	Act%
228.00	100	100
226.00	28.50	26.66
229.00	21.30	21.41
0.00	0.00	0.00

Quantitation Report (Qedit)

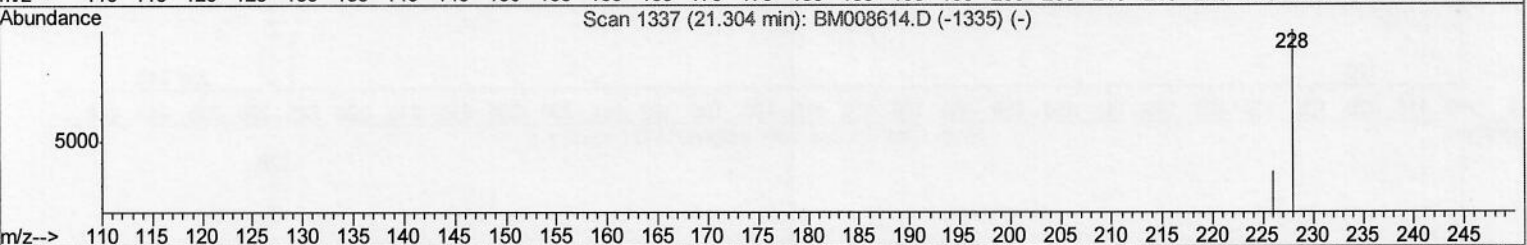
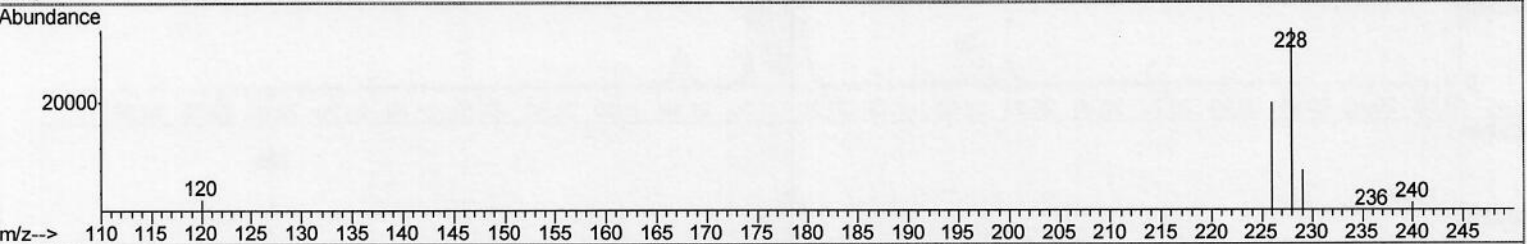
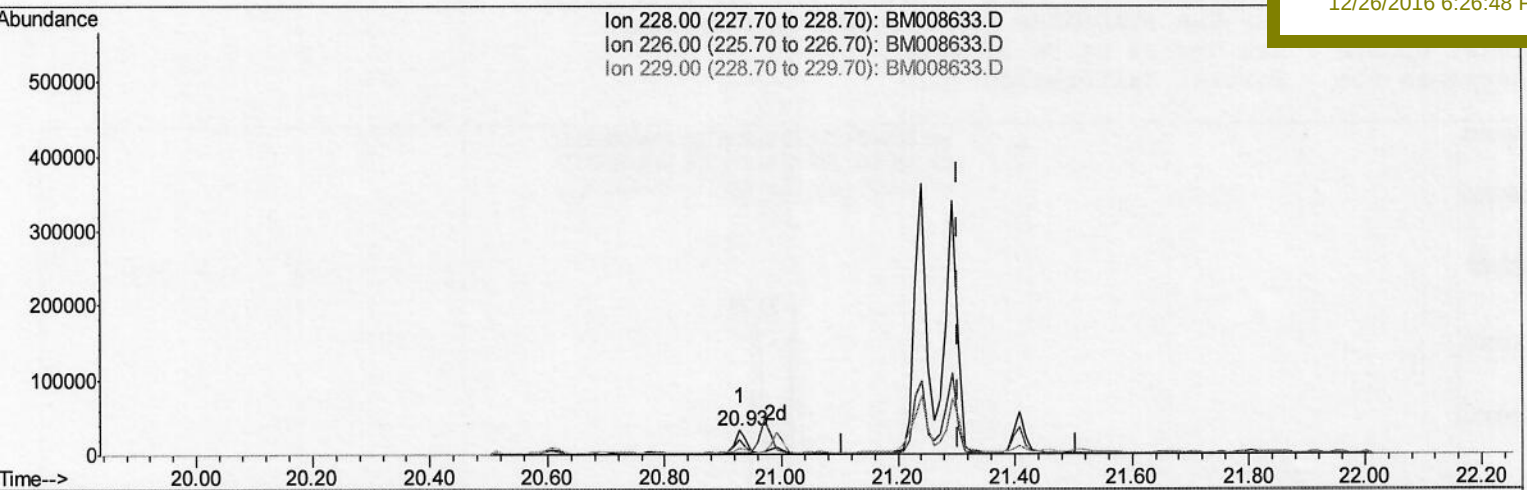
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008633.D
 Acq On : 24 Dec 2016 15:16
 Operator : UM/SJ
 Sample : H5995-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 DA863

Manual Integrations
APPROVED

sohil
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Quant Time: Dec 25 06:23:39 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 04:56:03 2016
 Response via : Initial Calibration



TIC: BM008633.D

(19) Chrysene

20.929min (-0.375) 4.21ng/ul

response 41792

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	60.59#
229.00	22.10	24.12
0.00	0.00	0.00

Quantitation Report (Qedit)

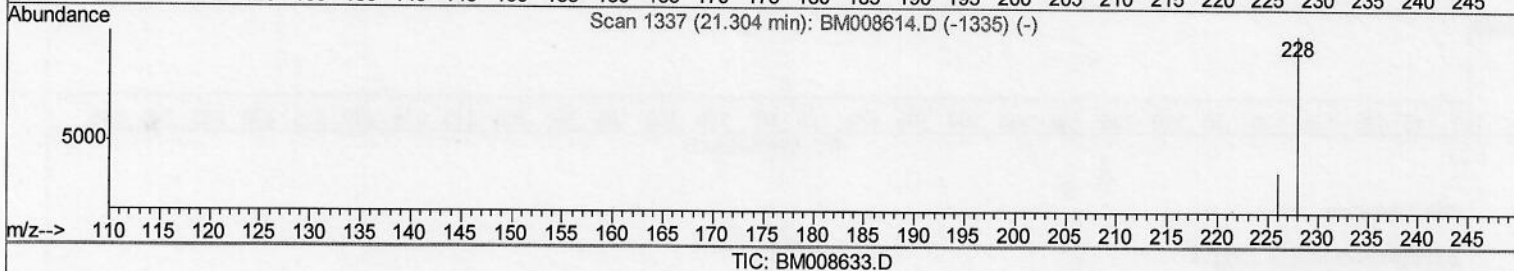
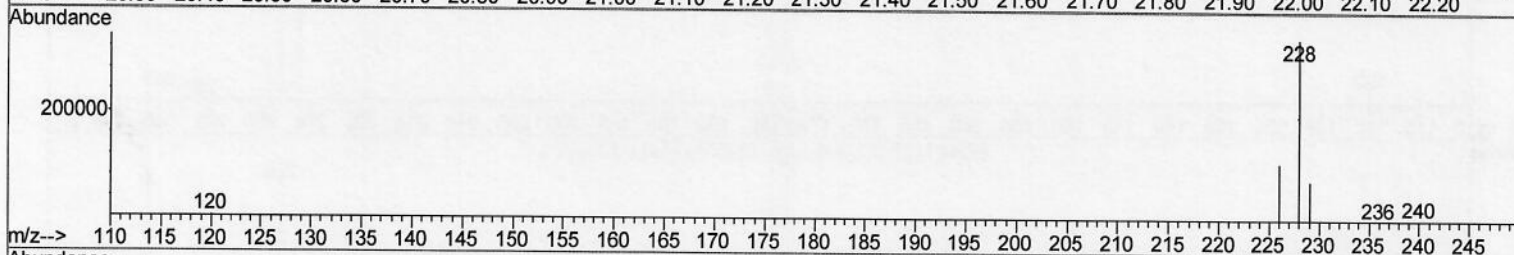
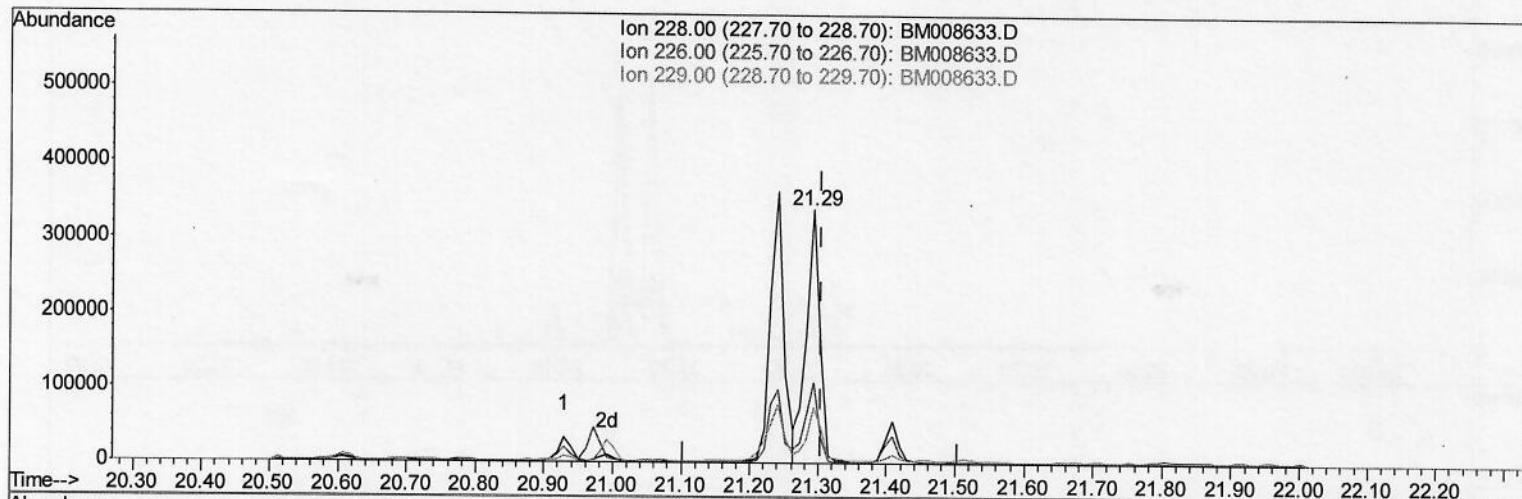
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008633.D
 Acq On : 24 Dec 2016 15:16
 Operator : UM/SJ
 Sample : H5995-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sampled :
 DA863

Manual Integrations
 APPROVED

sohil
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Quant Time: Dec 25 06:23:39 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 04:56:03 2016
 Response via : Initial Calibration



(19) Chrysene

21.294min (-0.010) 46.81ng/ul m

response 464774

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	31.44
229.00	22.10	21.92
0.00	0.00	0.00

3.5
 12/27/2016

TIC: BM008633.D

Quantitation Report (Qedit)

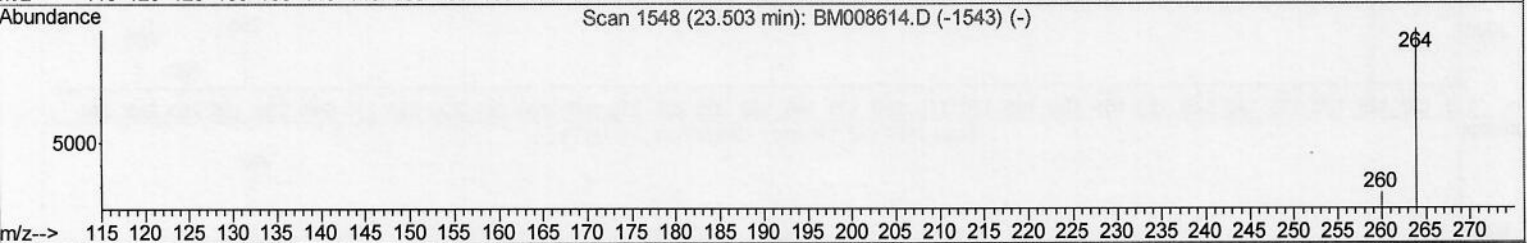
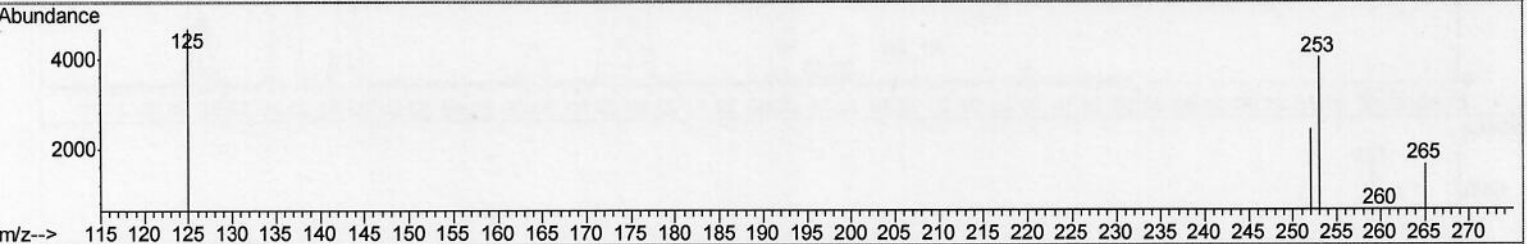
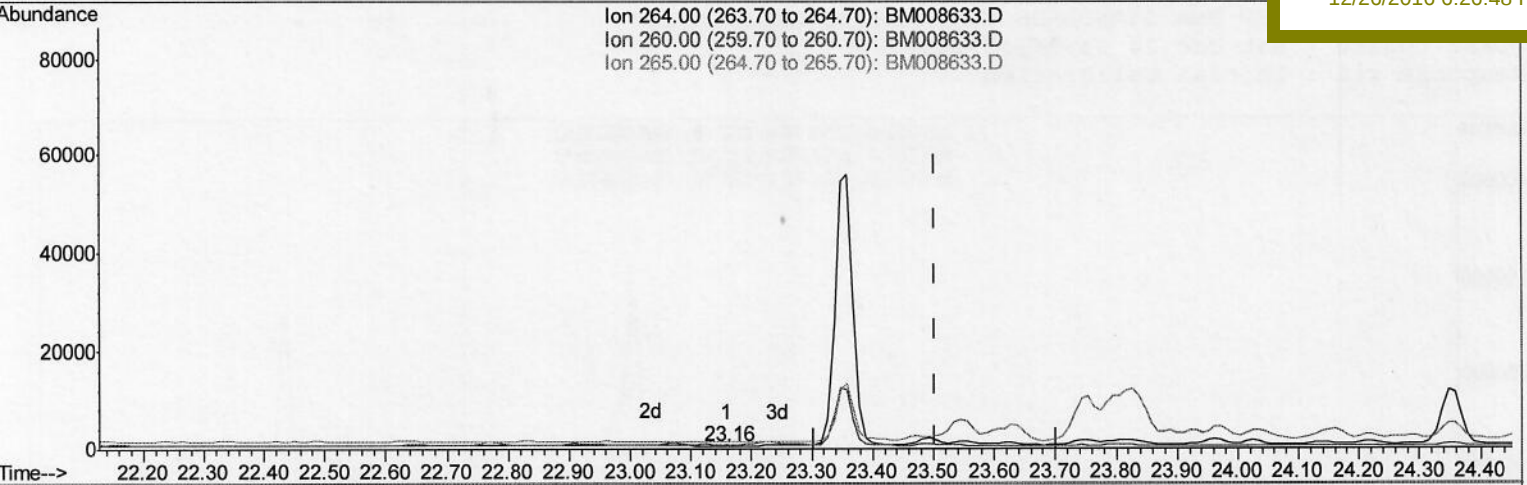
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008633.D
 Acq On : 24 Dec 2016 15:16
 Operator : UM/SJ
 Sample : H5995-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 DA863

Manual Integrations
APPROVED

sohil
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Quant Time: Dec 25 06:23:39 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 04:56:03 2016
 Response via : Initial Calibration



TIC: BM008633.D

(20) Perylene-d12 (I)

23.159min (-0.344) 0.40ng/ul

response 81

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	99.22#
265.00	103.50	251.94#
0.00	0.00	0.00

Quantitation Report (Qedit)

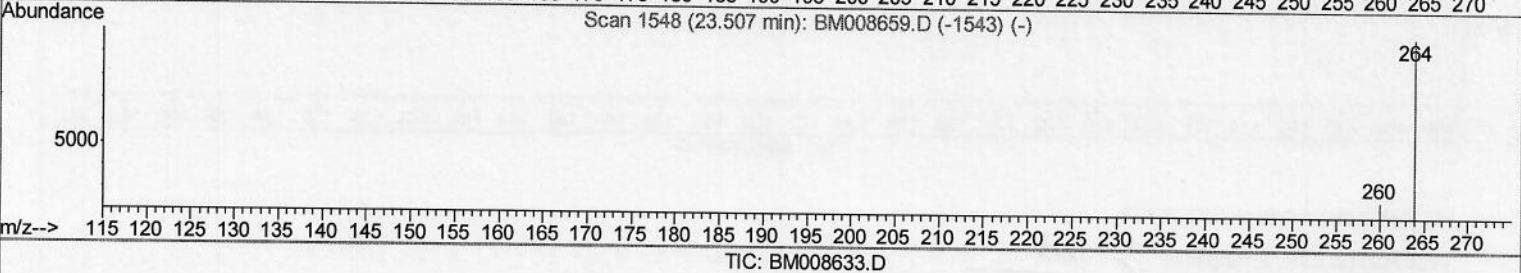
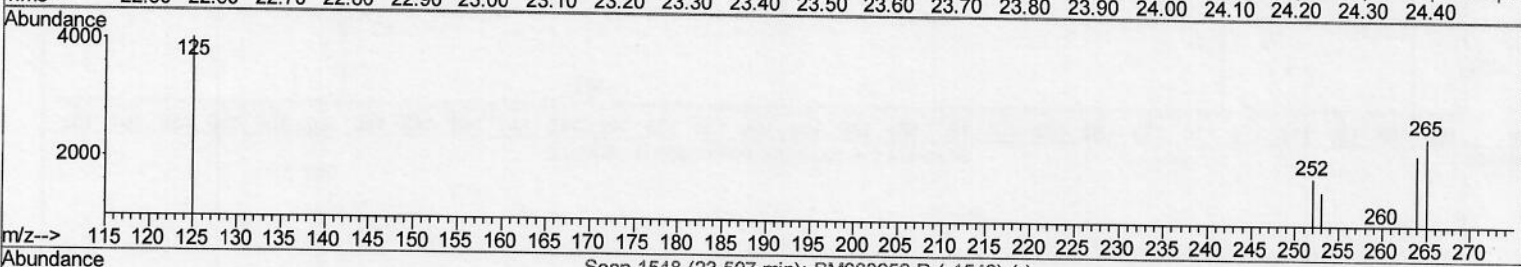
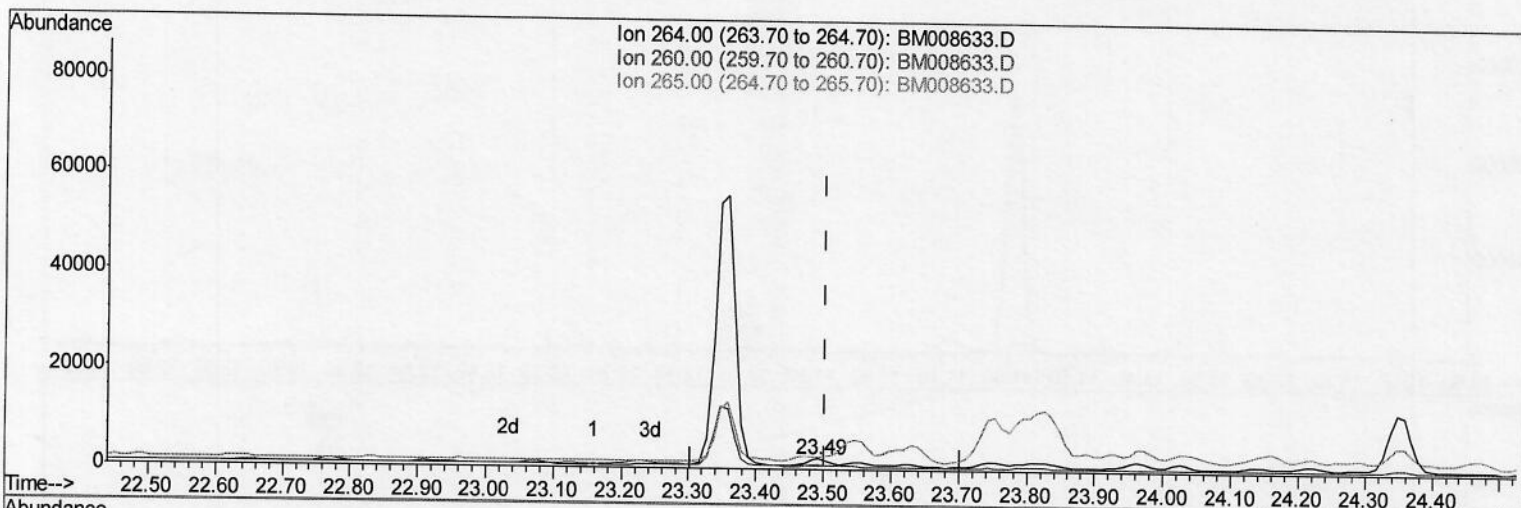
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008633.D
 Acq On : 24 Dec 2016 15:16
 Operator : UM/SJ
 Sample : H5995-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA863

Manual Integrations
 APPROVED

sohil
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Quant Time: Dec 25 06:27:49 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 04:56:03 2016
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.493min (-0.010) 0.40ng/ul m

response 3373

Ion Exp% Act%

264.00 100 100

260.00 30.10 45.41#

265.00 103.50 113.48

0.00 0.00 0.00

5.5
 12/27/2016

TIC: BM008633.D

Quantitation Report (Qedit)

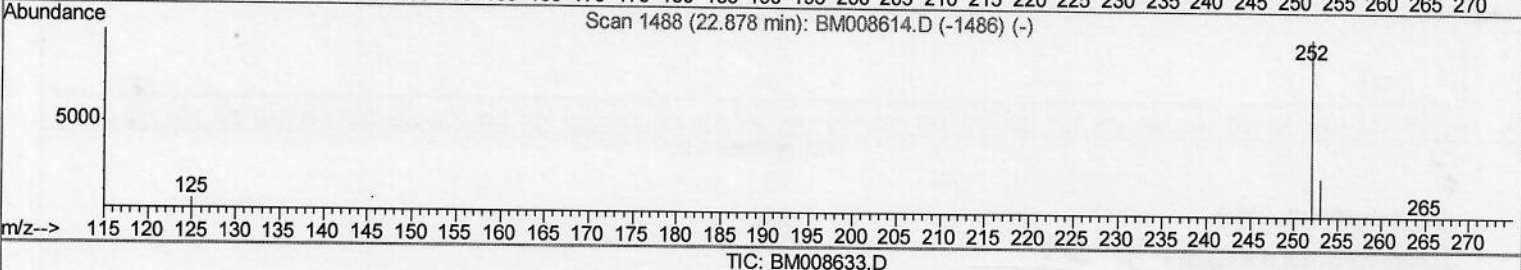
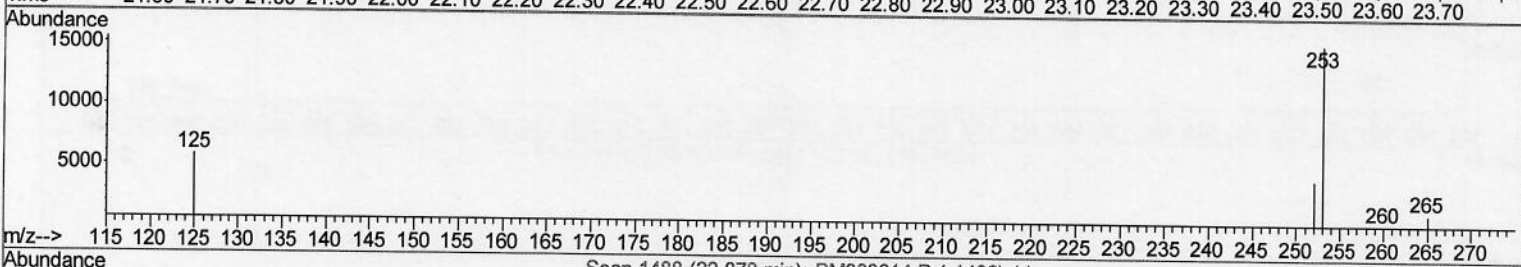
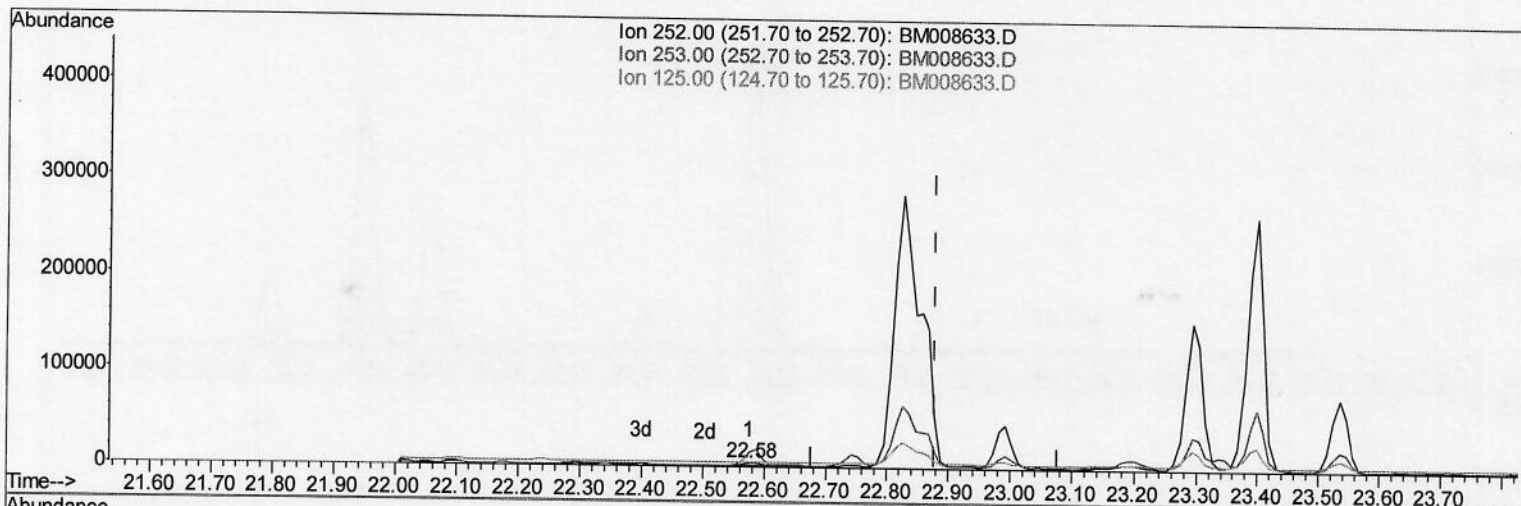
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008633.D
 Acq On : 24 Dec 2016 15:16
 Operator : UM/SJ
 Sample : H5995-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sampled :
 DA863

Manual Integrations
 APPROVED

sohil
 12/26/2016 6:26:48 PM

Quant Time: Dec 25 06:25:13 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 04:56:03 2016
 Response via : Initial Calibration



TIC: BM008633.D

(22) Benzo(k)fluoranthene
 22.576min (-0.302) 0.02ng/ul
 response 7701

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	354.61#
125.00	17.10	133.80#
0.00	0.00	0.00

Quantitation Report (Qedit)

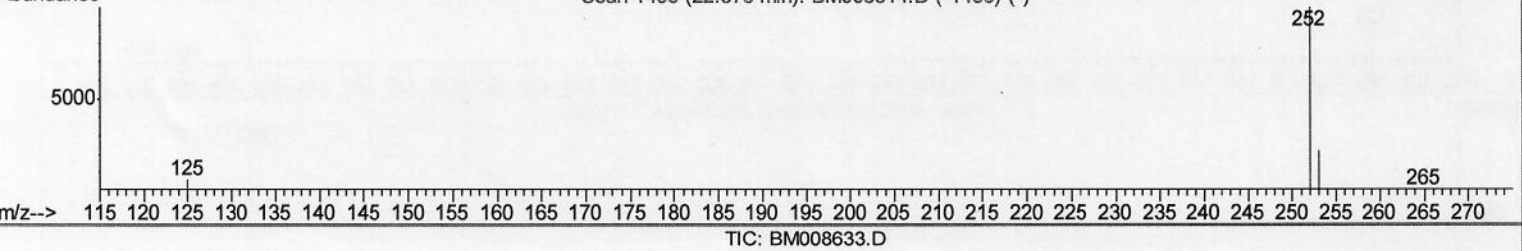
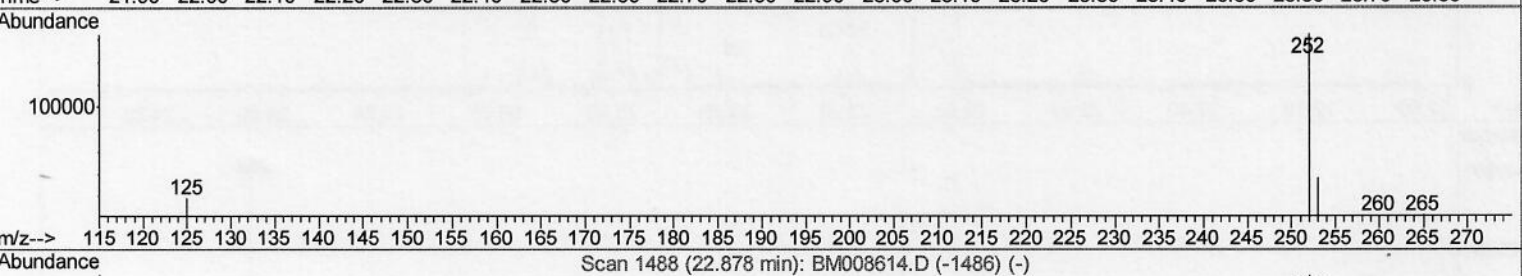
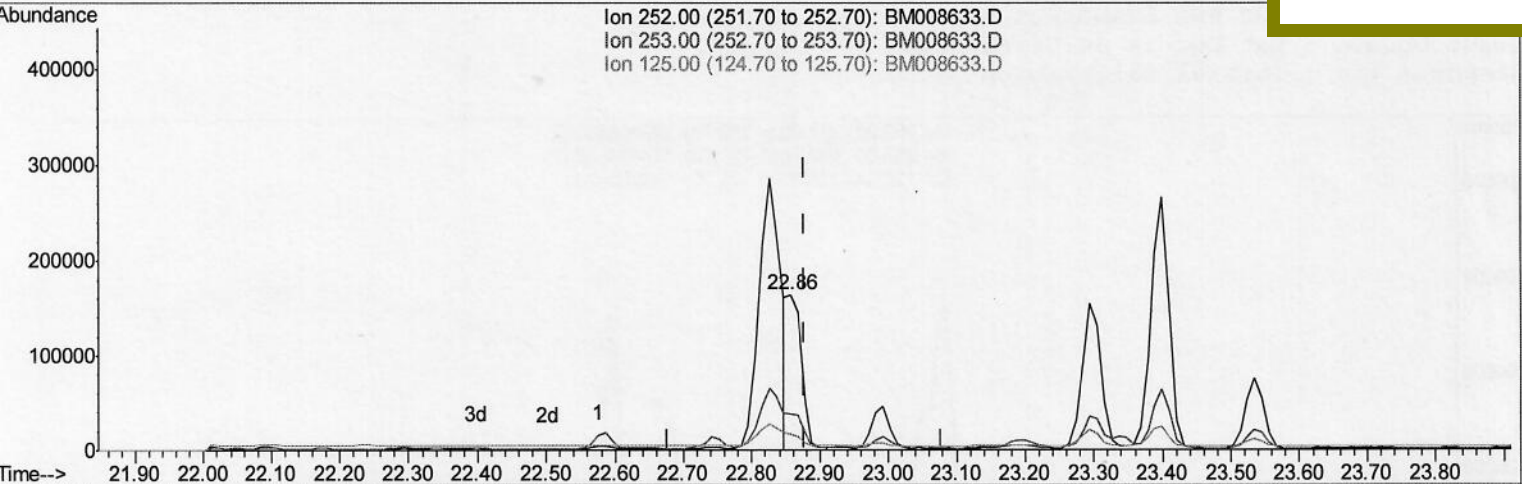
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008633.D
 Acq On : 24 Dec 2016 15:16
 Operator : UM/SJ
 Sample : H5995-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA863

Manual Integrations
 APPROVED

sohil
 12/26/2016 6:26:48 PM

Quant Time: Dec 25 06:25:13 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 04:56:03 2016
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.857min (-0.021) 0.54ng/ul m

response 233917

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	22.59#
125.00	17.10	10.53#
0.00	0.00	0.00

) S.S.
 12/27/2016

Quantitation Report (Qedit)

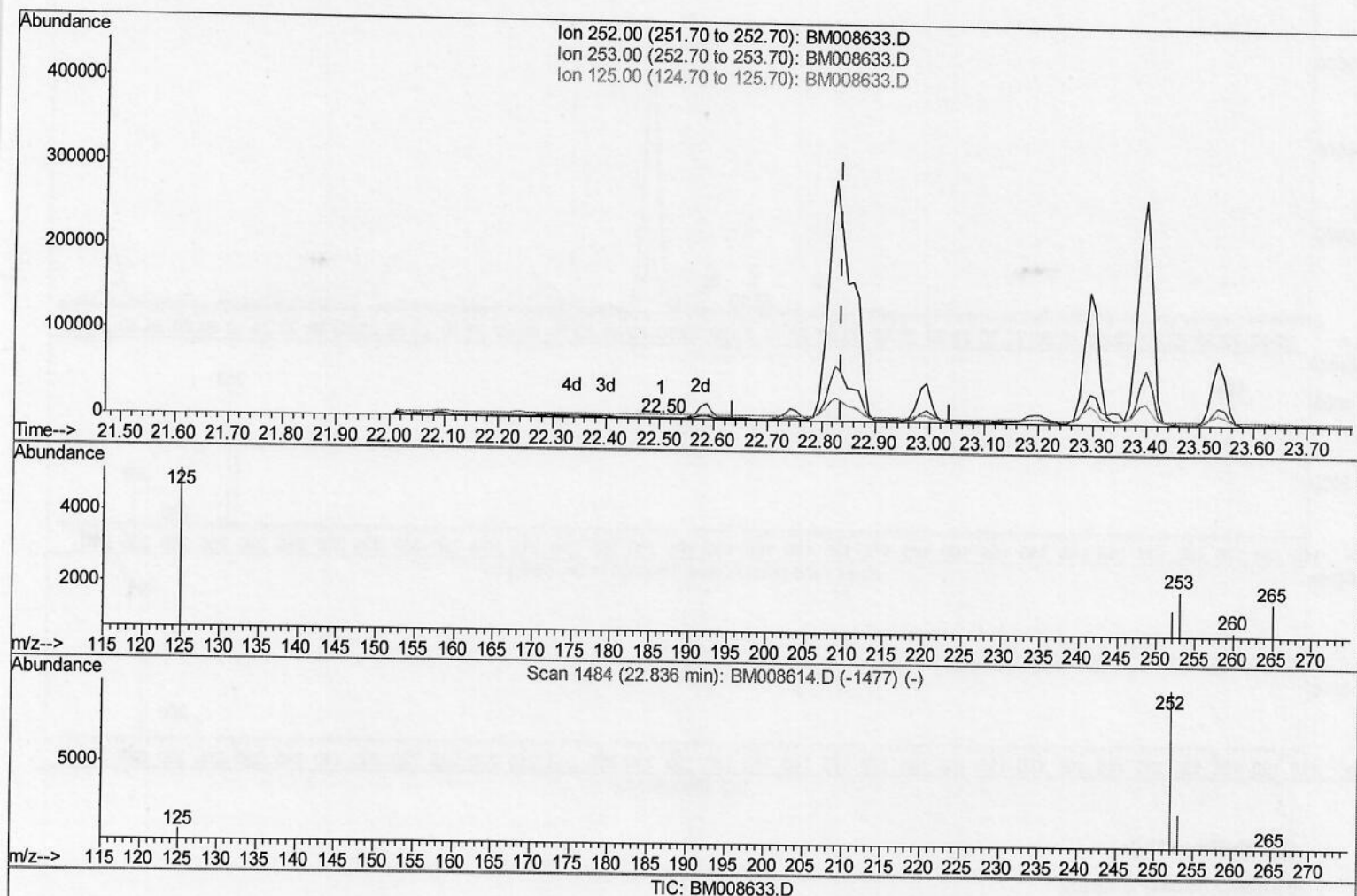
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008633.D
 Acq On : 24 Dec 2016 15:16
 Operator : UM/SJ
 Sample : H5995-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA863

Manual Integrations
 APPROVED

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 12/26/2016 6:26:48 PM

Quant Time: Dec 25 06:25:13 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 04:56:03 2016
 Response via : Initial Calibration



TIC: BM008633.D

(21) Benzo(b)fluoranthene
 22.503min (-0.334) 0.00ng/ul
 response 463

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	135.35#
125.00	17.50	354.88#
0.00	0.00	0.00

Quantitation Report (Qedit)

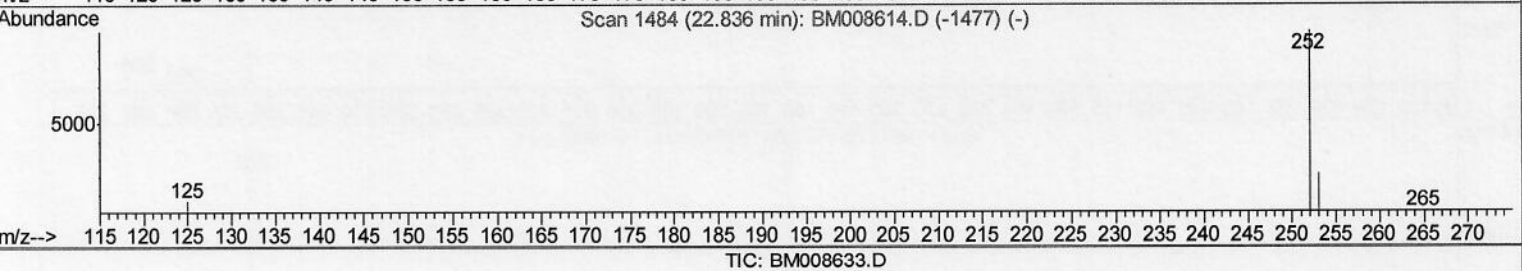
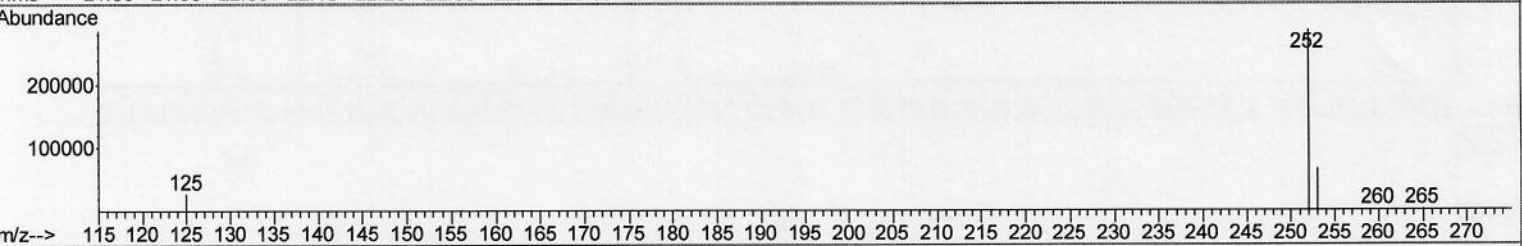
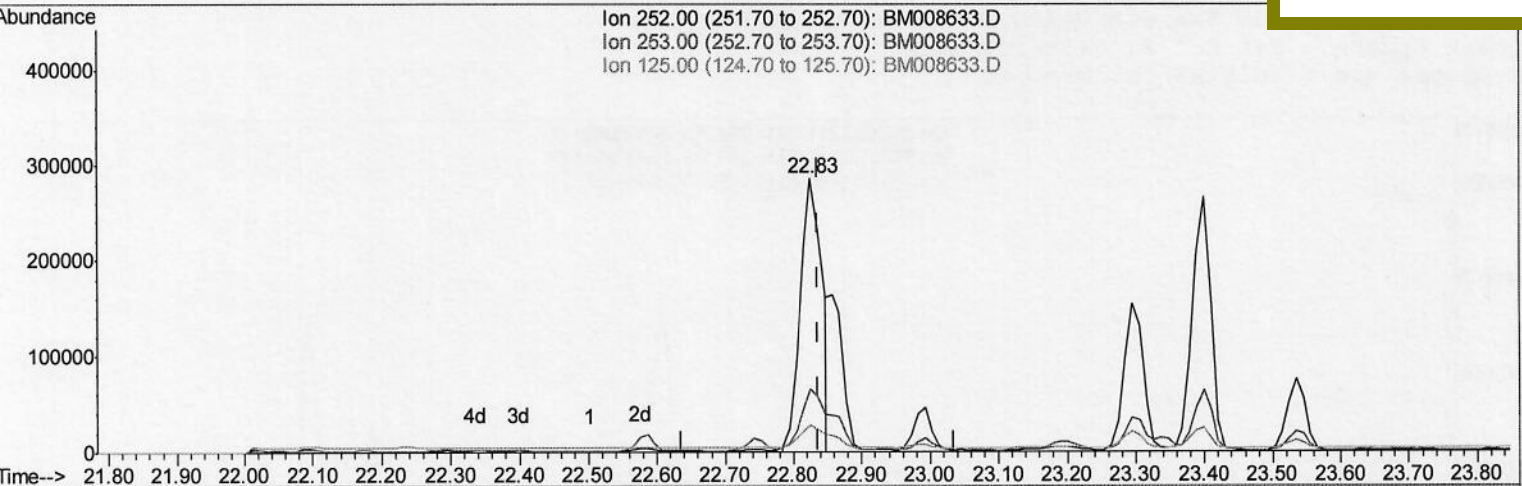
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008633.D
 Acq On : 24 Dec 2016 15:16
 Operator : UM/SJ
 Sample : H5995-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA863

Manual Integrations
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Quant Time: Dec 25 06:25:13 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 04:56:03 2016
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.826min (-0.010) 1.43ng/ul m

response 636489

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	22.65
125.00	17.50	9.75
0.00	0.00	0.00

S.S.
 12/27/2016

Quantitation Report (Qedit)

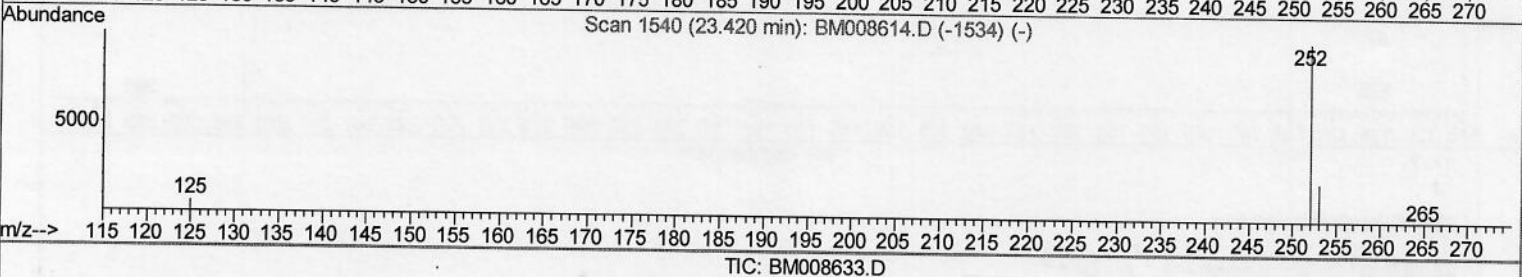
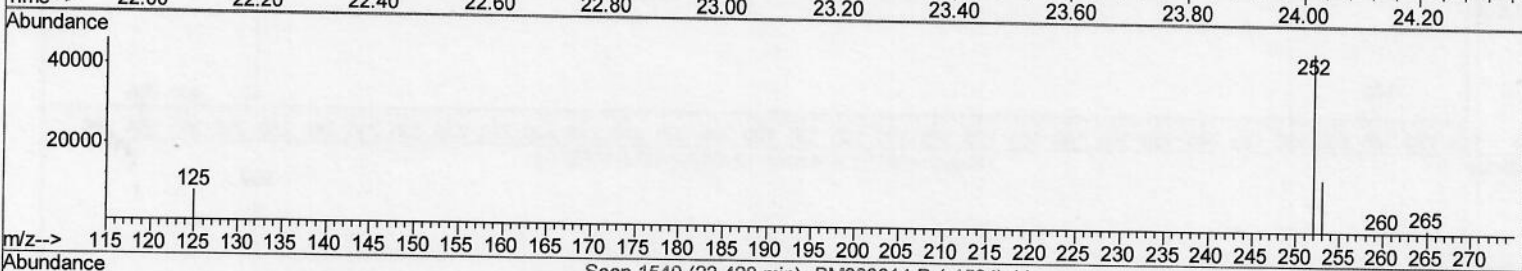
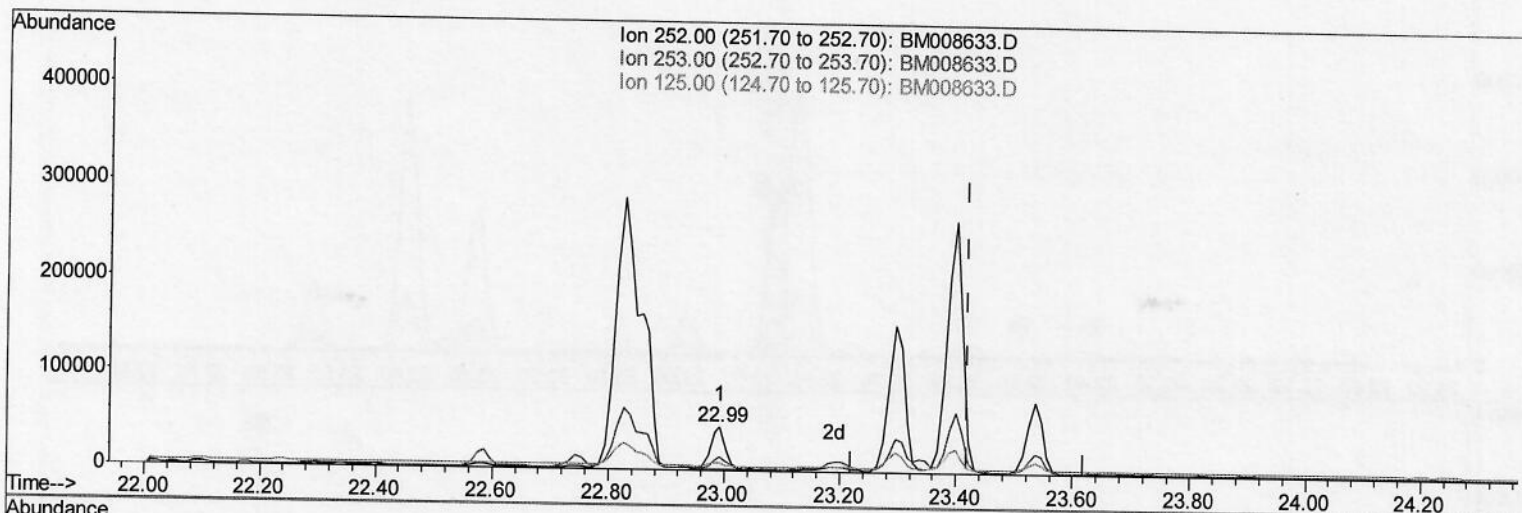
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008633.D
 Acq On : 24 Dec 2016 15:16
 Operator : UM/SJ
 Sample : H5995-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA863

Manual Integrations
 APPROVED

sohil
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Quant Time: Dec 25 06:25:13 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 04:56:03 2016
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)
 22.993min (-0.427) 0.19ng/ul
 response 79473

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	30.48
125.00	22.60	17.51#
0.00	0.00	0.00

Quantitation Report (Qedit)

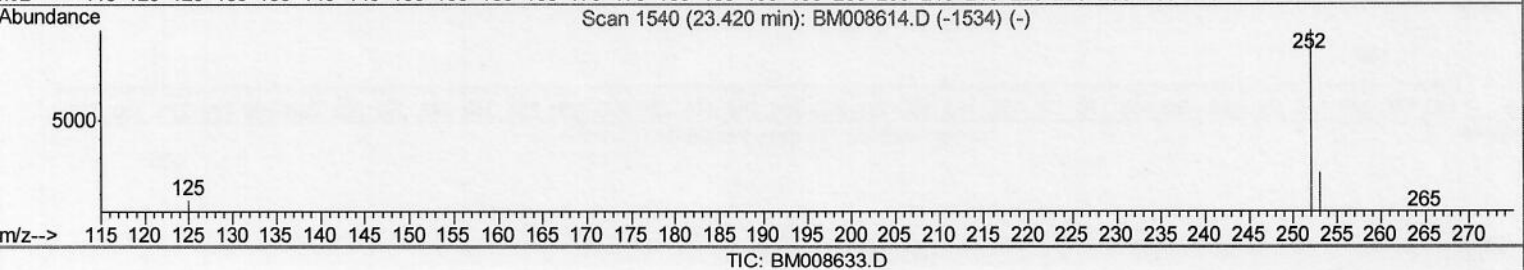
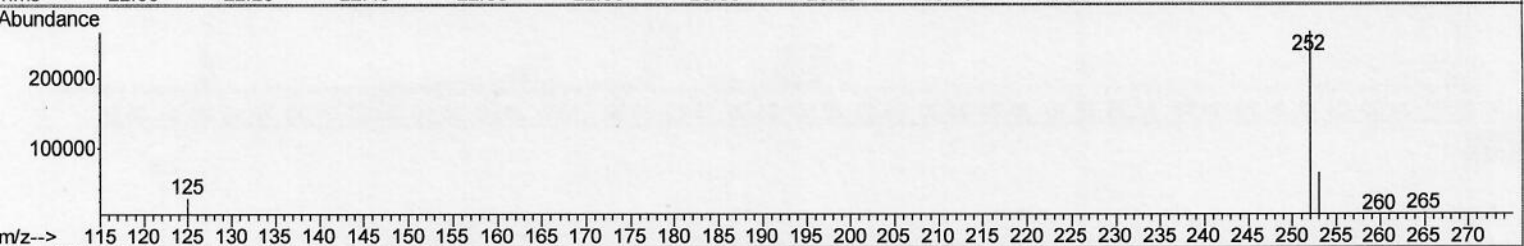
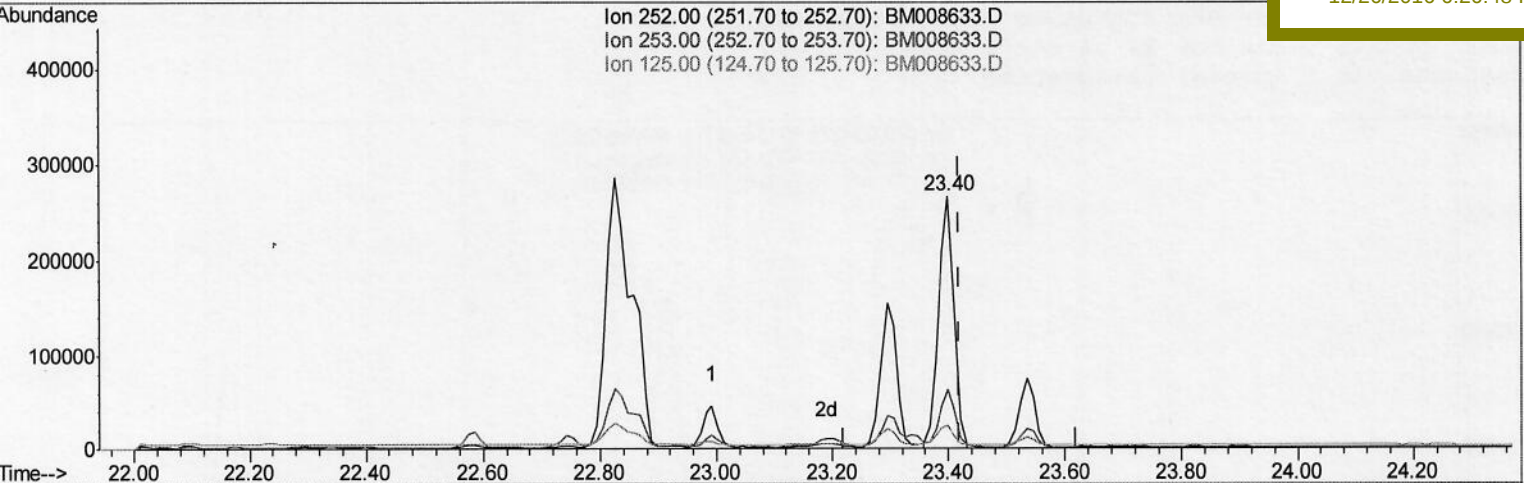
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008633.D
 Acq On : 24 Dec 2016 15:16
 Operator : UM/SJ
 Sample : H5995-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA863

Manual Integrations
 APPROVED

sohil
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Quant Time: Dec 25 06:25:13 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 04:56:03 2016
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.399min (-0.021) 1.19ng/ul m

response 488688

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	23.66#
125.00	22.60	9.39#
0.00	0.00	0.00

3.5
 12/27/2016

Quantitation Report (Qedit)

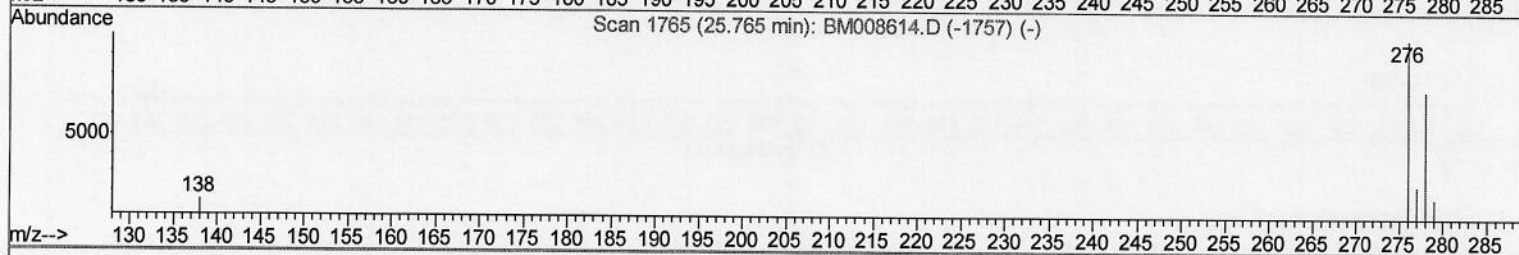
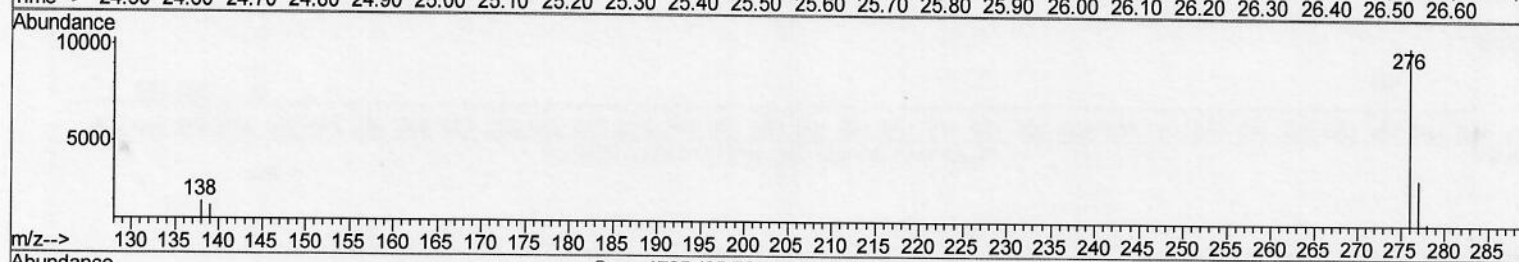
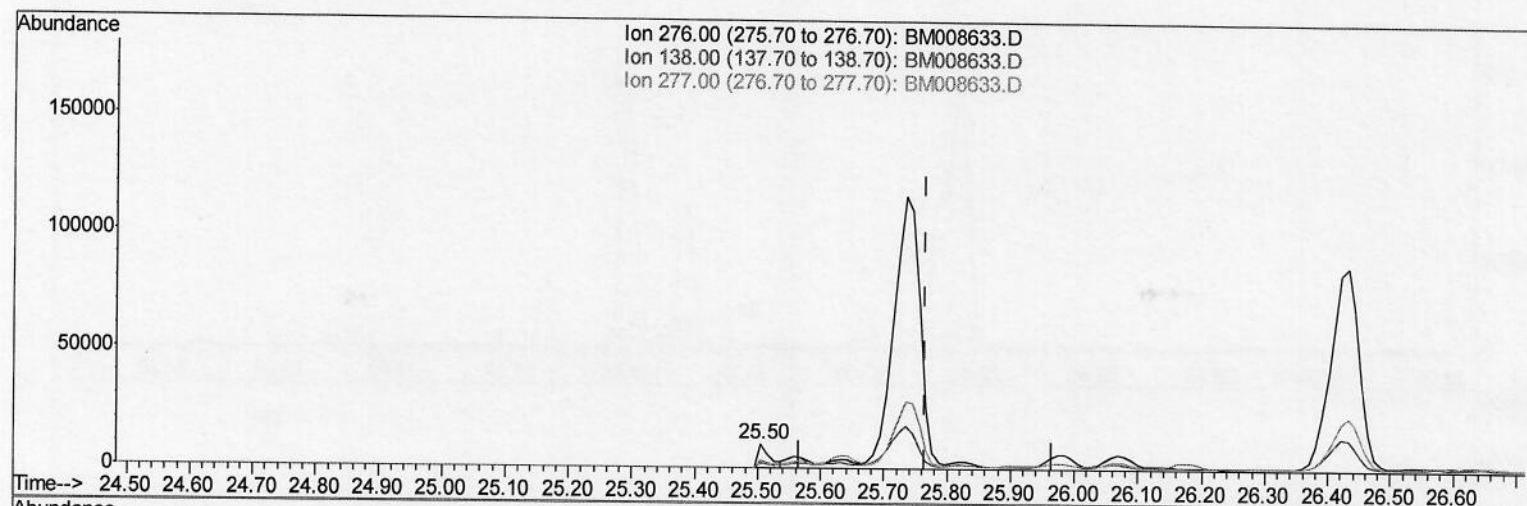
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008633.D
 Acq On : 24 Dec 2016 15:16
 Operator : UM/SJ
 Sample : H5995-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA863

Manual Integrations
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Quant Time: Dec 25 06:25:13 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 04:56:03 2016
 Response via : Initial Calibration



TIC: BM008633.D

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

25.505min (-0.261) 0.03ng/ul

response 13271

Ion	Exp%	Act%
276.00	100	100
138.00	23.90	22.21
277.00	24.50	40.92#
0.00	0.00	0.00

Quantitation Report (Qedit)

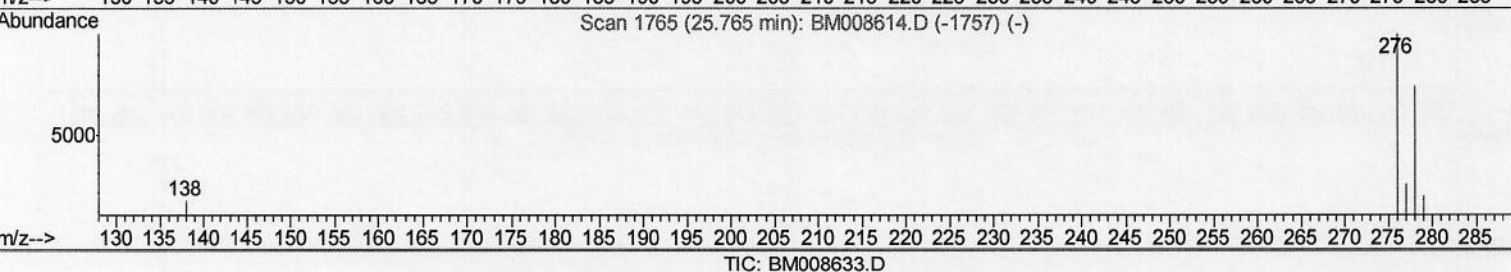
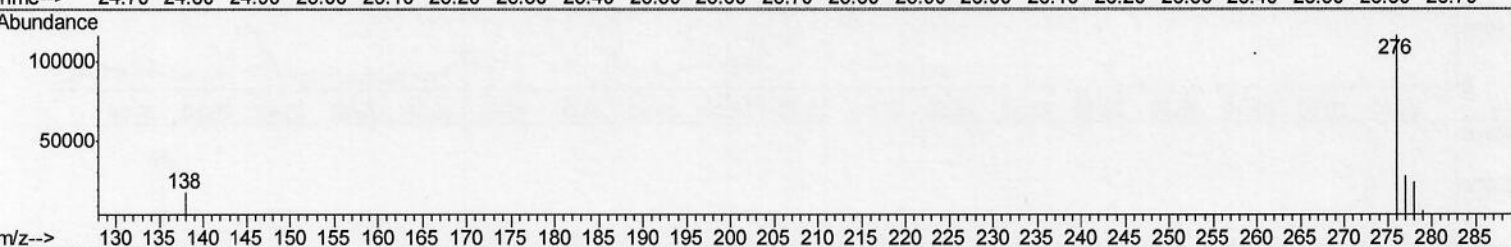
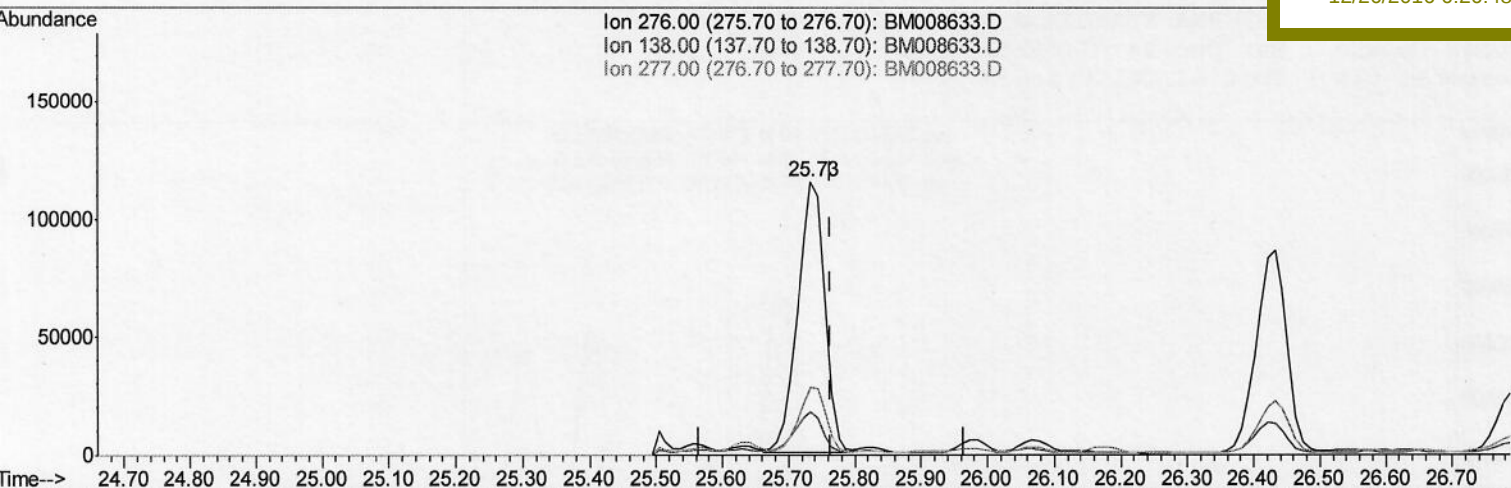
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008633.D
Acq On : 24 Dec 2016 15:16
Operator : UM/SJ
Sample : H5995-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA863

Manual Integrations
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Quant Time: Dec 25 06:25:13 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 04:56:03 2016
Response via : Initial Calibration



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

25.734min (-0.031) 0.67ng/ul m

response 326844

Ion	Exp%	Act%
276.00	100	100
138.00	23.90	0.90#
277.00	24.50	1.66#
0.00	0.00	0.00

> 50.
12/27/2016

Quantitation Report (Qedit)

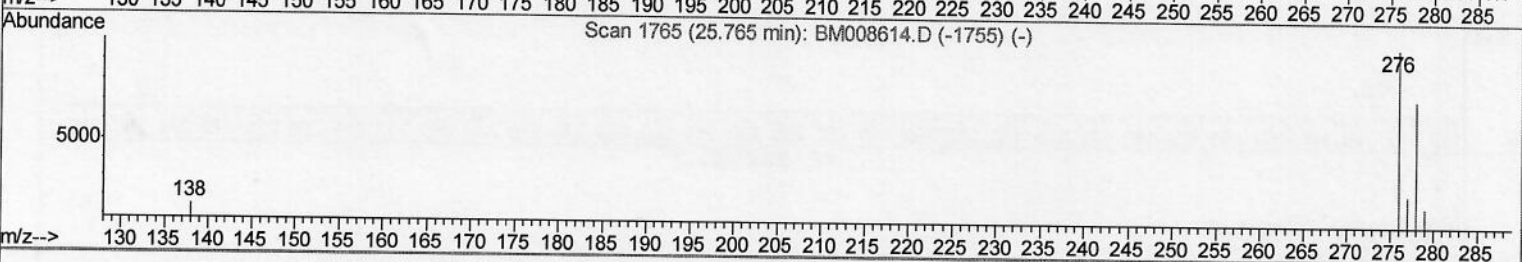
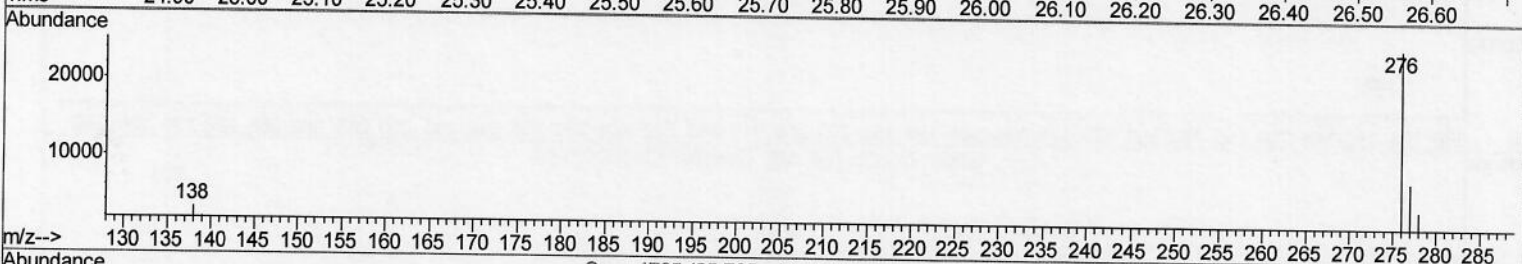
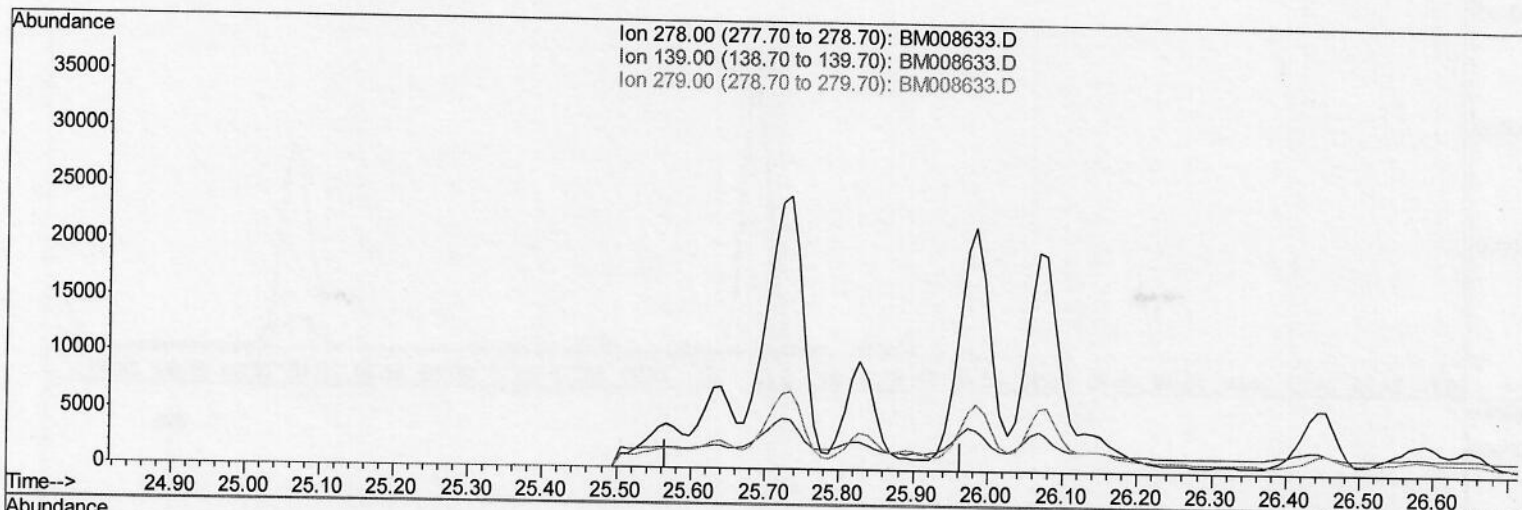
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008633.D
 Acq On : 24 Dec 2016 15:16
 Operator : UM/SJ
 Sample : H5995-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA863

Manual Integrations
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Quant Time: Dec 25 06:25:13 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 04:56:03 2016
 Response via : Initial Calibration



TIC: BM008633.D

(25) Dibenzo(a,h)anthracene

25.765min (-25.765) 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)

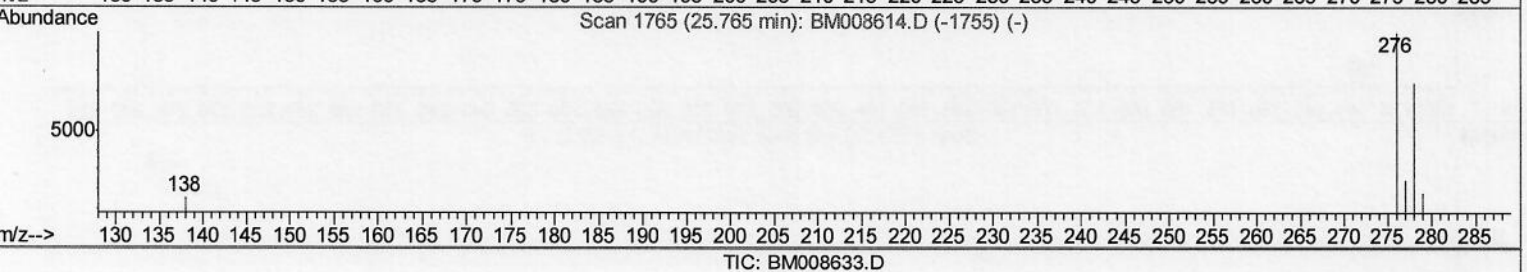
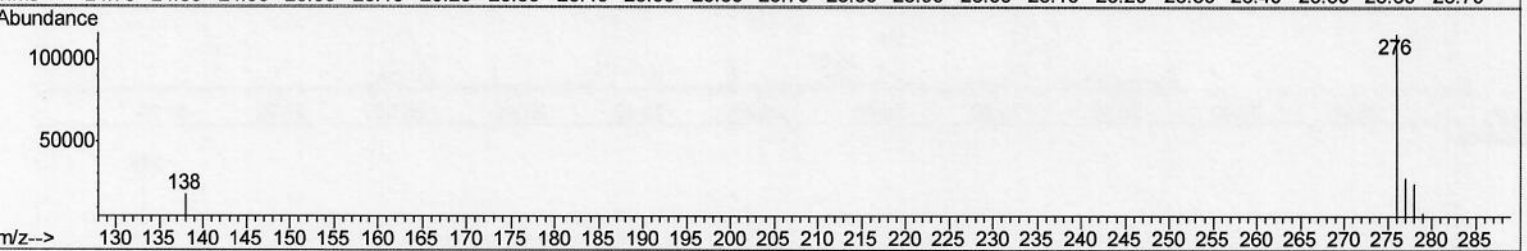
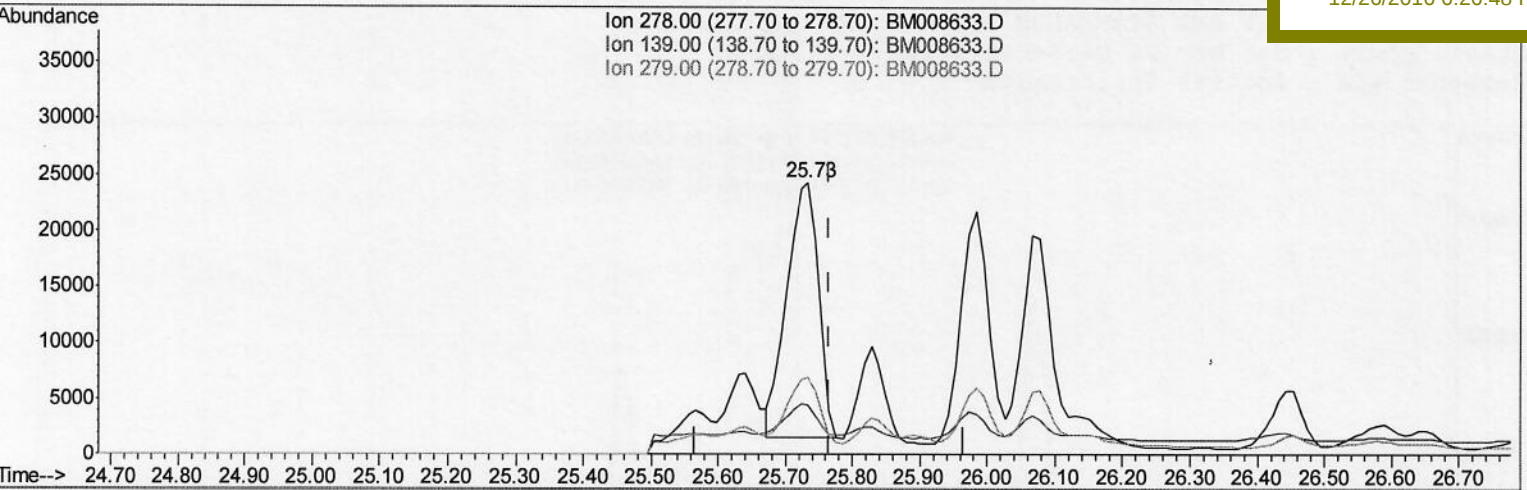
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008633.D
Acq On : 24 Dec 2016 15:16
Operator : UM/SJ
Sample : H5995-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA863

Manual Integrations
APPROVED

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Quant Time: Dec 25 06:25:13 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 04:56:03 2016
Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.734min (-0.031) 0.19ng/ul m

response 74984

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	18.27
279.00	32.40	28.68
0.00	0.00	0.00

S.J.
12/27/2016

Quantitation Report (Qedit)

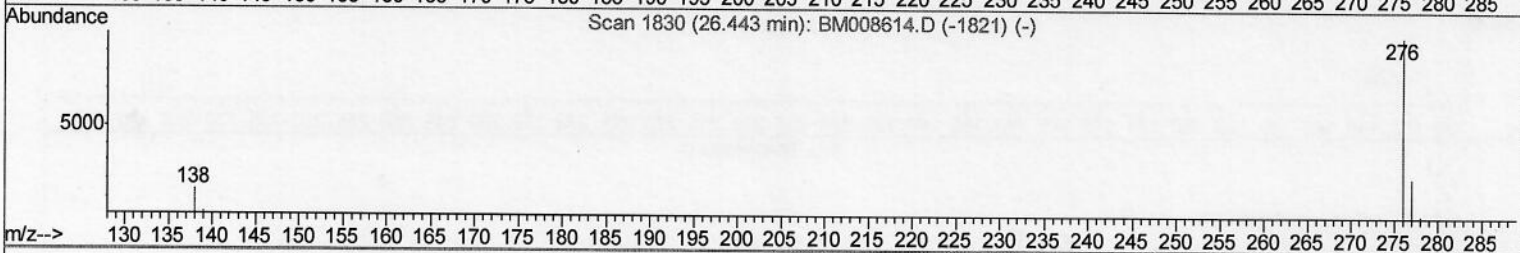
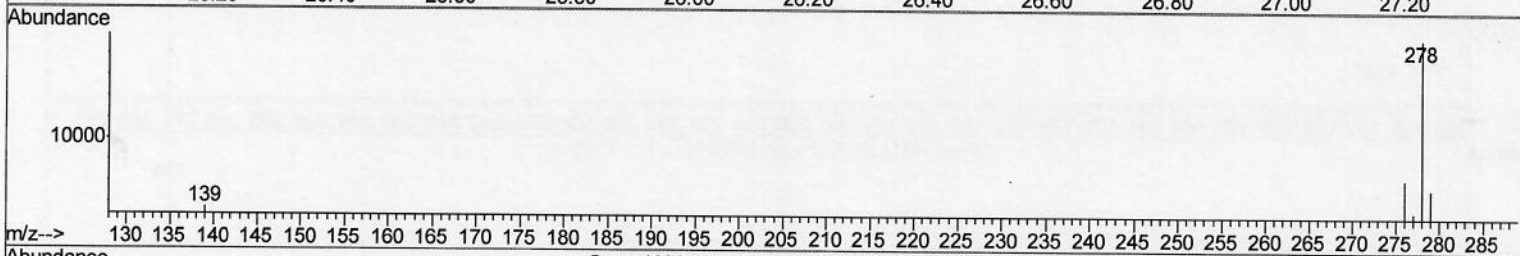
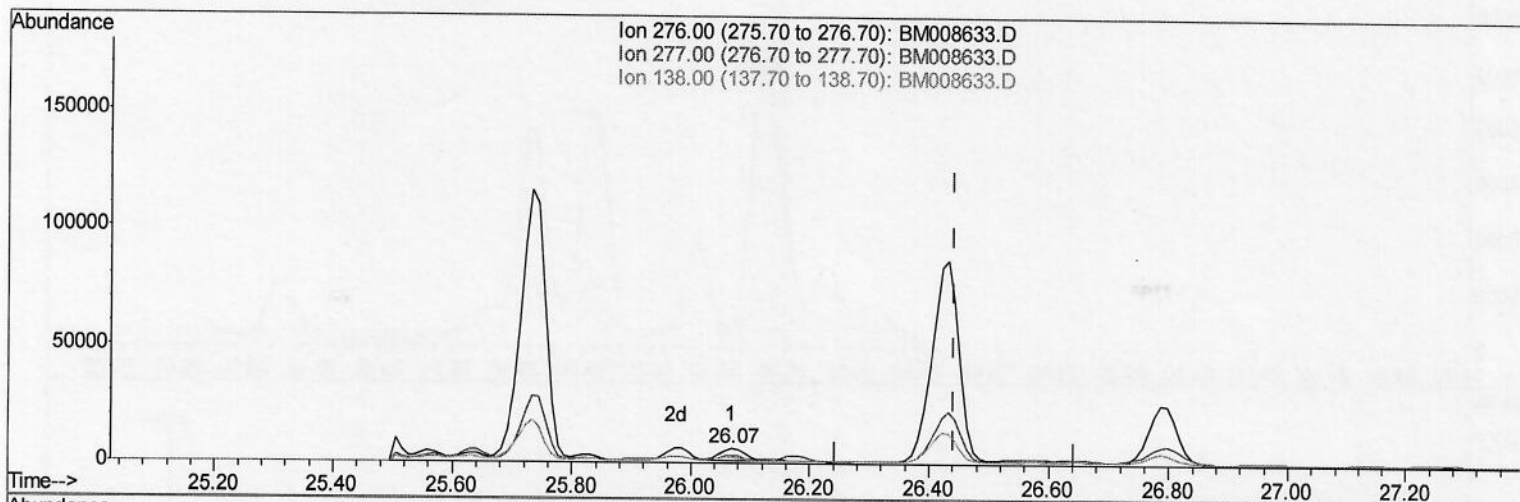
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008633.D
 Acq On : 24 Dec 2016 15:16
 Operator : UM/SJ
 Sample : H5995-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA863

Manual Integrations
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Quant Time: Dec 25 06:25:13 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 04:56:03 2016
 Response via : Initial Calibration



TIC: BM008633.D

(26) Benzo(g,h,i)perylene
 26.068min (-0.375) 0.04ng/ul
 response 17467

Ion	Exp%	Act%
276.00	100	100
277.00	27.30	51.85#
138.00	25.60	42.98#
0.00	0.00	0.00

Quantitation Report (Qedit)

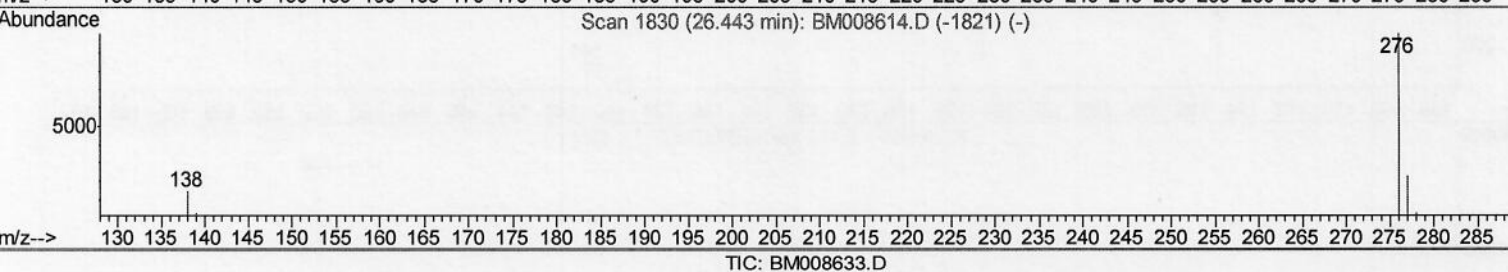
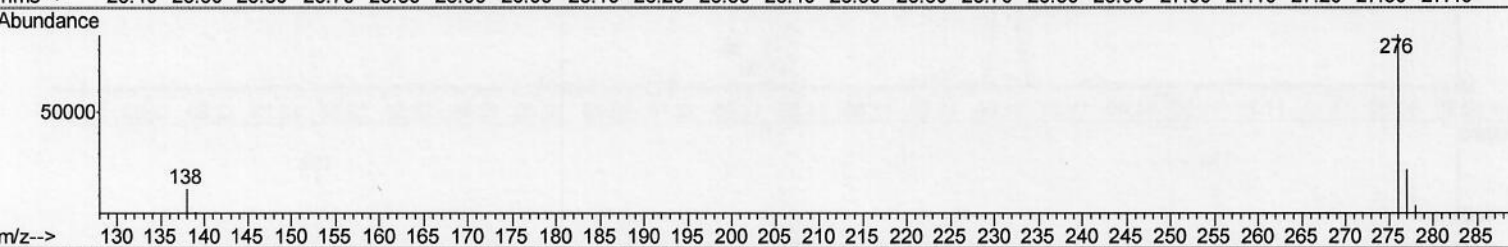
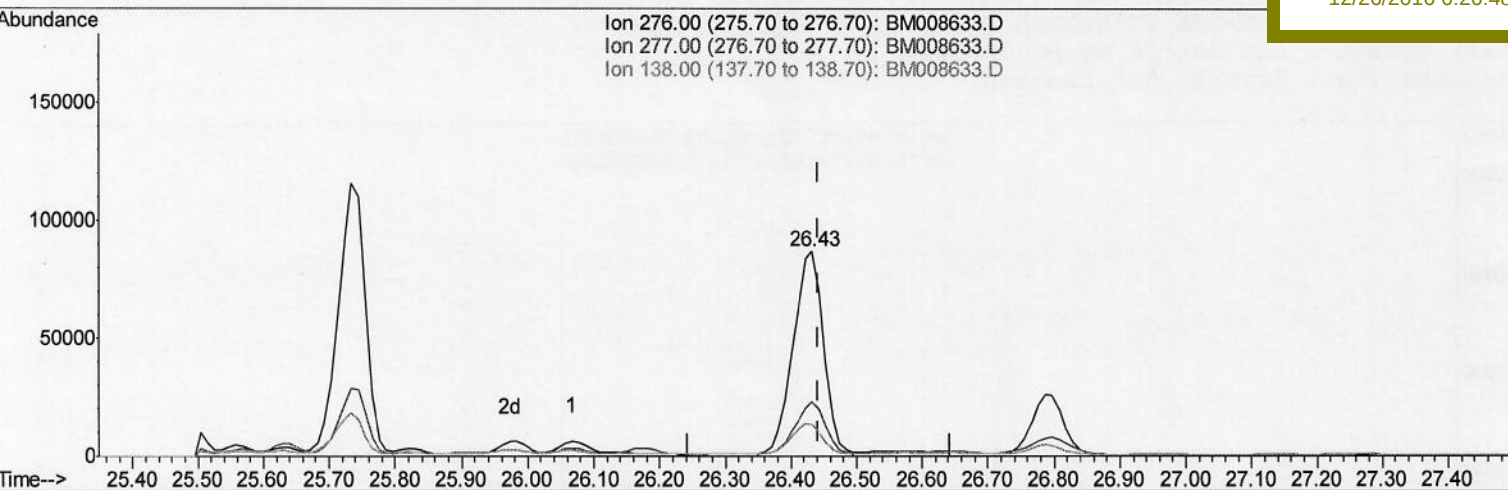
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008633.D
Acq On : 24 Dec 2016 15:16
Operator : UM/SJ
Sample : H5995-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA863

Manual Integrations
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Quant Time: Dec 25 06:25:13 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 04:56:03 2016
Response via : Initial Calibration



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

26.433min (-0.010) 0.66ng/ul m

response 279473

Ion	Exp%	Act%
276.00	100	100
277.00	27.30	25.76
138.00	25.60	15.36#
0.00	0.00	0.00

26.433min (-0.010) 0.66ng/ul m
response 279473
12/27/2016

Quantitation Report (Qedit)

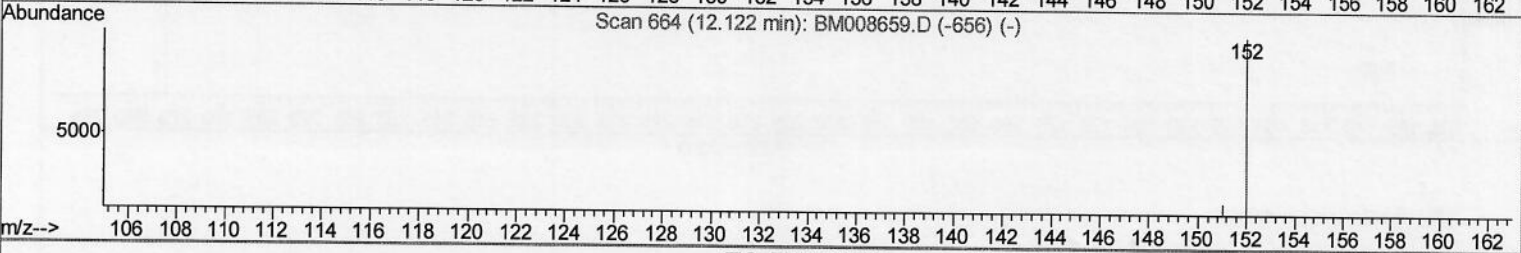
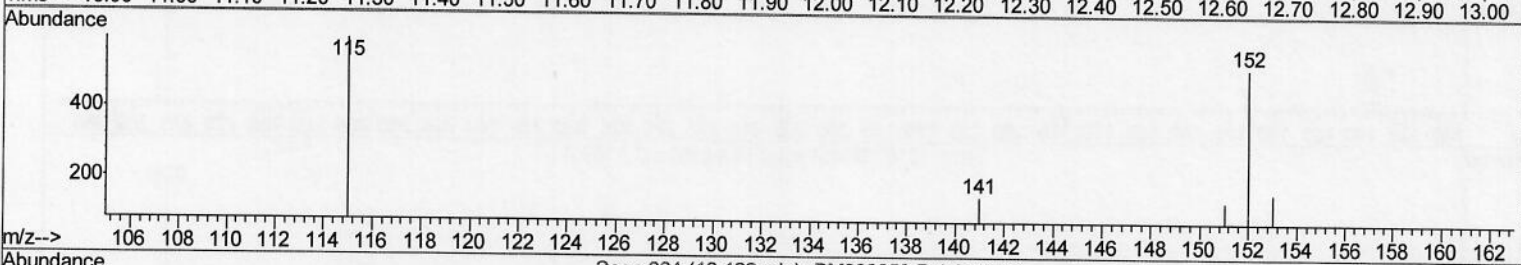
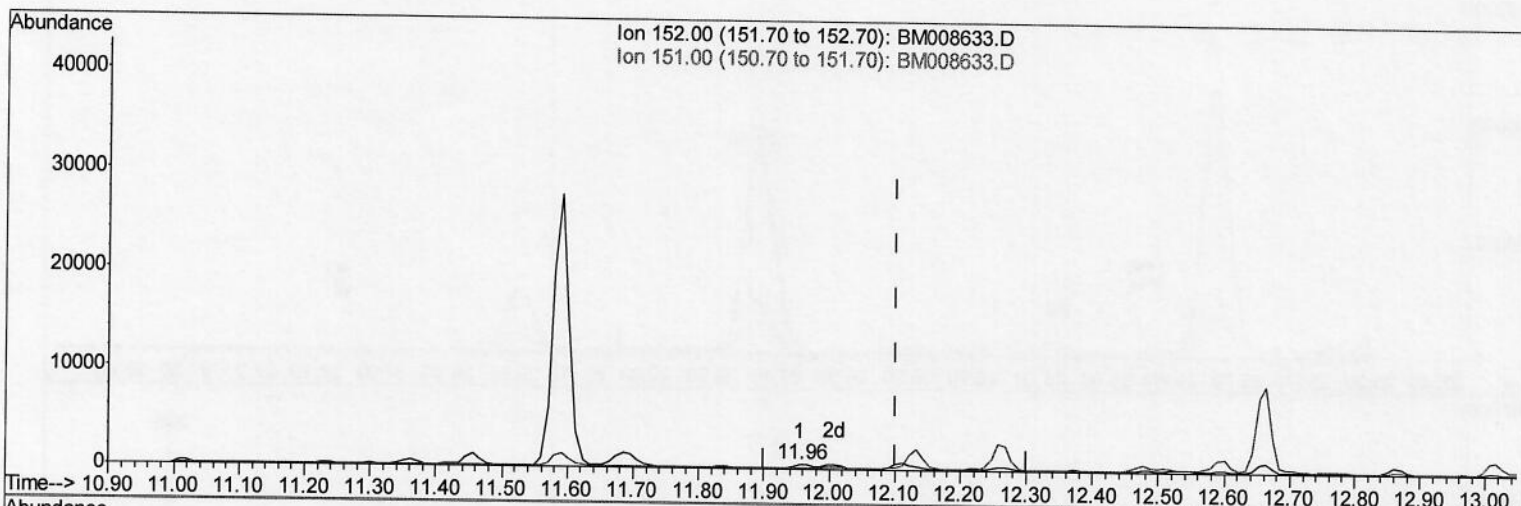
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008633.D
 Acq On : 24 Dec 2016 15:16
 Operator : UM/SJ
 Sample : H5995-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA863

Manual Integrations
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Quant Time: Dec 25 06:27:49 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 04:56:03 2016
 Response via : Initial Calibration



TIC: BM008633.D

(4) 2-Methylnaphthalene-d10 (SURR)

11.955min (-0.146) 0.23ng/ul

response 848

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)

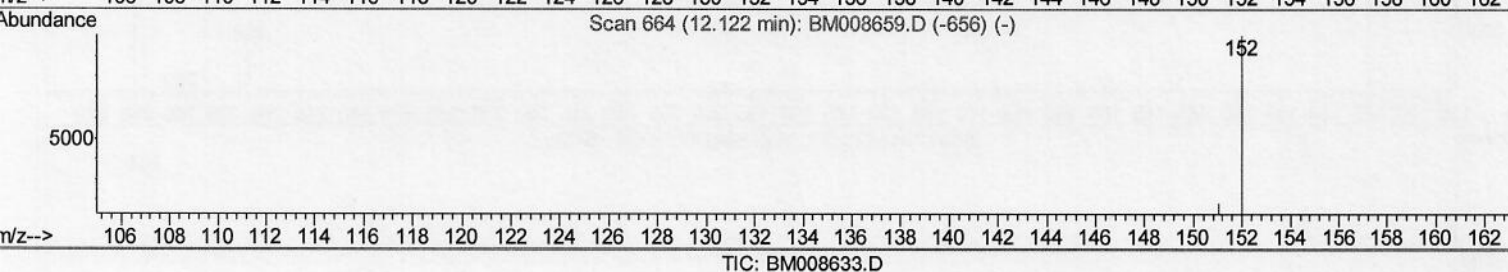
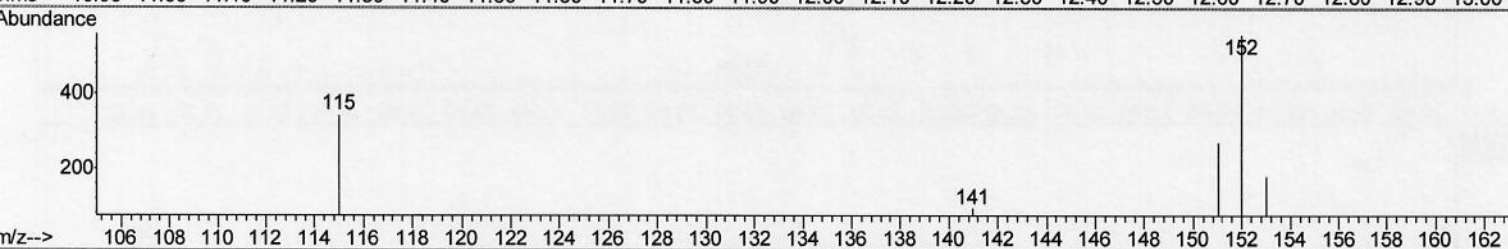
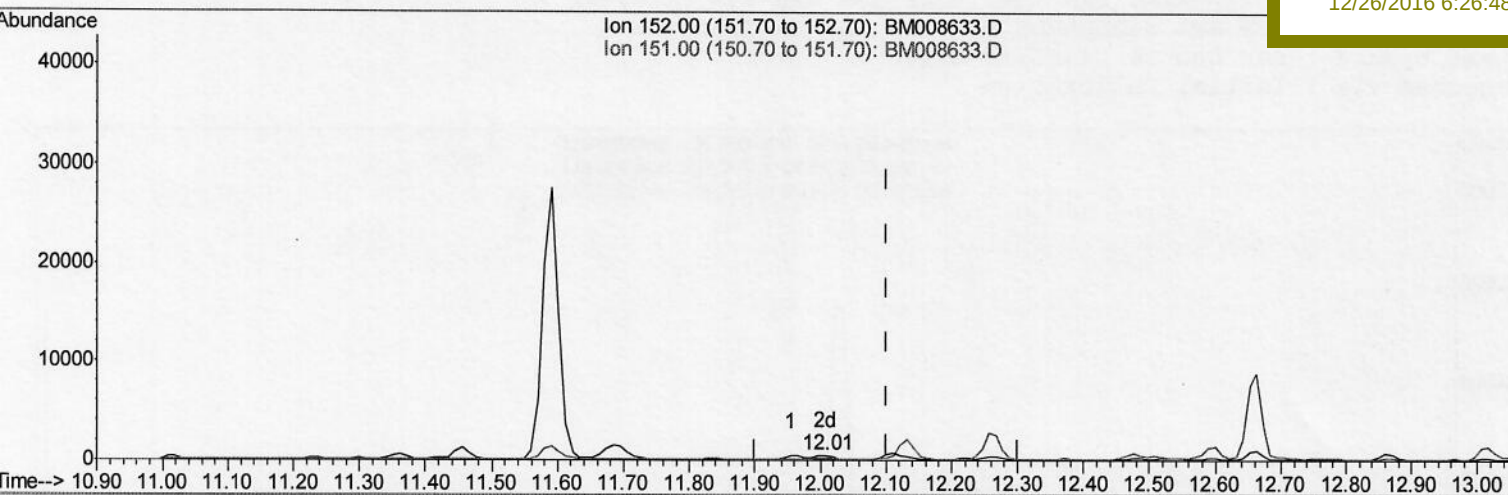
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008633.D
Acq On : 24 Dec 2016 15:16
Operator : UM/SJ
Sample : H5995-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA863

Manual Integrations
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Quant Time: Dec 25 06:27:49 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 04:56:03 2016
Response via : Initial Calibration



(4) 2-Methylnaphthalene-d10 (SURR)

12.007min (-0.094) 0.19ng/ul m

response 698

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

} 35.
12/27/2016

Quantitation Report (Qedit)

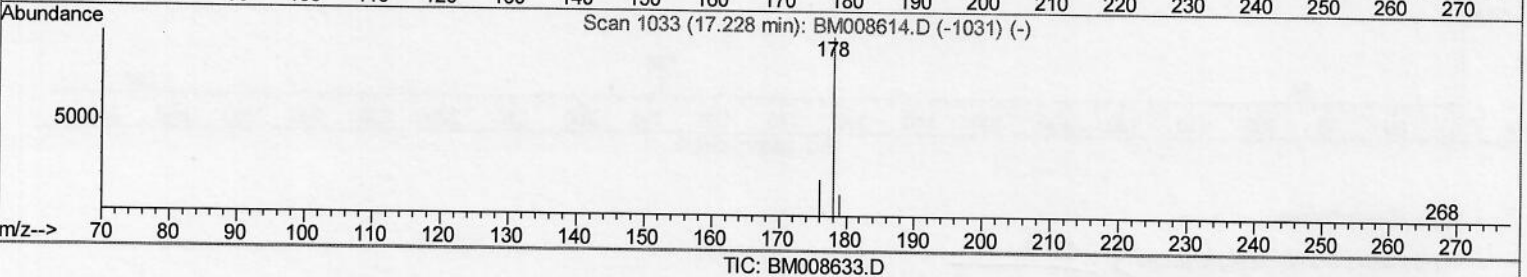
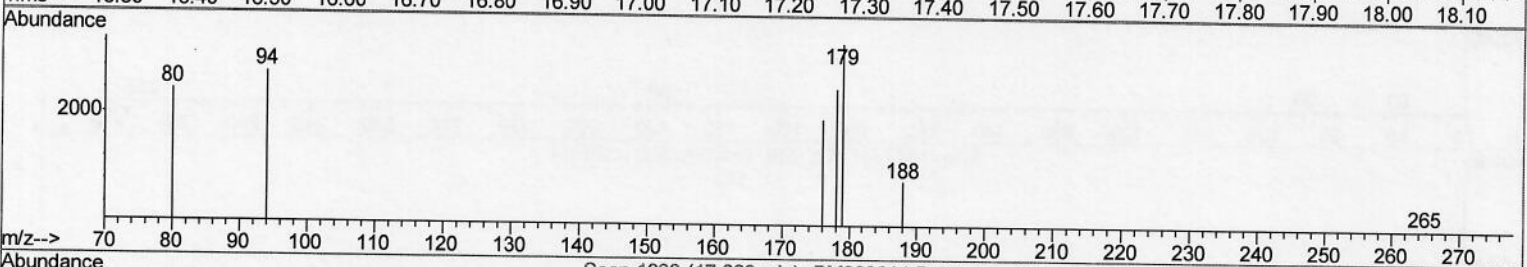
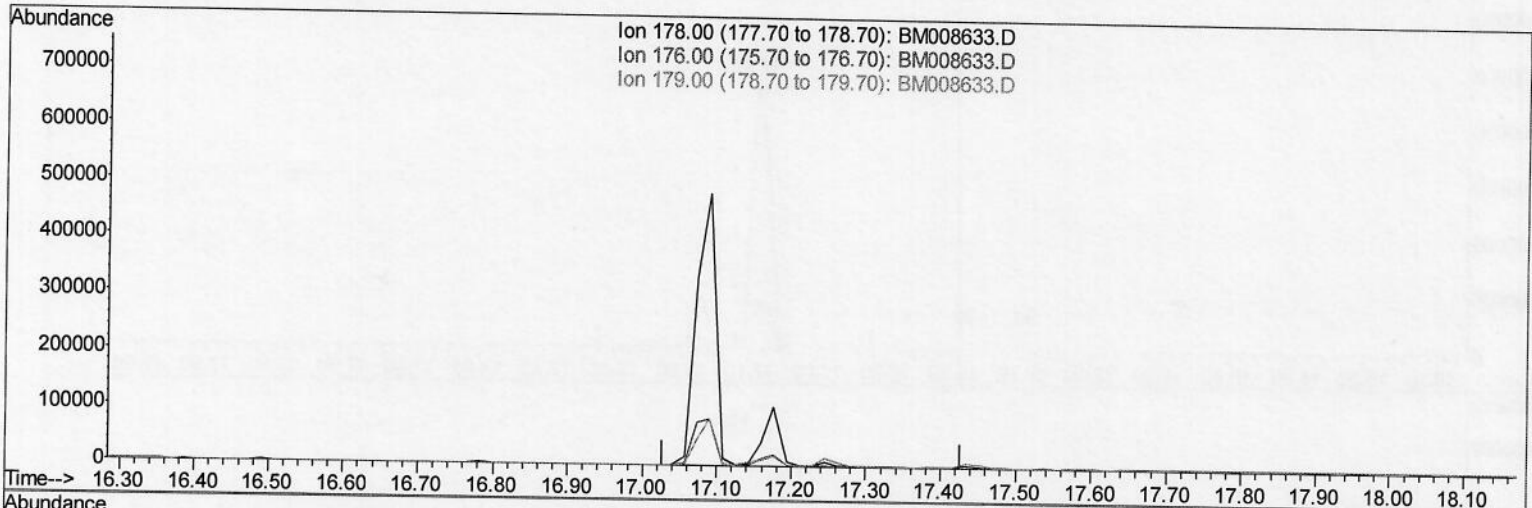
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008633.D
 Acq On : 24 Dec 2016 15:16
 Operator : UM/SJ
 Sample : H5995-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 DA863

Manual Integrations
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Quant Time: Dec 25 06:21:27 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 04:56:03 2016
 Response via : Initial Calibration



TIC: BM008633.D

(13) Anthracene

17.228min (-17.228) 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)

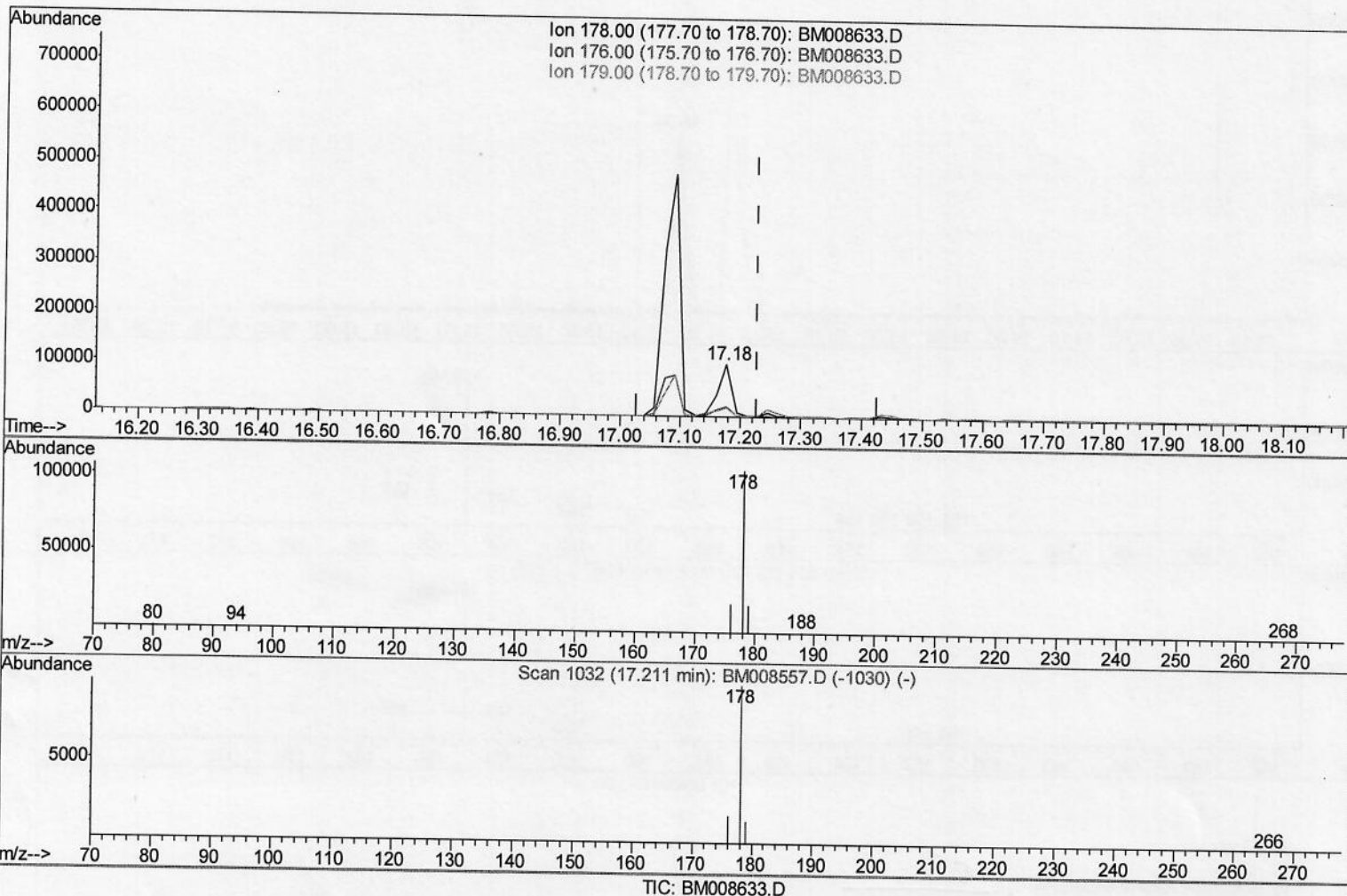
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008633.D
 Acq On : 24 Dec 2016 15:16
 Operator : UM/SJ
 Sample : H5995-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 DA863

Manual Integrations
 APPROVED

sohil
 12/26/2016 6:26:48 PM

Quant Time: Dec 26 13:55:48 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 04:56:03 2016
 Response via : Initial Calibration



(13) Anthracene

17.176min (-0.051) 30.59ng/ul m > 5.5
 response 162174
 12/27/2016

Ion	Exp%	Act%
178.00	100	100
176.00	22.60	18.11
179.00	18.40	16.96
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008633.D
 Acq On : 24 Dec 2016 15:16
 Operator : UM/SJ
 Sample : H5995-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sampled :
 DA863

Quant Time: Dec 26 13:55:48 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
 APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	638	0.40	ng/ul	-0.09
2) Naphthalene-d8	10.42	136	2392m	0.40	ng/ul	-0.08
6) Acenaphthene-d10	14.28	164	2796m	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.04	188	1788m	0.40	ng/ul	-0.05
16) Chrysene-d12	21.26	240	2762m	0.40	ng/ul	-0.01
20) Perylene-d12	23.49	264	3373m	0.40	ng/ul	-0.01

SS.
 12/27/2016

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.01	152	698m	0.19	ng/ul	-0.09
14) Fluoranthene-d10	19.08	212	1897m	0.39	ng/ul	-0.02

SS.
 12/27/2016

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.46	128	105409	15.66	ng/ul#	92
5) 2-Methylnaphthalene	12.08	142	24713	5.46	ng/ul	99
8) Acenaphthene	14.33	153	138807m	14.59	ng/ul	
9) Fluorene	15.34	166	85113m	7.84	ng/ul	
12) Phenanthrene	17.09	178	868338m	159.03	ng/ul	
13) Anthracene	17.18	178	162174m	30.59	ng/ul	
15) Fluoranthene	19.12	202	1129392m	168.72	ng/ul	
17) Pyrene	19.48	202	957459m	89.68	ng/ul	
18) Benzo(a)anthracene	21.24	228	502752m	55.43	ng/ul	
19) Chrysene	21.29	228	464774m	46.81	ng/ul	
21) Benzo(b)fluoranthene	22.83	252	636489m	47.90	ng/ul	
22) Benzo(k)fluoranthene	22.86	252	233917m	18.05	ng/ul	
23) Benzo(a)pyrene	23.40	252	488688m	39.68	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.73	276	326844m	22.27	ng/ul	
25) Dibenzo(a,h)anthracene	25.73	278	74984m	6.39	ng/ul	
26) Benzo(g,h,i)perylene	26.43	276	279473m	22.20	ng/ul	

SS.
 12/27/2016

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

(QT Reviewed)

```
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\  
Data File : BM008633.D  
Acq On    : 24 Dec 2016 15:16  
Operator   : UM/SJ  
Sample     : H5995-02  
Misc      :  
ALS Vial   : 38 Sample Multiplier: 1
```

Instrument :
BNA_M
ClientSampleId :
DA863

Manual Integrations APPROVED

sohil
12/26/2016 6:26:48 PM

Quant Time: Dec 26 13:55:48 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 04:56:03 2016
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