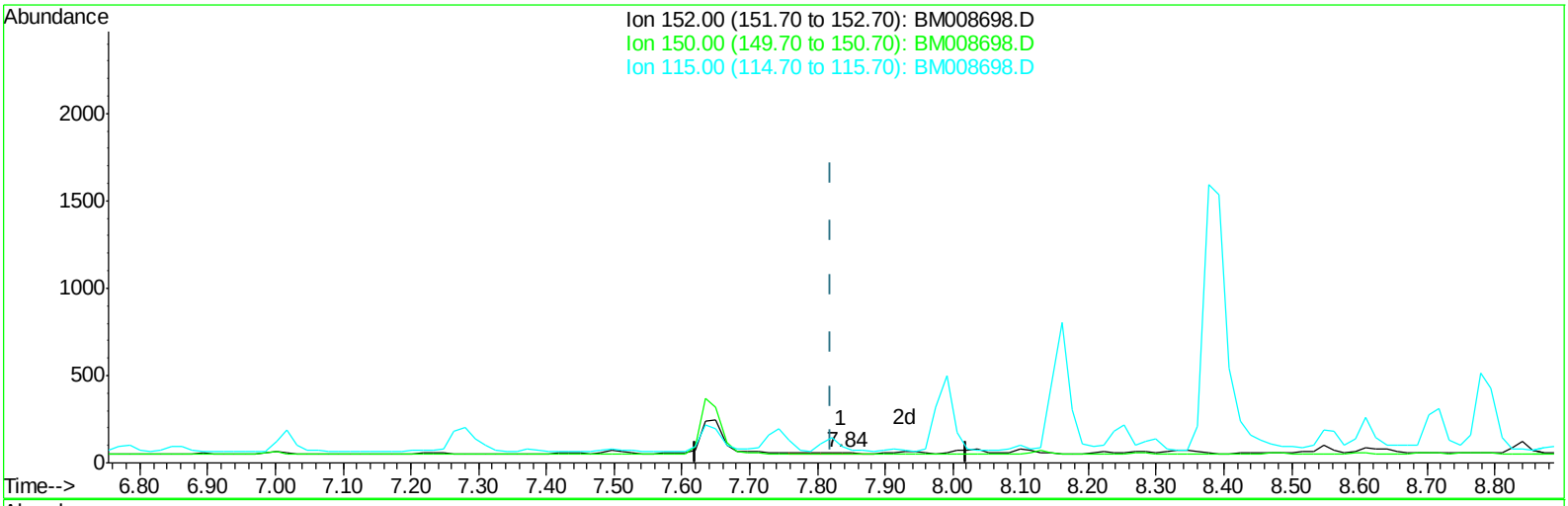
Quantitation Report (Qedit)

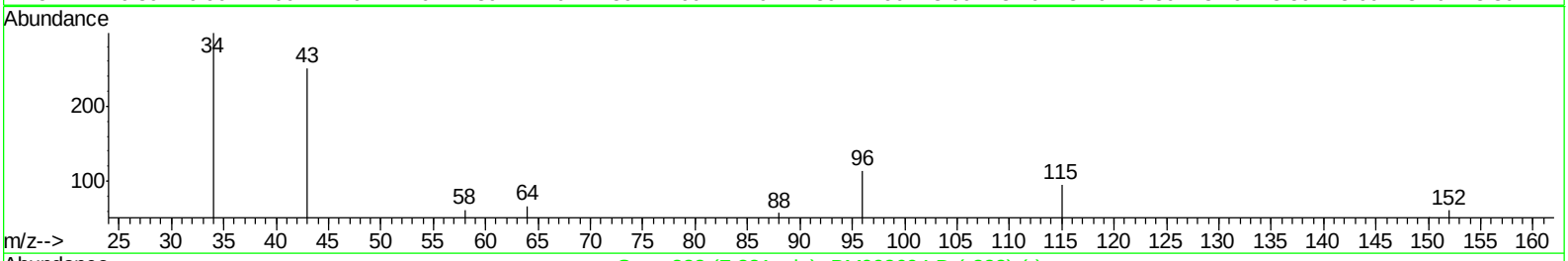
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008698.D
Acq On : 28 Dec 2016 17:55
Operator : UM/SJ
Sample : H5995-03DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

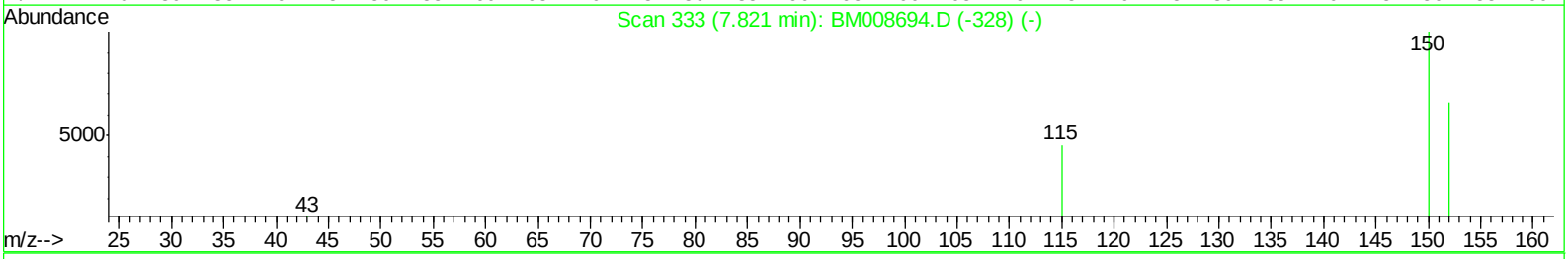
Quant Time: Dec 29 03:33:14 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 03:29:39 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA864DL

Manual Integrations APPROVED
mohammad
12/30/2016 8:53:33 AM







TIC: BM008698.D

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

7.836min (+0.015) 0.40ng/ul

response 26

Ion	Exp%	Act%
152.00	100	100
150.00	143.40	83.61#
115.00	64.90	155.74#
0.00	0.00	0.00

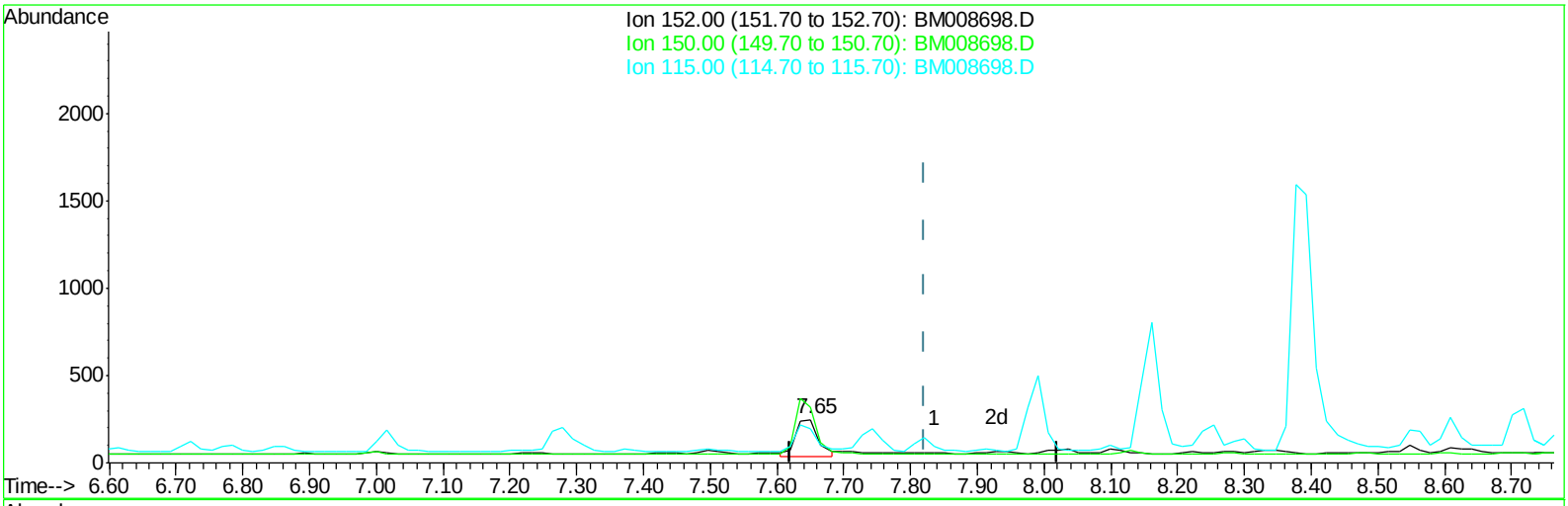
Quantitation Report (Qedit)

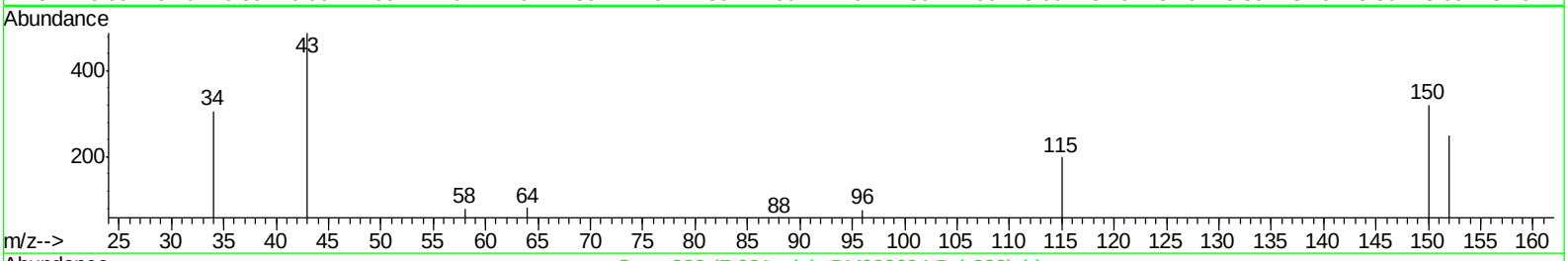
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008698.D
Acq On : 28 Dec 2016 17:55
Operator : UM/SJ
Sample : H5995-03DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

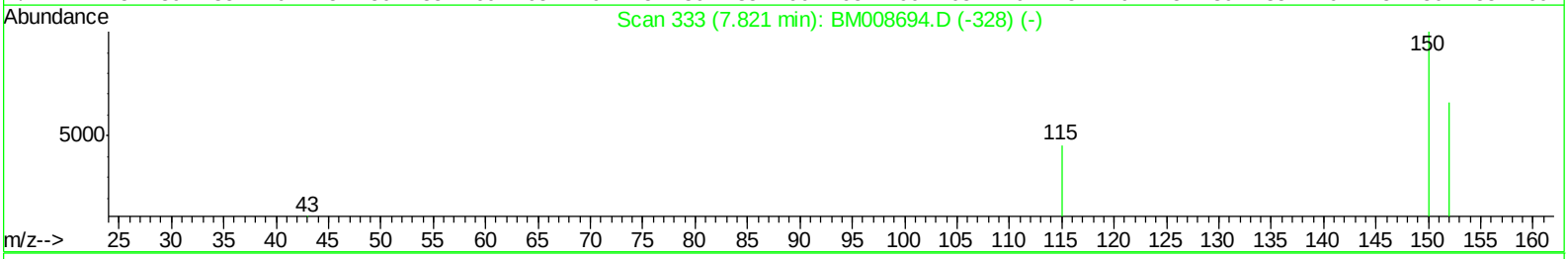
Quant Time: Dec 29 03:33:14 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 03:29:39 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA864DL

Manual Integrations APPROVED
mohammad
12/30/2016 8:53:33 AM







TIC: BM008698.D

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

7.650min (-0.170) 0.40ng/ul m

response 508

Ion	Exp%	Act%
152.00	100	100
150.00	143.40	128.40
115.00	64.90	79.60#
0.00	0.00	0.00

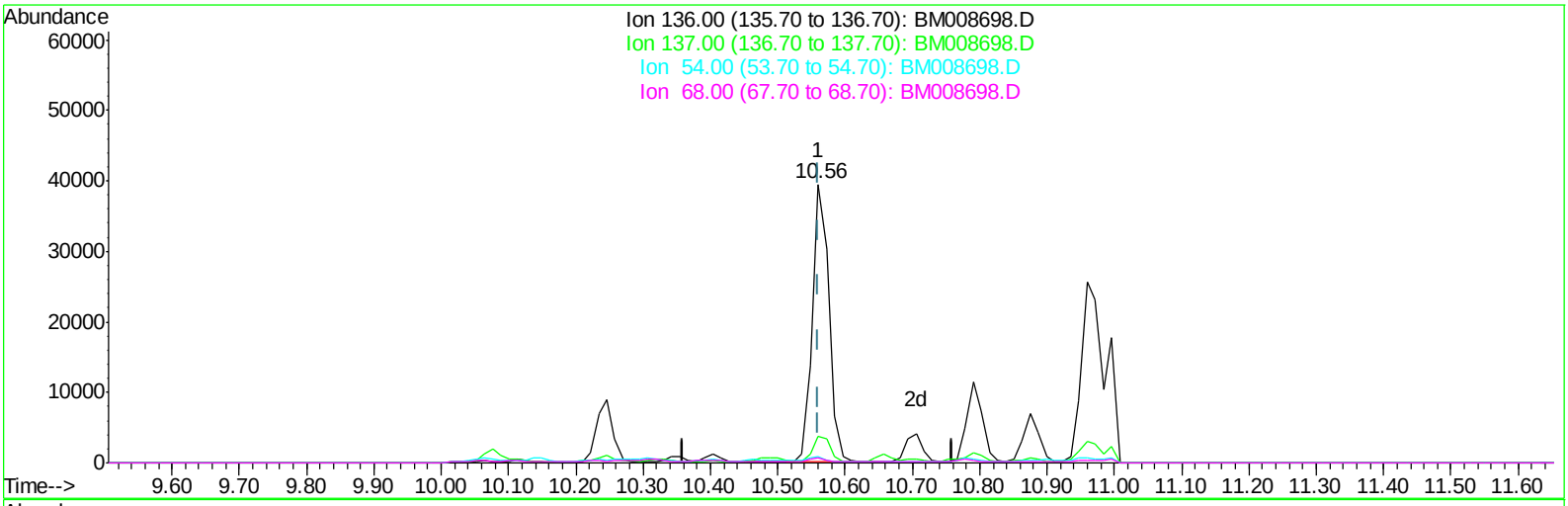
Quantitation Report (Qedit)

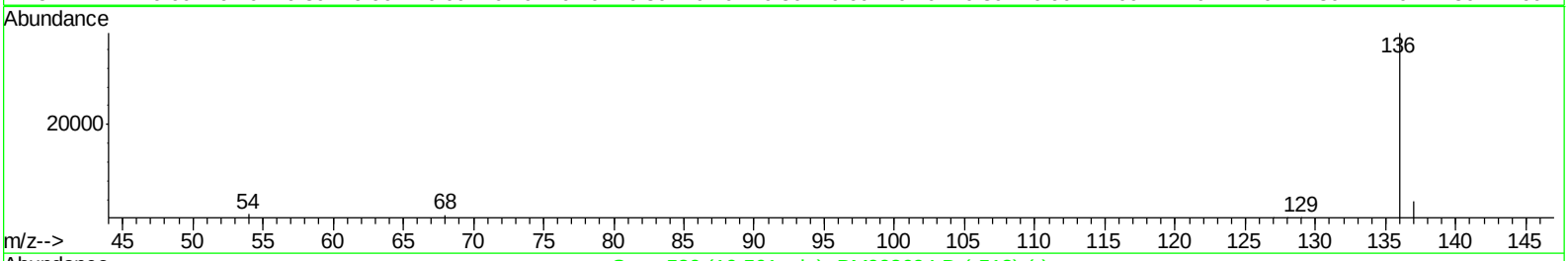
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008698.D
Acq On : 28 Dec 2016 17:55
Operator : UM/SJ
Sample : H5995-03DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

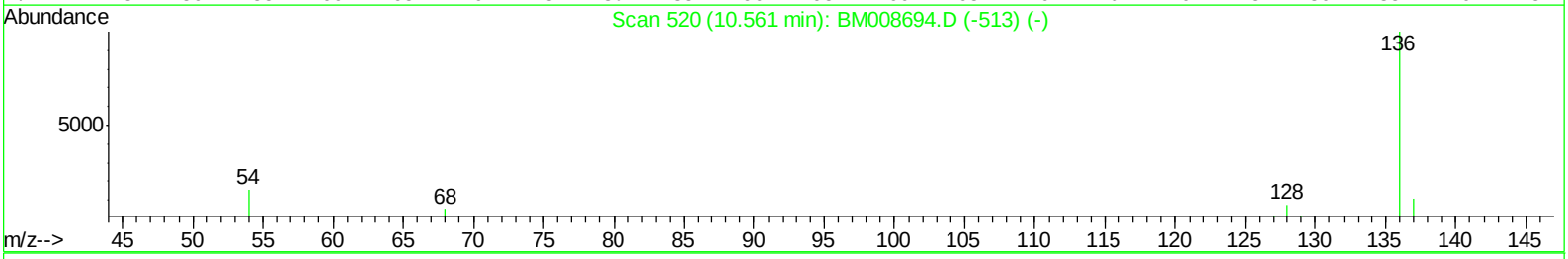
Quant Time: Dec 29 03:33:14 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 03:29:39 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA864DL

Manual Integrations APPROVED
mohammad
12/30/2016 8:53:33 AM







TIC: BM008698.D

(2) Naphthalene-d8 (I)

10.560min (-0.000) 0.40ng/ul

response 67093

Ion	Exp%	Act%
136.00	100	100
137.00	13.90	9.54#
54.00	15.50	2.21#
68.00	9.90	1.86#

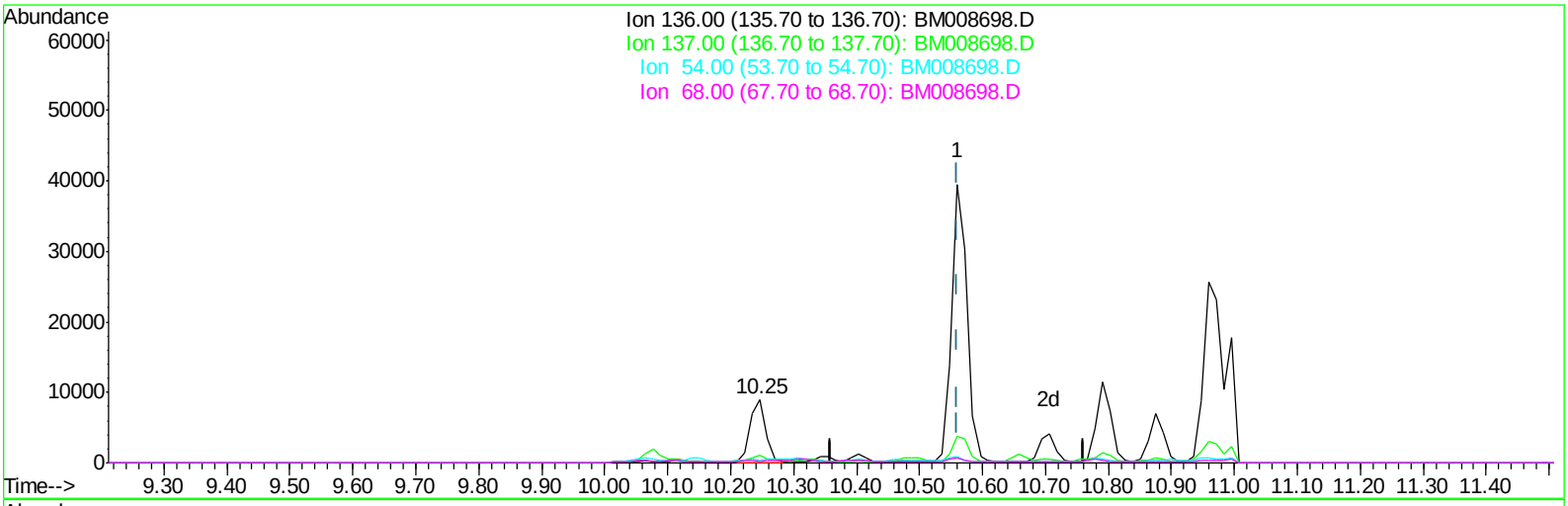
Quantitation Report (Qedit)

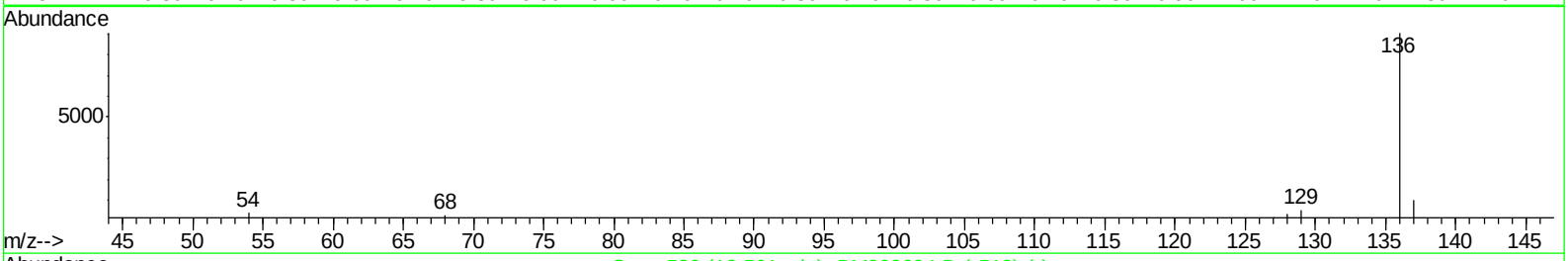
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008698.D
Acq On : 28 Dec 2016 17:55
Operator : UM/SJ
Sample : H5995-03DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

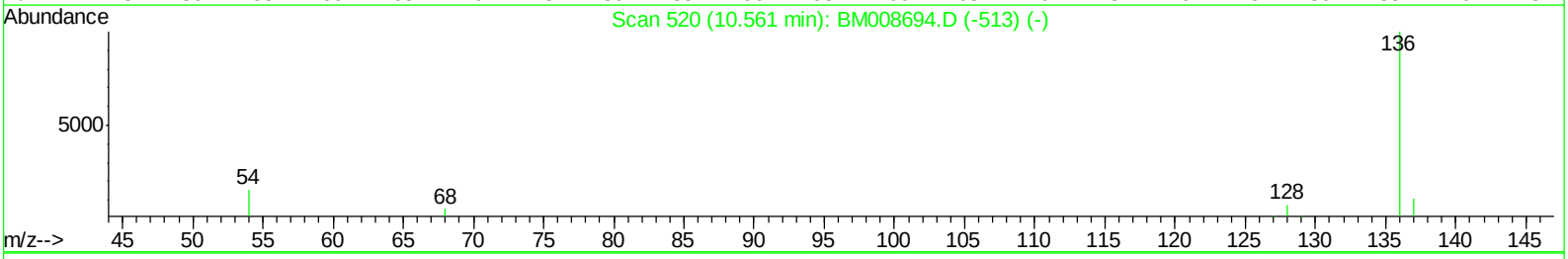
Quant Time: Dec 29 03:33:14 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 03:29:39 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA864DL

Manual Integrations APPROVED
mohammad
12/30/2016 8:53:33 AM







TIC: BM008698.D

(2) Naphthalene-d8 (I)

10.246min (-0.315) 0.40ng/ul m

response 15644

Ion	Exp%	Act%
136.00	100	100
137.00	13.90	11.32
54.00	15.50	4.41#
68.00	9.90	2.92#

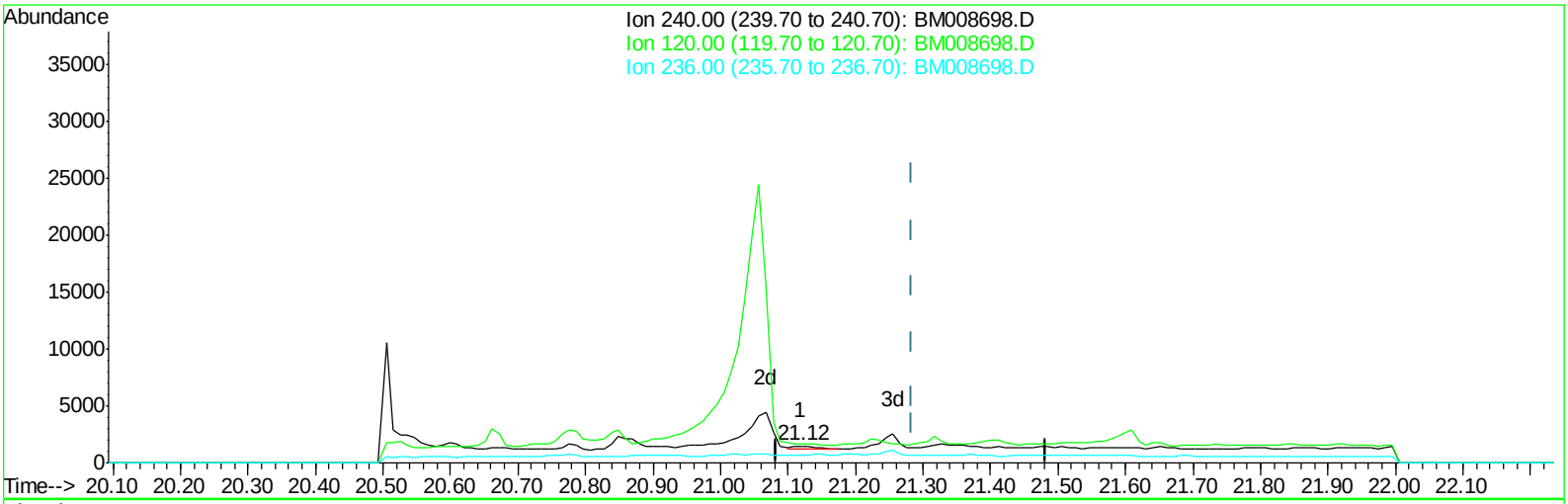
Quantitation Report (Qedit)

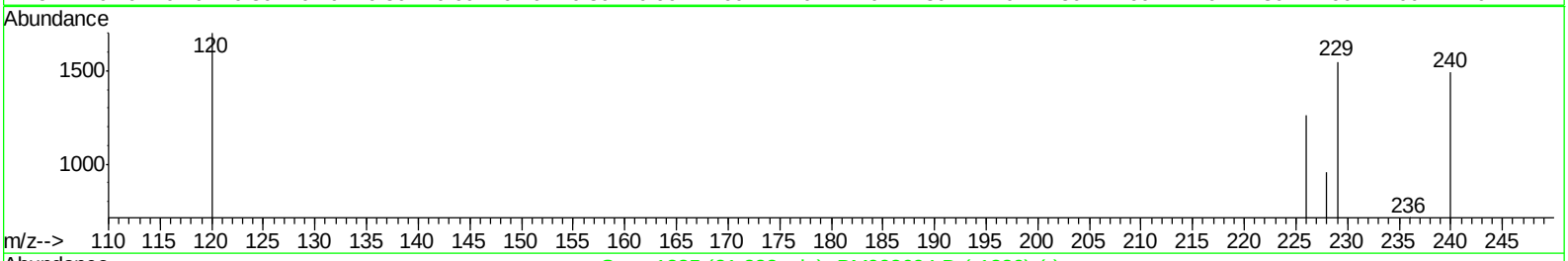
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008698.D
Acq On : 28 Dec 2016 17:55
Operator : UM/SJ
Sample : H5995-03DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

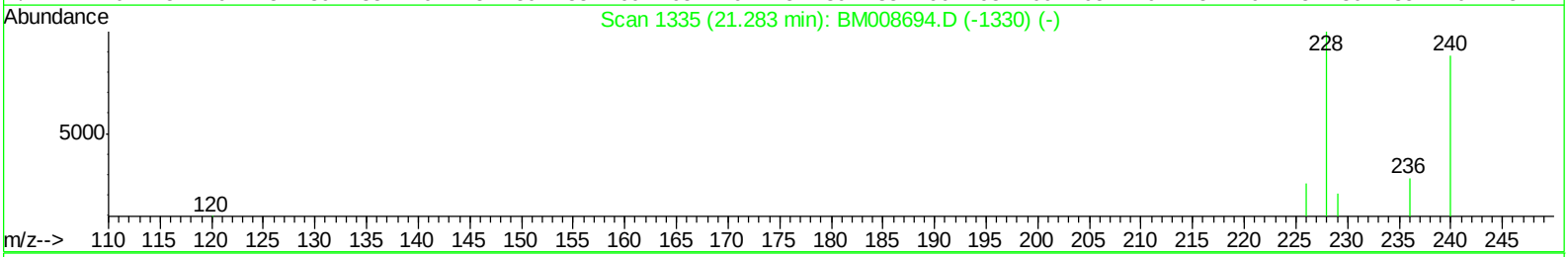
Quant Time: Dec 29 03:33:14 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 03:29:39 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA864DL

Manual Integrations APPROVED
mohammad
12/30/2016 8:53:33 AM







TIC: BM008698.D

(16) Chrysene-d12 (I)

21.120min (-0.164) 0.40ng/ul

response 523

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	114.22#
236.00	34.90	47.82#
0.00	0.00	0.00

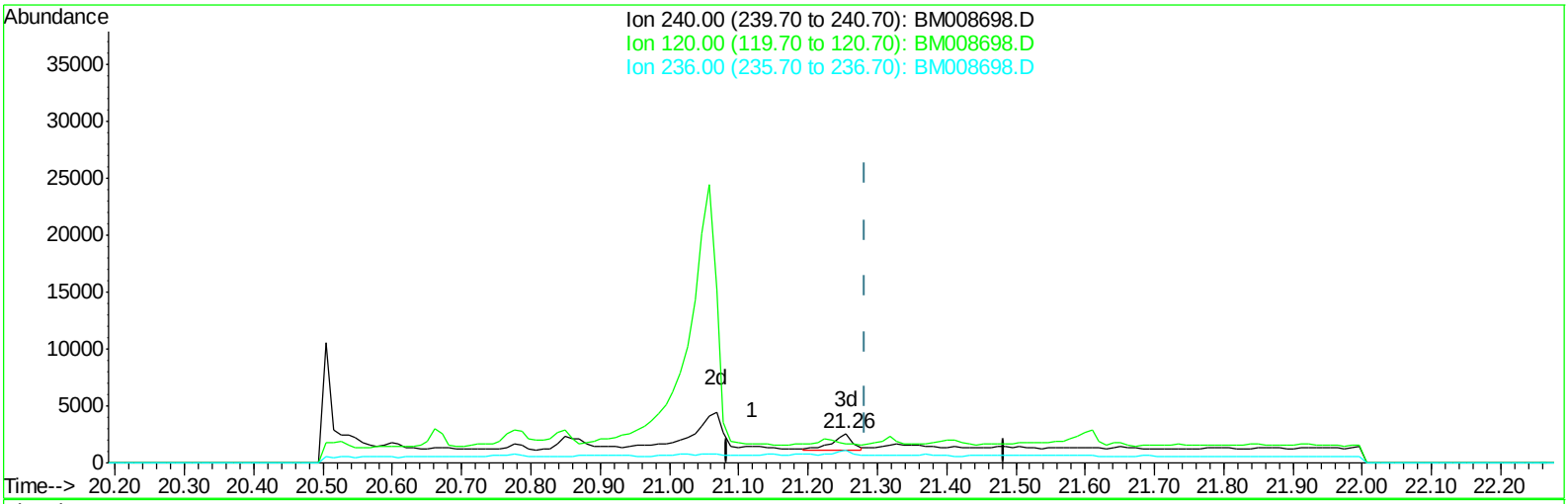
Quantitation Report (Qedit)

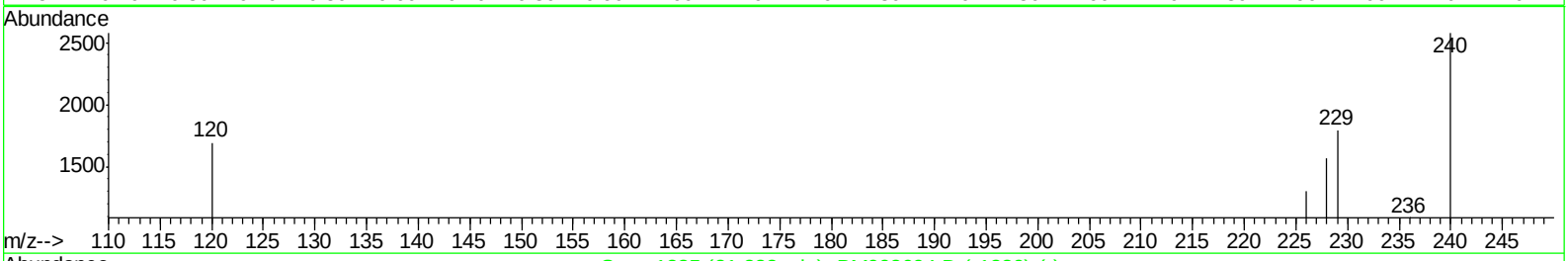
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008698.D
Acq On : 28 Dec 2016 17:55
Operator : UM/SJ
Sample : H5995-03DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

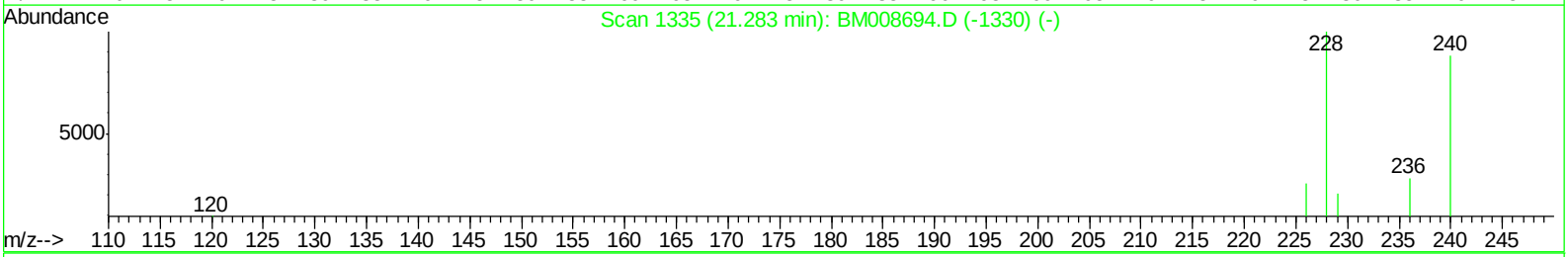
Quant Time: Dec 29 03:33:14 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 03:29:39 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA864DL

Manual Integrations APPROVED
mohammad
12/30/2016 8:53:33 AM







TIC: BM008698.D

(16) Chrysene-d12 (I)

21.255min (-0.028) 0.40ng/ul m

response 3022

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	65.71#
236.00	34.90	42.13#
0.00	0.00	0.00

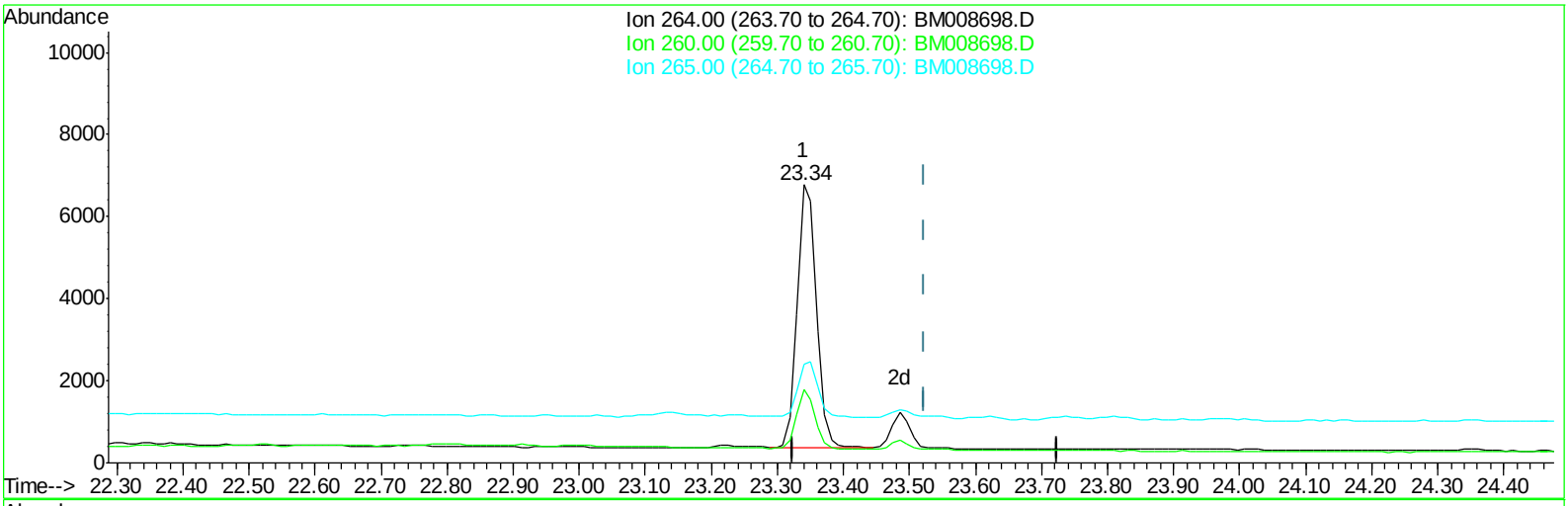
Quantitation Report (Qedit)

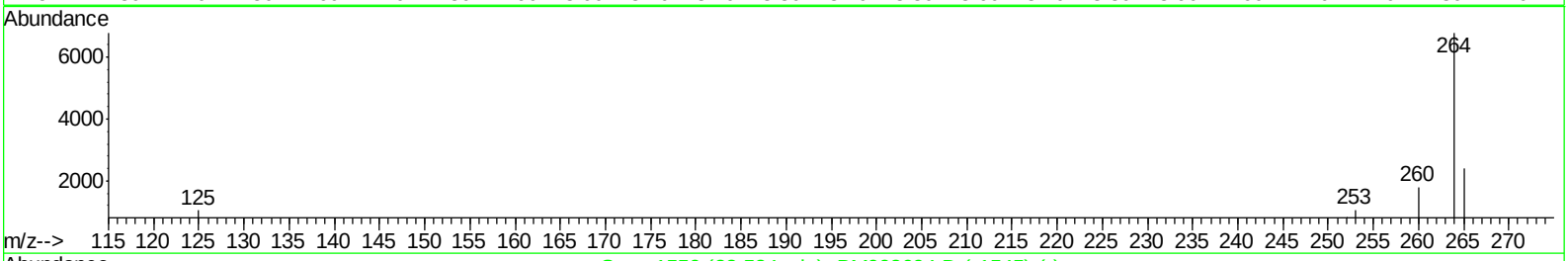
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008698.D
Acq On : 28 Dec 2016 17:55
Operator : UM/SJ
Sample : H5995-03DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

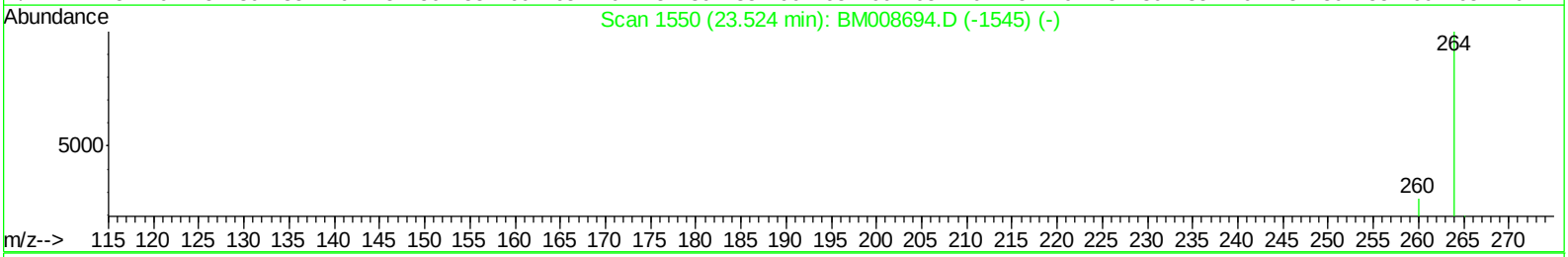
Quant Time: Dec 29 03:33:14 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 03:29:39 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA864DL

Manual Integrations APPROVED
mohammad
12/30/2016 8:53:33 AM







TIC: BM008698.D

(20) Perylene-d12 (I)

23.340min (-0.184) 0.40ng/ul

response 12788

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	26.40
265.00	103.50	35.39#
0.00	0.00	0.00

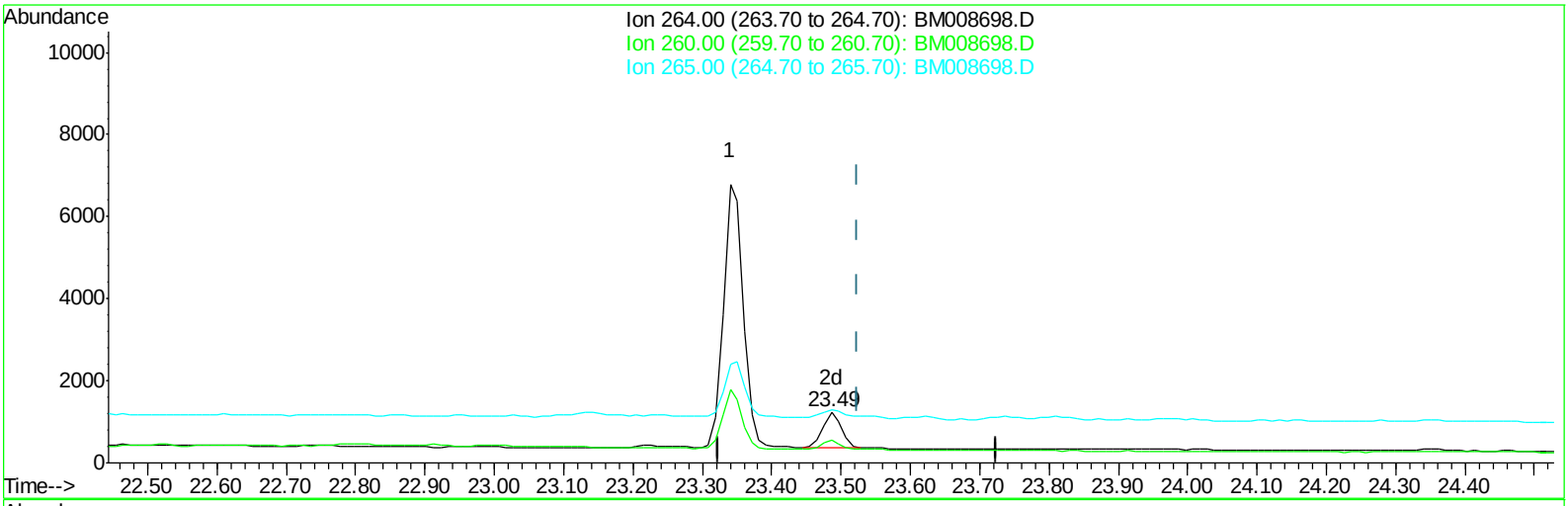
Quantitation Report (Qedit)

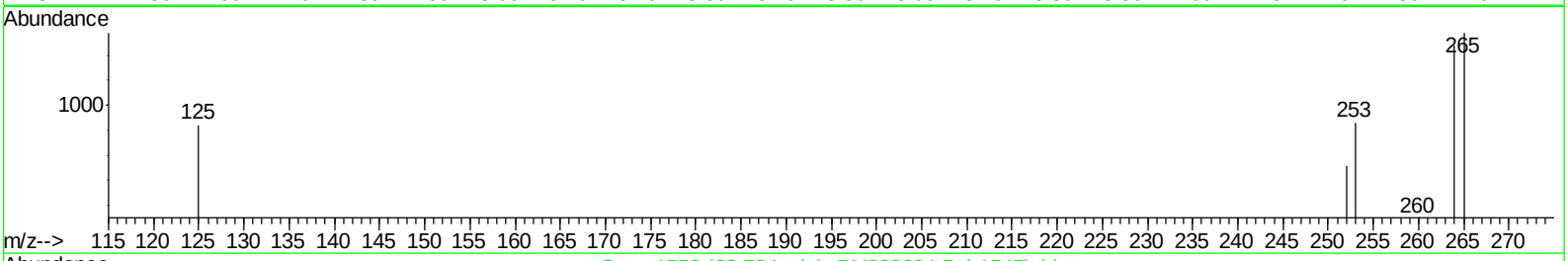
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008698.D
Acq On : 28 Dec 2016 17:55
Operator : UM/SJ
Sample : H5995-03DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

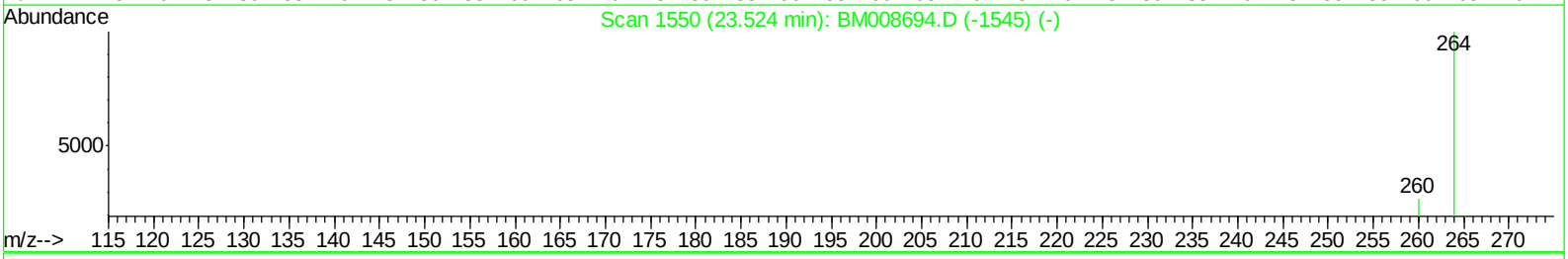
Quant Time: Dec 29 03:33:14 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 03:29:39 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA864DL

Manual Integrations APPROVED
mohammad
12/30/2016 8:53:33 AM







TIC: BM008698.D

(20) Perylene-d12 (I)

23.486min (-0.038) 0.40ng/ul m

response 1638

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	44.35#
265.00	103.50	104.20
0.00	0.00	0.00

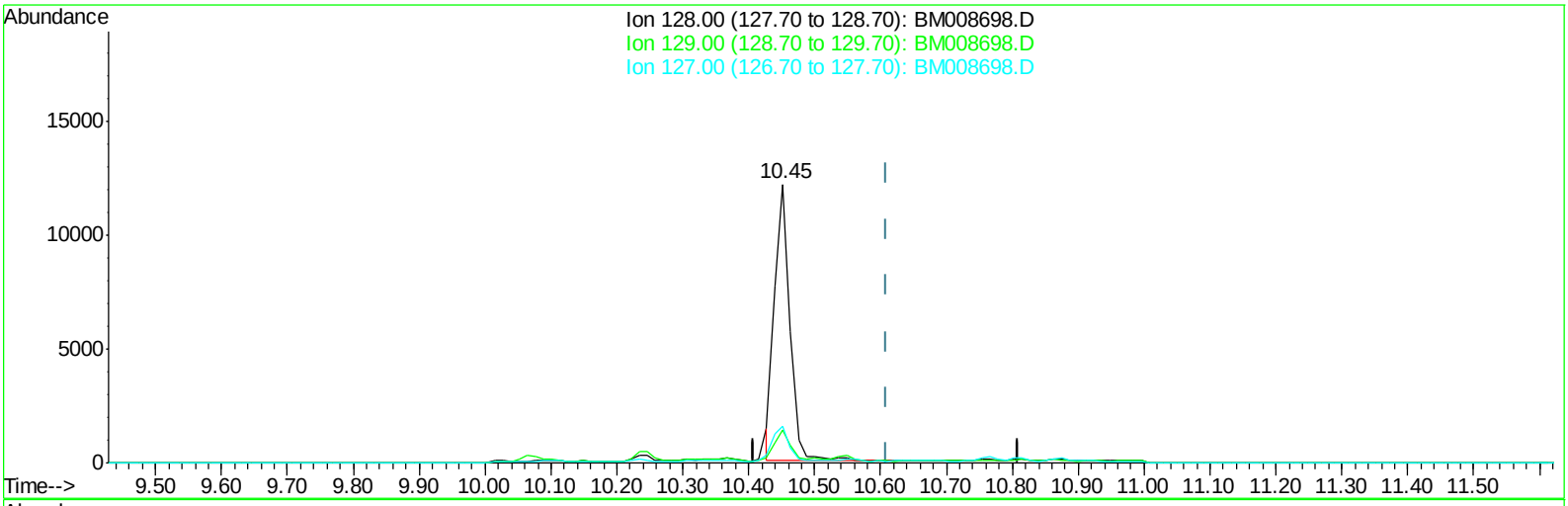
Quantitation Report (Qedit)

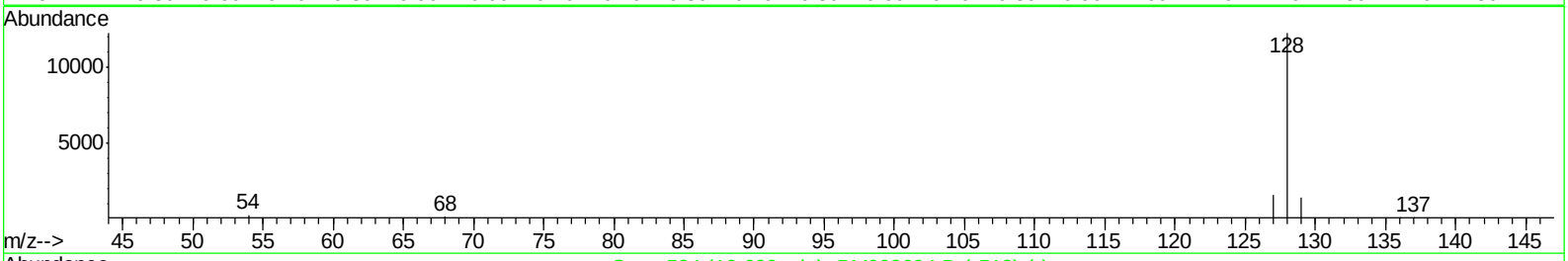
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008698.D
Acq On : 28 Dec 2016 17:55
Operator : UM/SJ
Sample : H5995-03DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

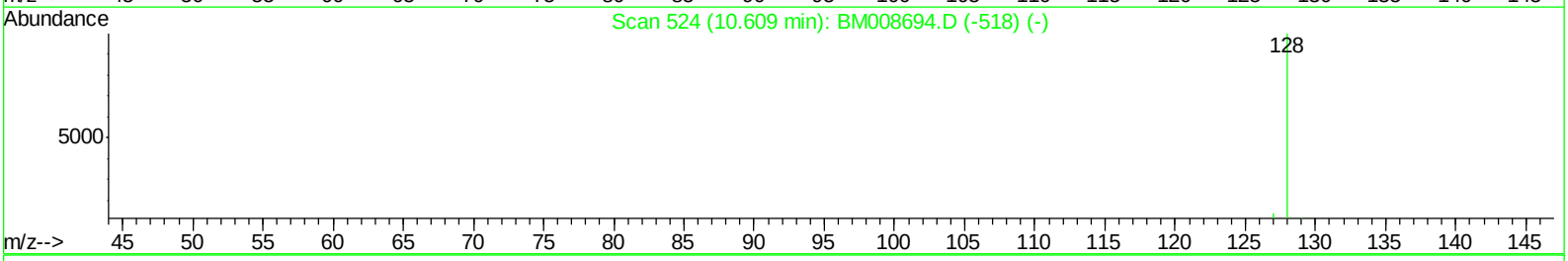
Quant Time: Dec 29 03:56:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 03:29:39 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA864DL

Manual Integrations APPROVED
mohammad
12/30/2016 8:53:33 AM







TIC: BM008698.D

(3) Naphthalene

10.452min (-0.157) 0.45ng/ul

response 19889

Ion	Exp%	Act%
128.00	100	100
129.00	14.10	11.96
127.00	16.00	13.16
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008698.D
Acq On : 28 Dec 2016 17:55
Operator : UM/SJ
Sample : H5995-03DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 29 03:56:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
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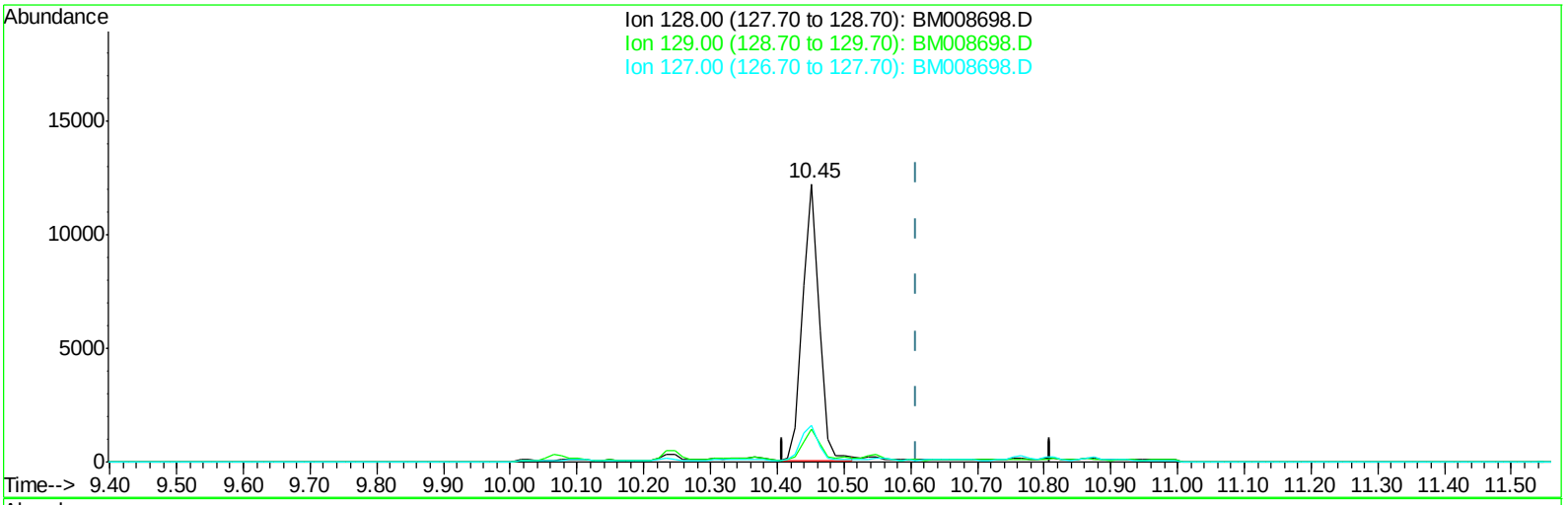
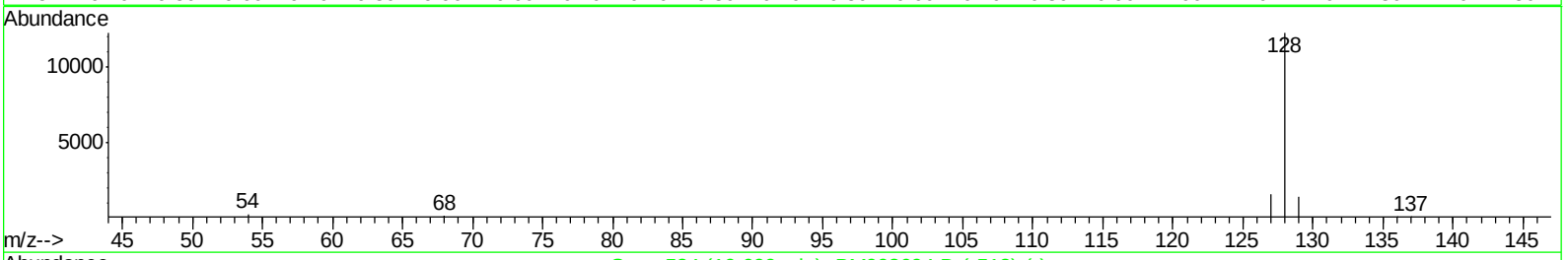
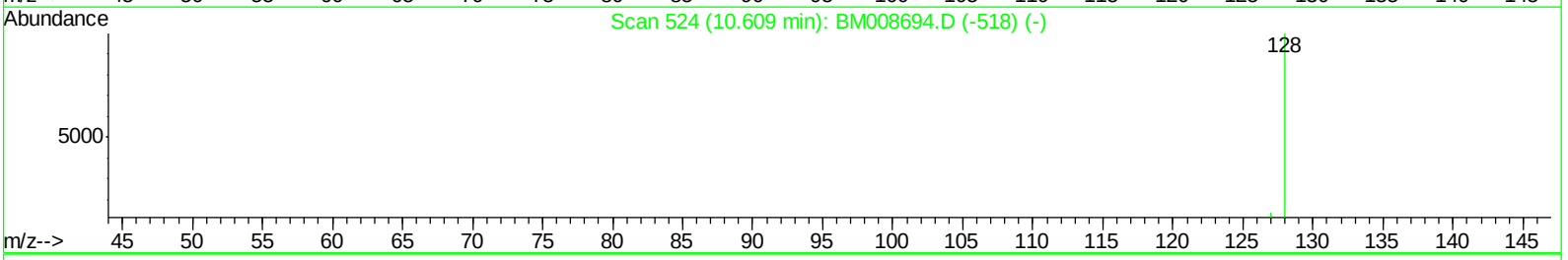
Instrument :
BNA_M
ClientSampleId :
DA864DL

Manual Integrations APPROVED
mohammad
12/30/2016 8:53:33 AM







TIC: BM008698.D

(3) Naphthalene

10.452min (-0.157) 0.47ng/ul m

response 20905

Ion	Exp%	Act%
128.00	100	100
129.00	14.10	11.96
127.00	16.00	13.16
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008698.D
Acq On : 28 Dec 2016 17:55
Operator : UM/SJ
Sample : H5995-03DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 29 03:56:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
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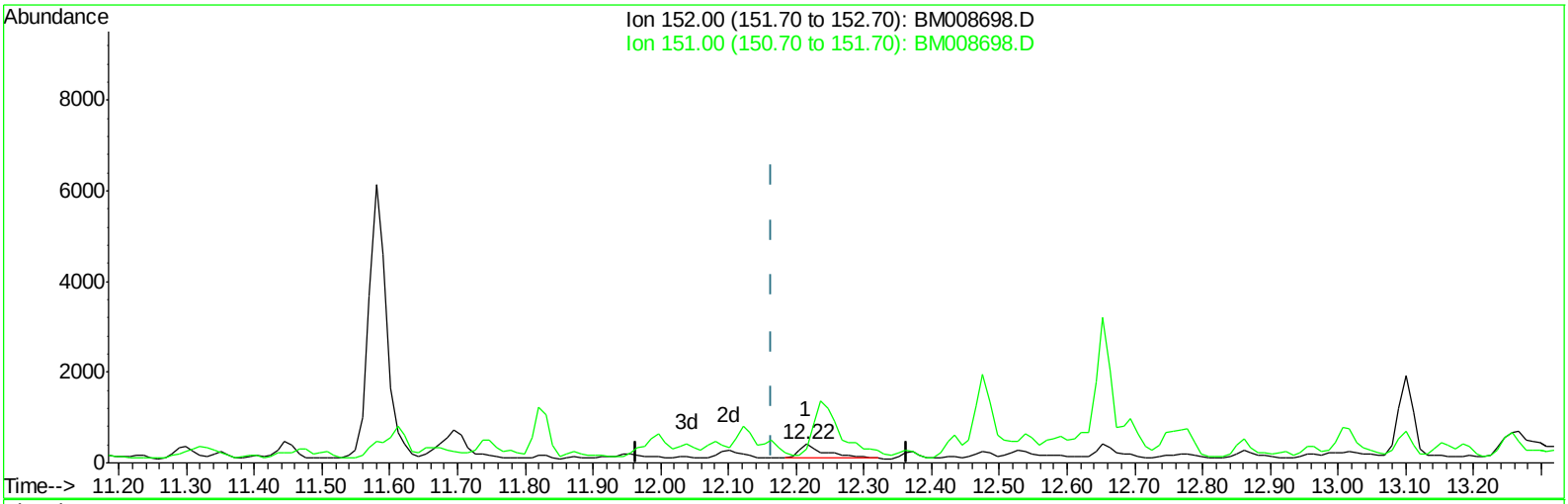
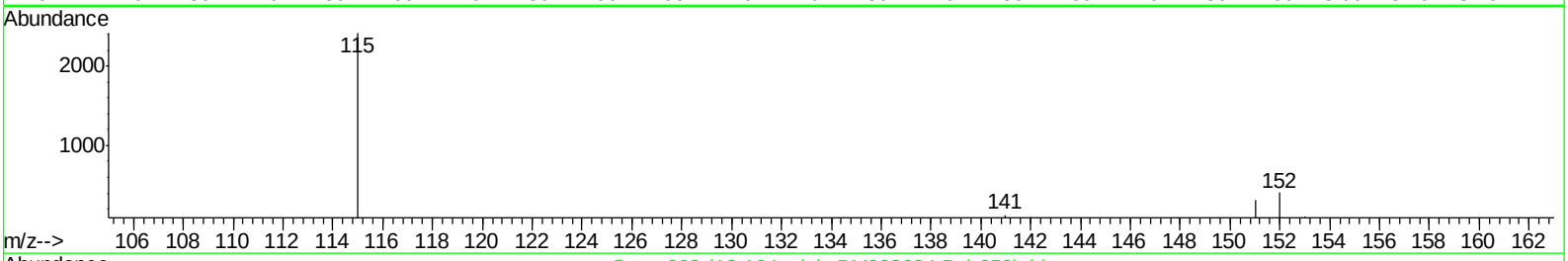
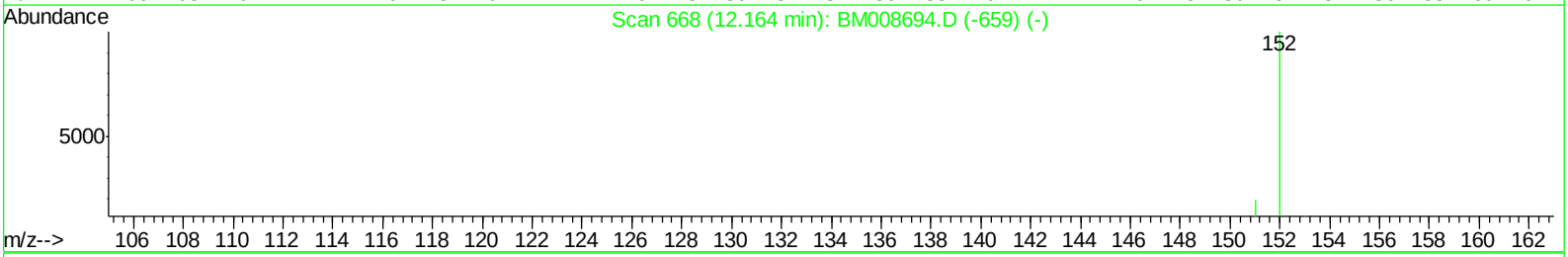
QLast Update : Thu Dec 29 03:29:39 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA864DL

Manual Integrations APPROVED
mohammad
12/30/2016 8:53:33 AM







TIC: BM008698.D

(4) 2-Methylnaphthalene-d10 (SURR)

12.215min (+0.052) 0.03ng/ul

response 816

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\BM122816\
Data File : BM008698.D
Acq On : 28 Dec 2016 17:55
Operator : UM/SJ
Sample : H5995-03DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 29 03:56:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
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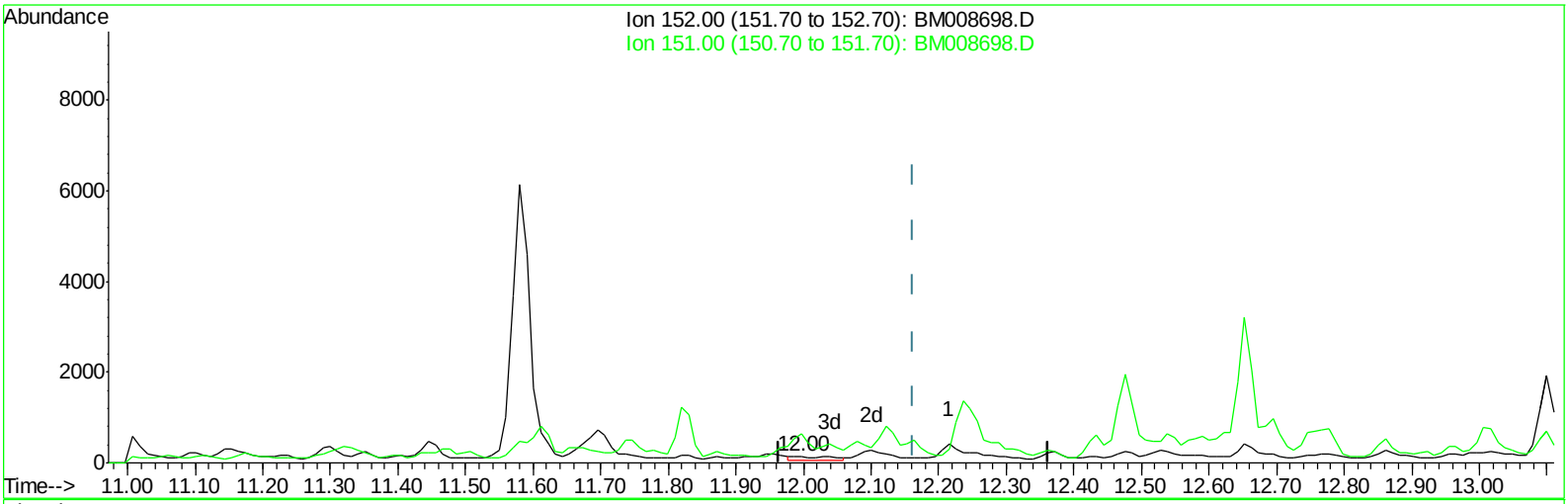
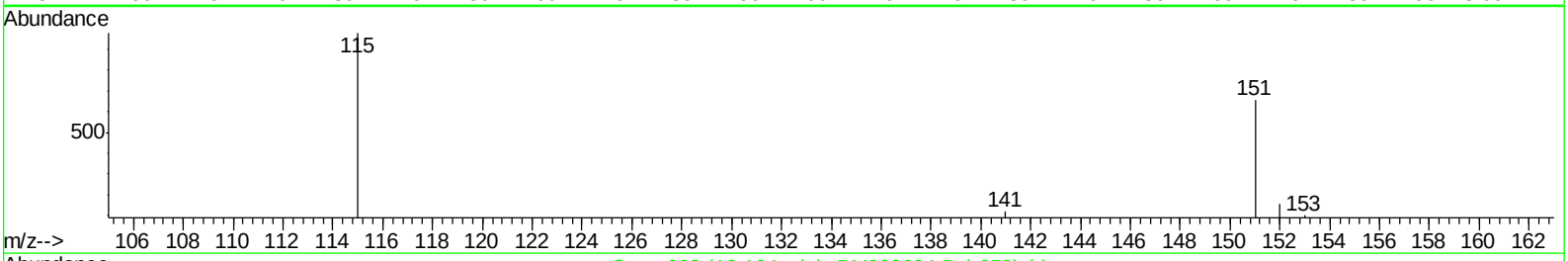
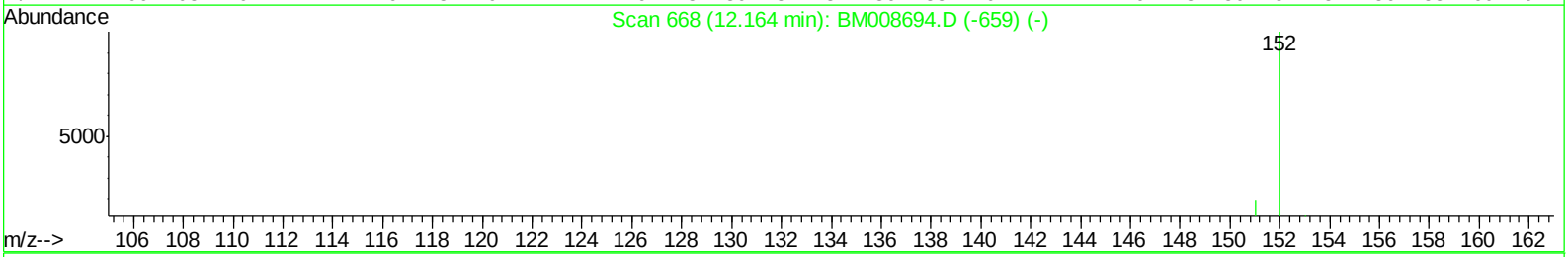
Instrument :
BNA_M
ClientSampleId :
DA864DL

Manual Integrations APPROVED
mohammad
12/30/2016 8:53:33 AM







TIC: BM008698.D

(4) 2-Methylnaphthalene-d10 (SURR)

11.997min (-0.167) 0.02ng/ul m

response 415

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

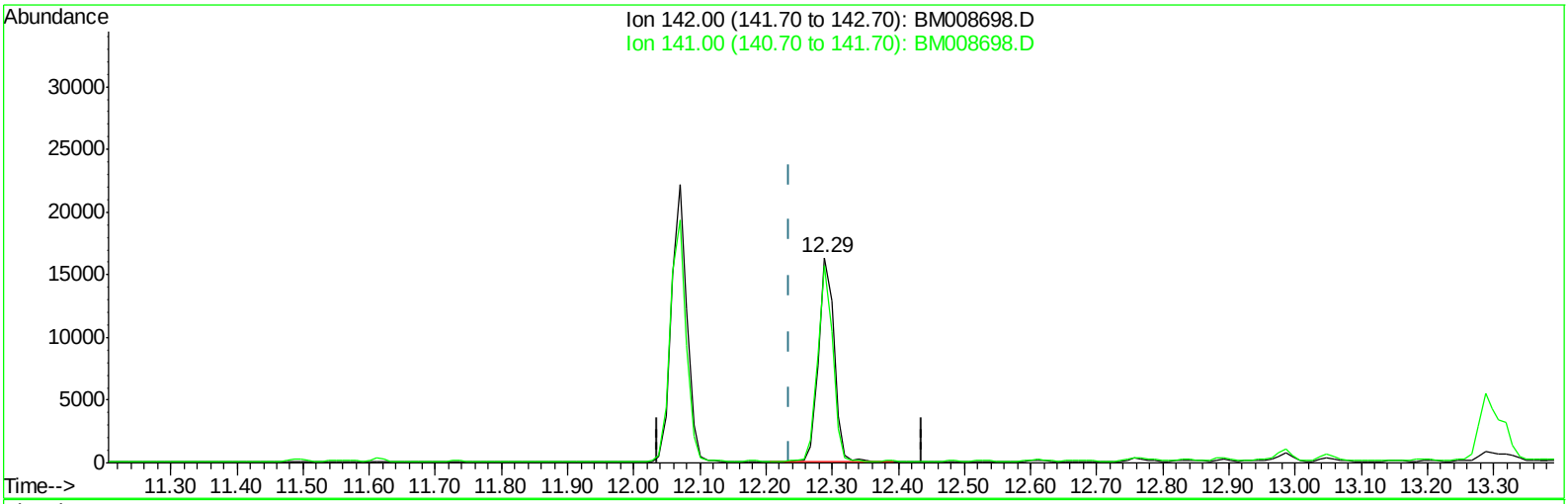
Quantitation Report (Qedit)

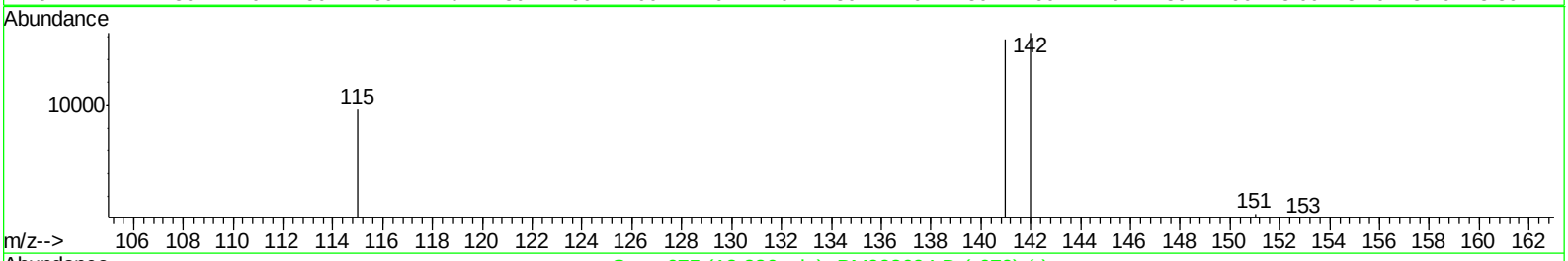
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008698.D
Acq On : 28 Dec 2016 17:55
Operator : UM/SJ
Sample : H5995-03DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

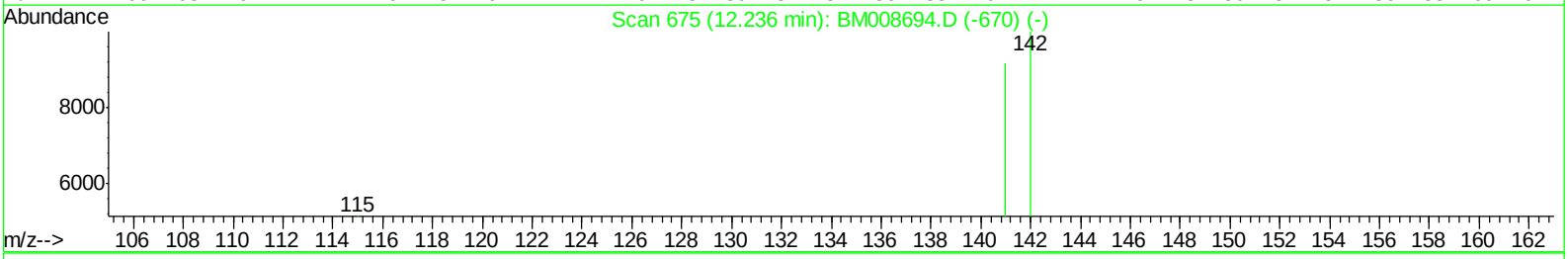
Quant Time: Dec 29 03:56:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 03:29:39 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA864DL

Manual Integrations APPROVED
mohammad
12/30/2016 8:53:33 AM







TIC: BM008698.D

(5) 2-Methylnaphthalene

12.288min (+0.052) 0.91ng/ul

response 26951

Ion	Exp%	Act%
142.00	100	100
141.00	90.70	91.74
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008698.D
Acq On : 28 Dec 2016 17:55
Operator : UM/SJ
Sample : H5995-03DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 29 03:56:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 03:29:39 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA864DL

Manual Integrations APPROVED
mohammad
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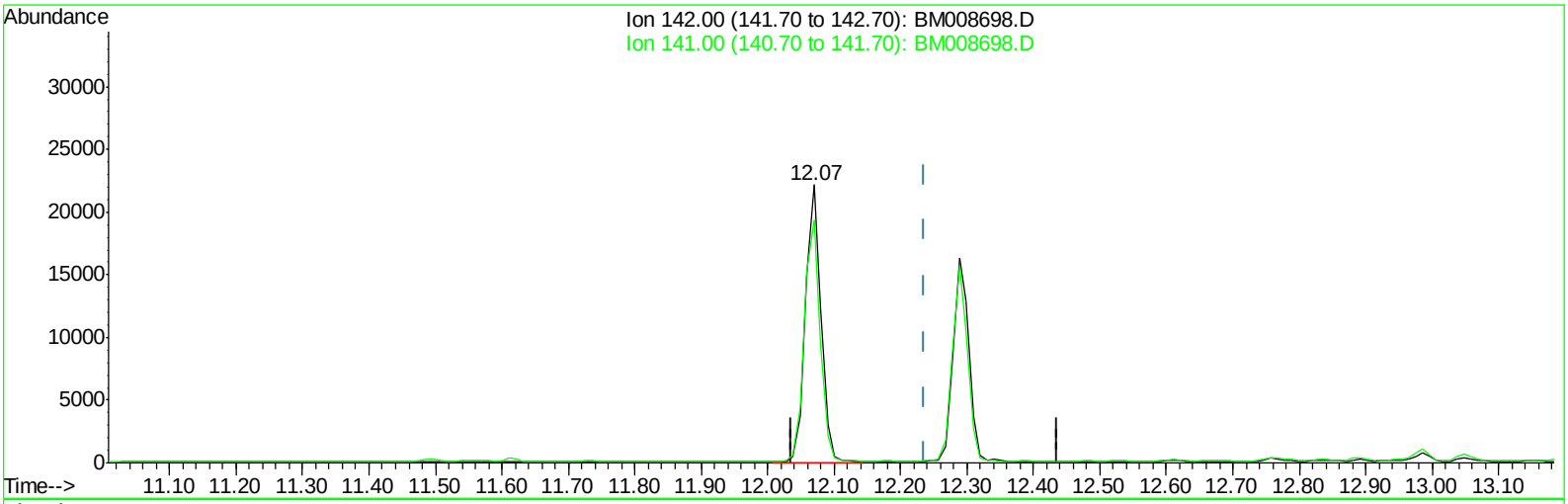

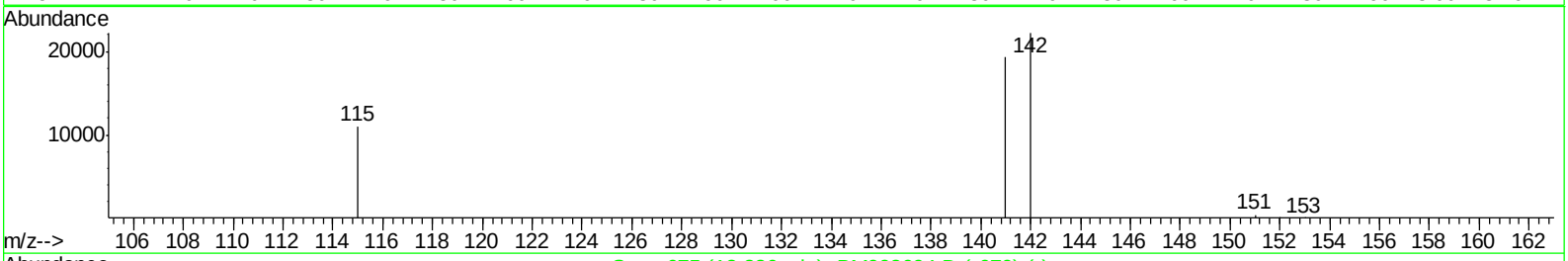

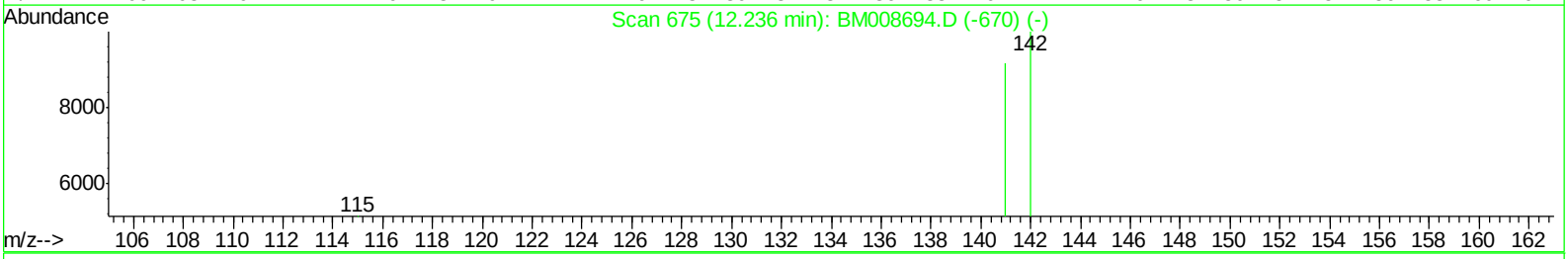

TIC: BM008698.D

(5) 2-Methylnaphthalene

12.070min (-0.167) 1.22ng/ul m

response 36263

Ion	Exp%	Act%
142.00	100	100
141.00	90.70	68.18#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008698.D
Acq On : 28 Dec 2016 17:55
Operator : UM/SJ
Sample : H5995-03DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 29 03:56:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 03:29:39 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA864DL

Manual Integrations APPROVED
mohammad
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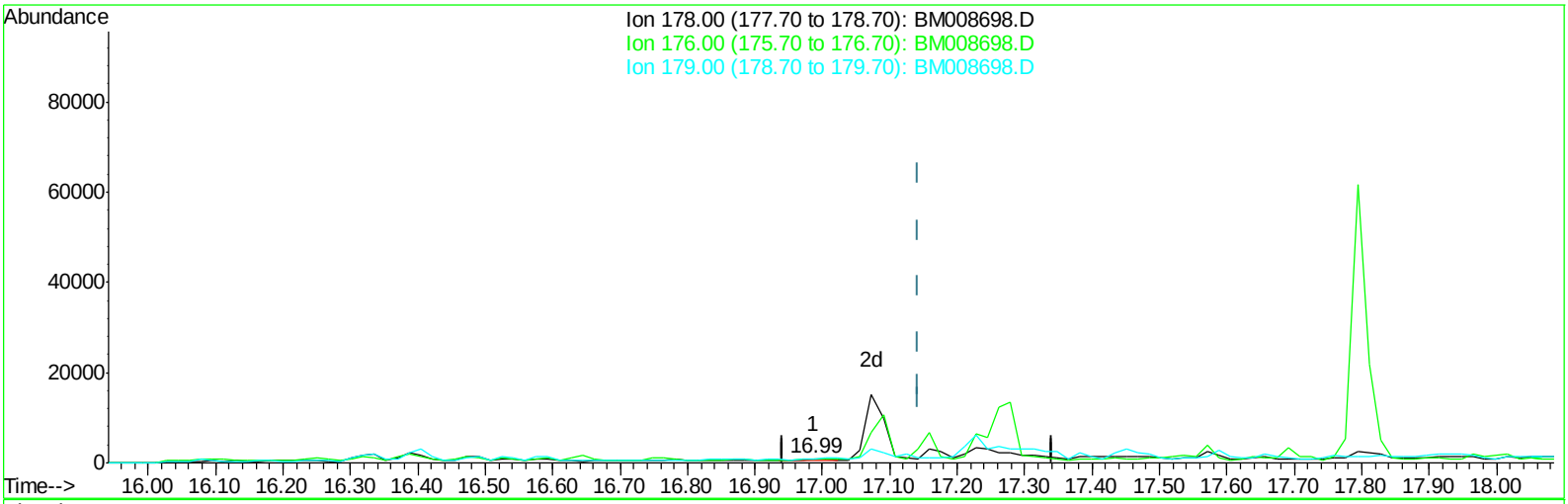

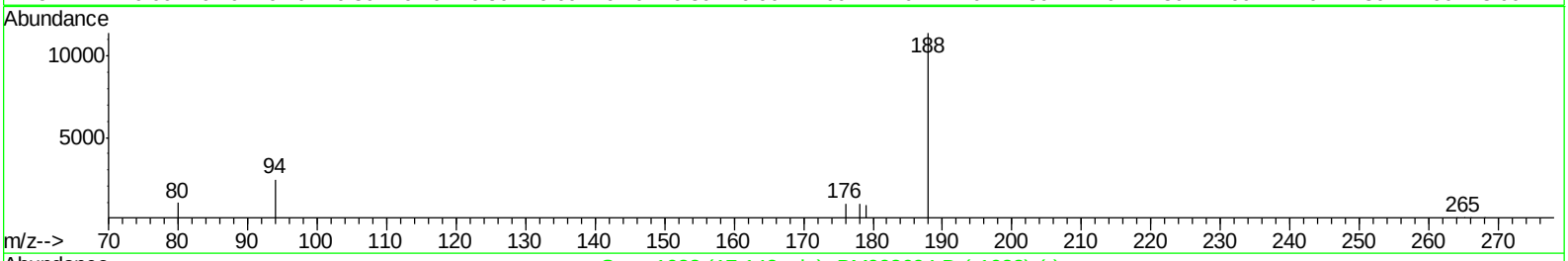

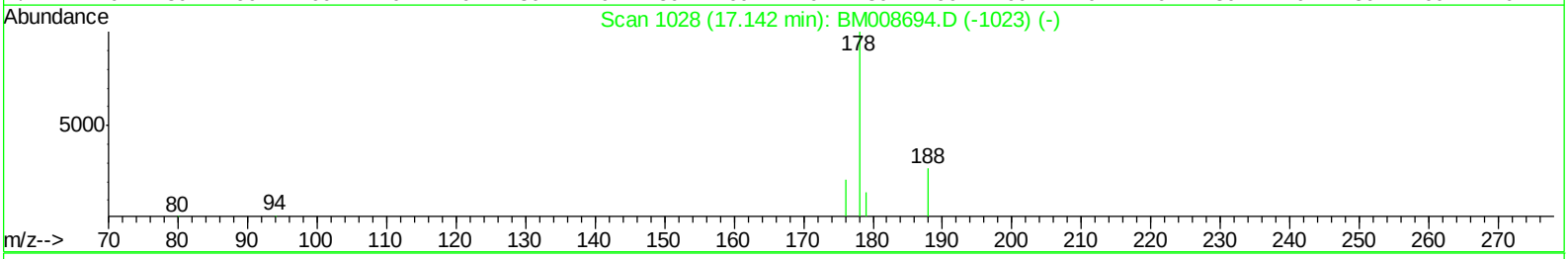

TIC: BM008698.D

(12) Phenanthrene

16.987min (-0.155) 0.02ng/ul

response 1119

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	101.65#
179.00	17.00	93.39#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008698.D
Acq On : 28 Dec 2016 17:55
Operator : UM/SJ
Sample : H5995-03DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 29 03:56:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 03:29:39 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA864DL

Manual Integrations APPROVED
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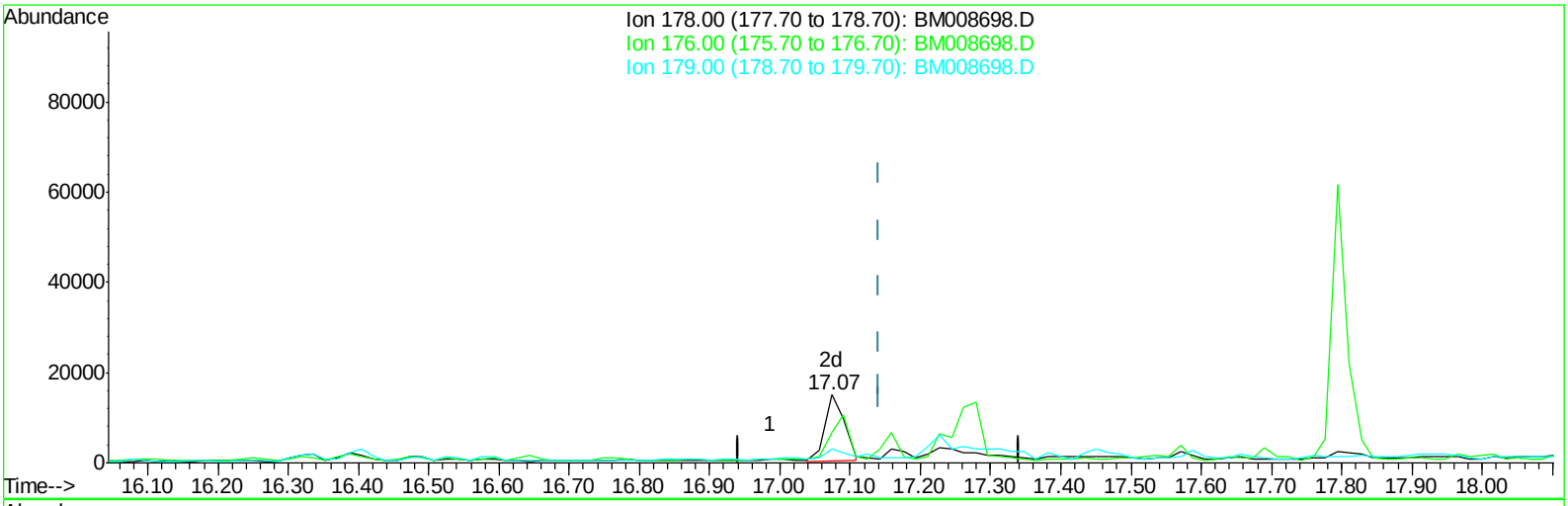

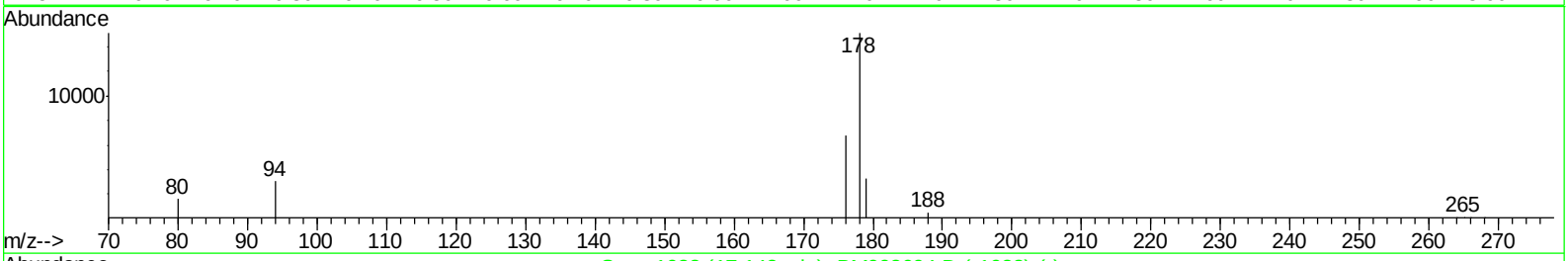

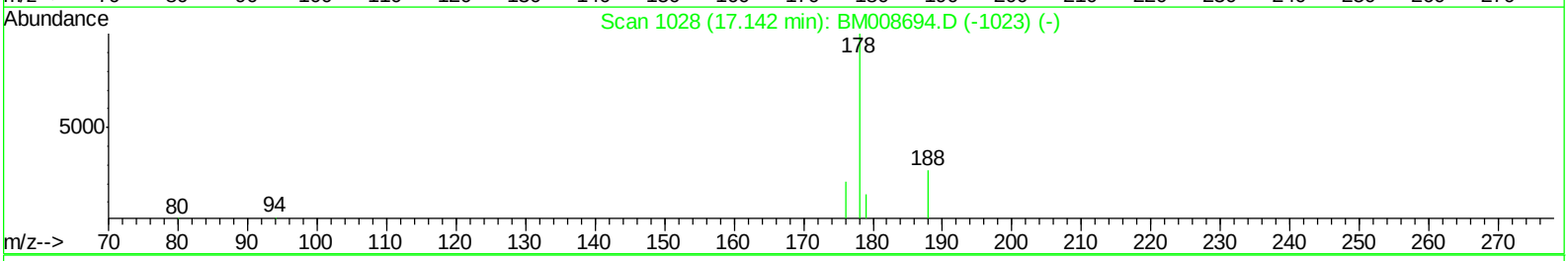

TIC: BM008698.D

(12) Phenanthrene

17.073min (-0.069) 0.52ng/ul m

response 28607

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	44.58#
179.00	17.00	21.32#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008698.D
Acq On : 28 Dec 2016 17:55
Operator : UM/SJ
Sample : H5995-03DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 29 03:56:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 03:29:39 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA864DL

Manual Integrations APPROVED
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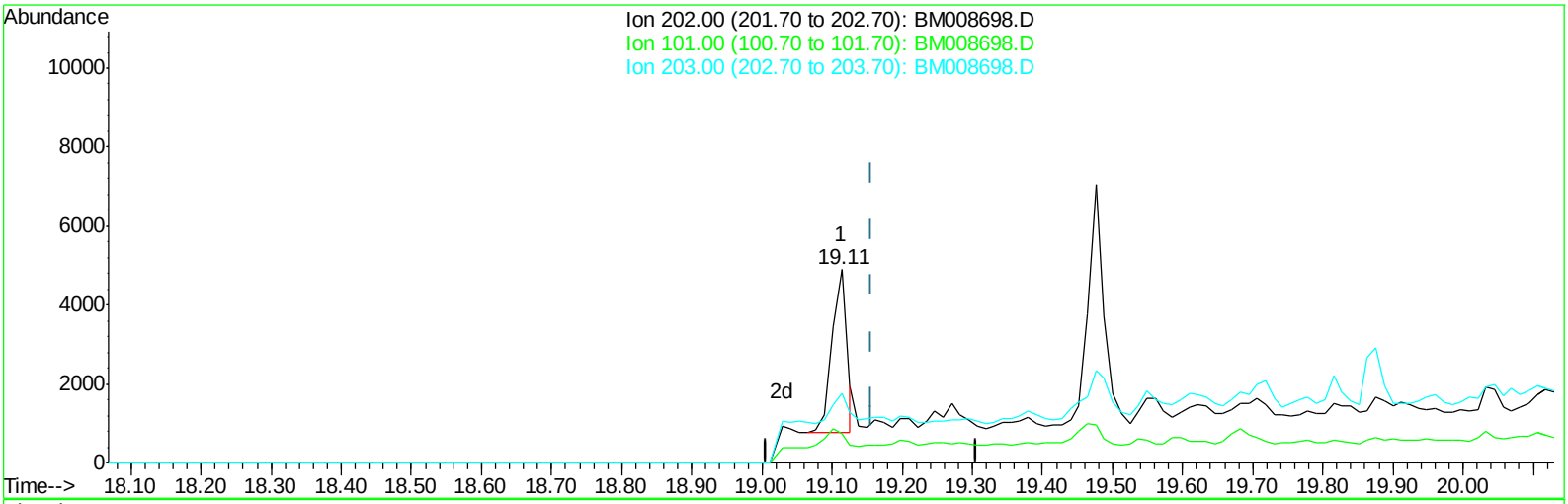

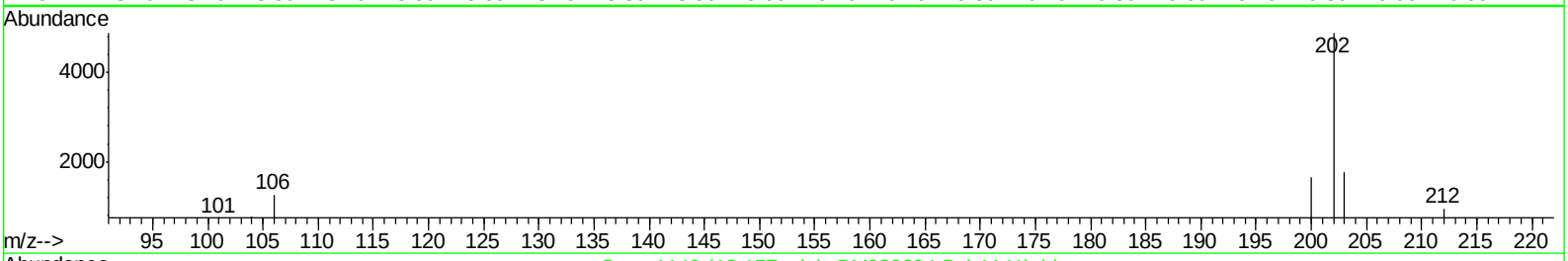

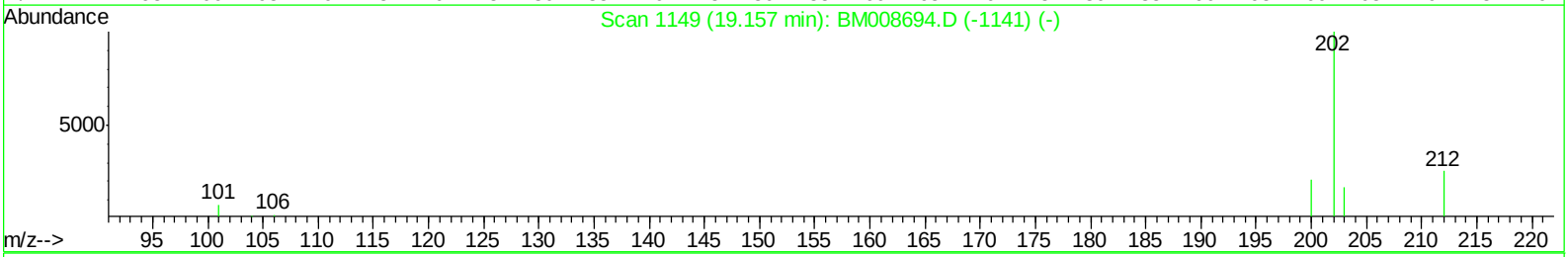

TIC: BM008698.D

(15) Fluoranthene (C)

19.113min (-0.044) 0.09ng/ul

response 6135

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	15.01
203.00	19.50	35.95
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008698.D
Acq On : 28 Dec 2016 17:55
Operator : UM/SJ
Sample : H5995-03DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 29 03:56:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 03:29:39 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA864DL

Manual Integrations APPROVED
mohammad
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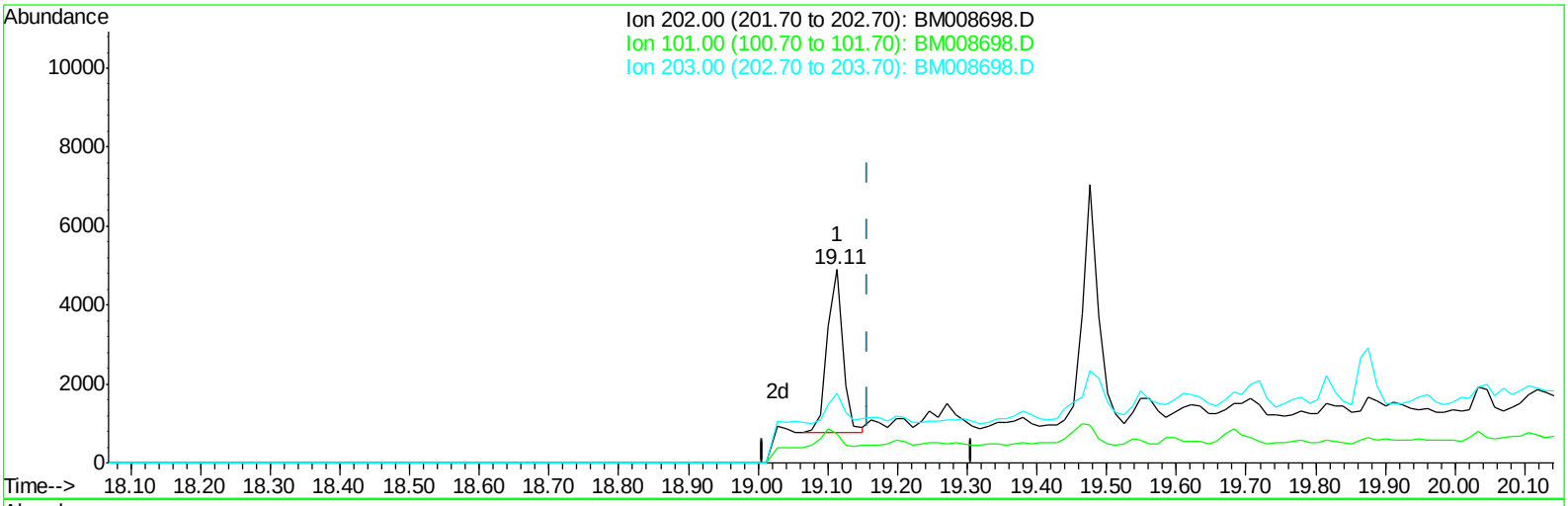

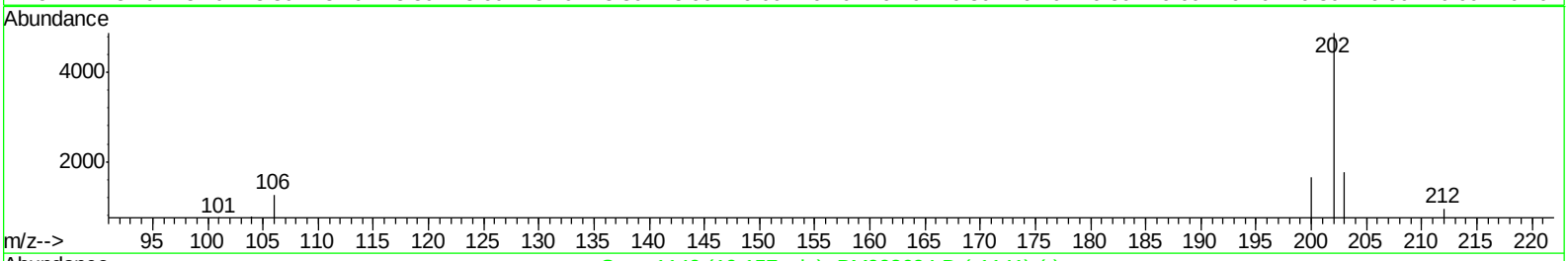

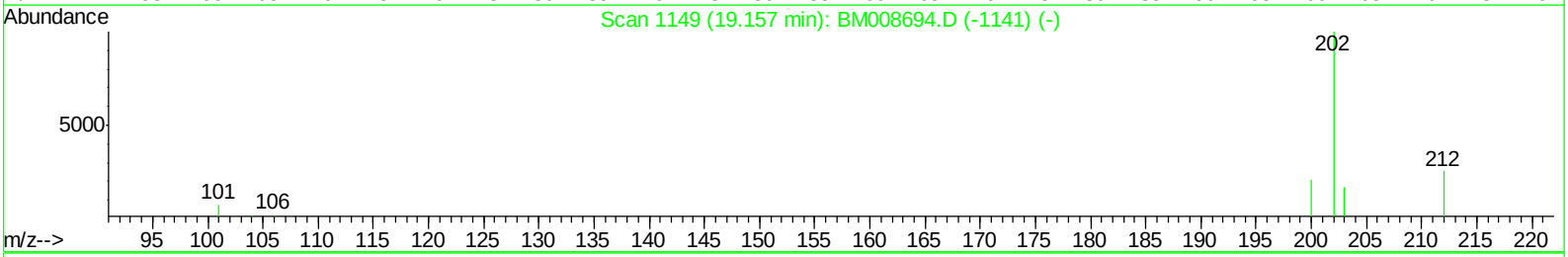

TIC: BM008698.D

(15) Fluoranthene (C)

19.113min (-0.044) 0.10ng/ul m

response 6457

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	15.01
203.00	19.50	35.95
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008698.D
Acq On : 28 Dec 2016 17:55
Operator : UM/SJ
Sample : H5995-03DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 29 03:56:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 03:29:39 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA864DL

Manual Integrations APPROVED
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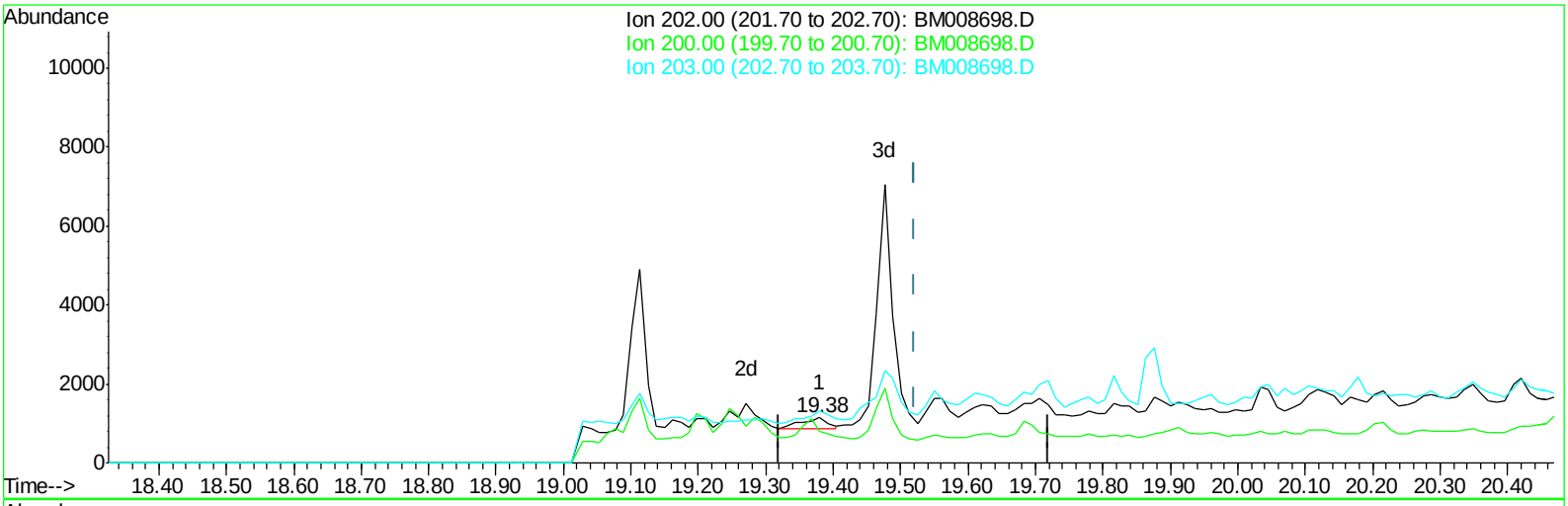
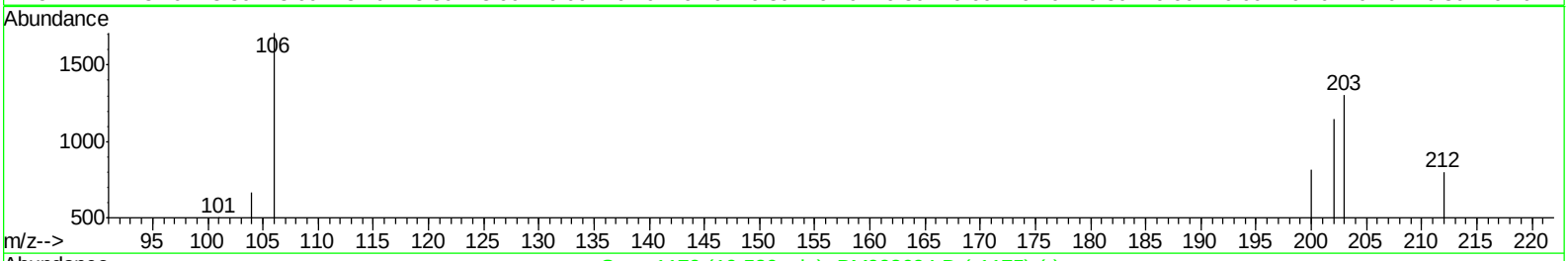
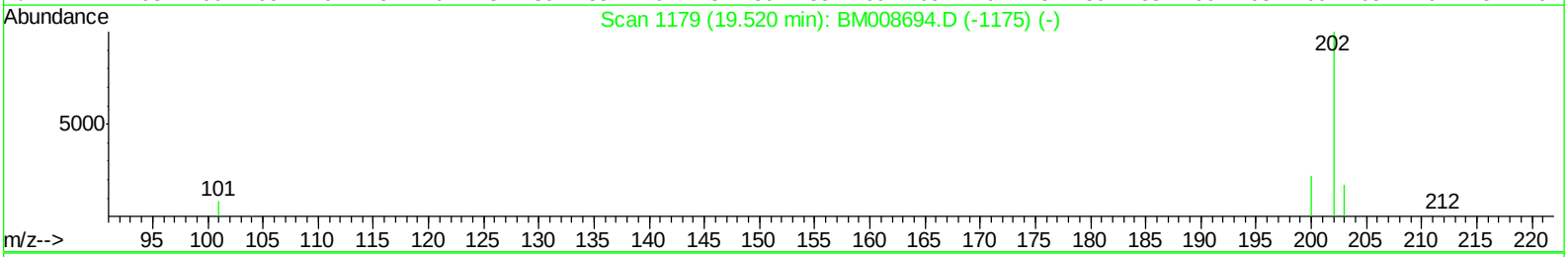






TIC: BM008698.D

(17) Pyrene

19.380min (-0.140) 0.07ng/ul

response 806

Ion	Exp%	Act%
202.00	100	100
200.00	22.80	71.03#
203.00	19.50	113.70#
0.00	0.00	0.00

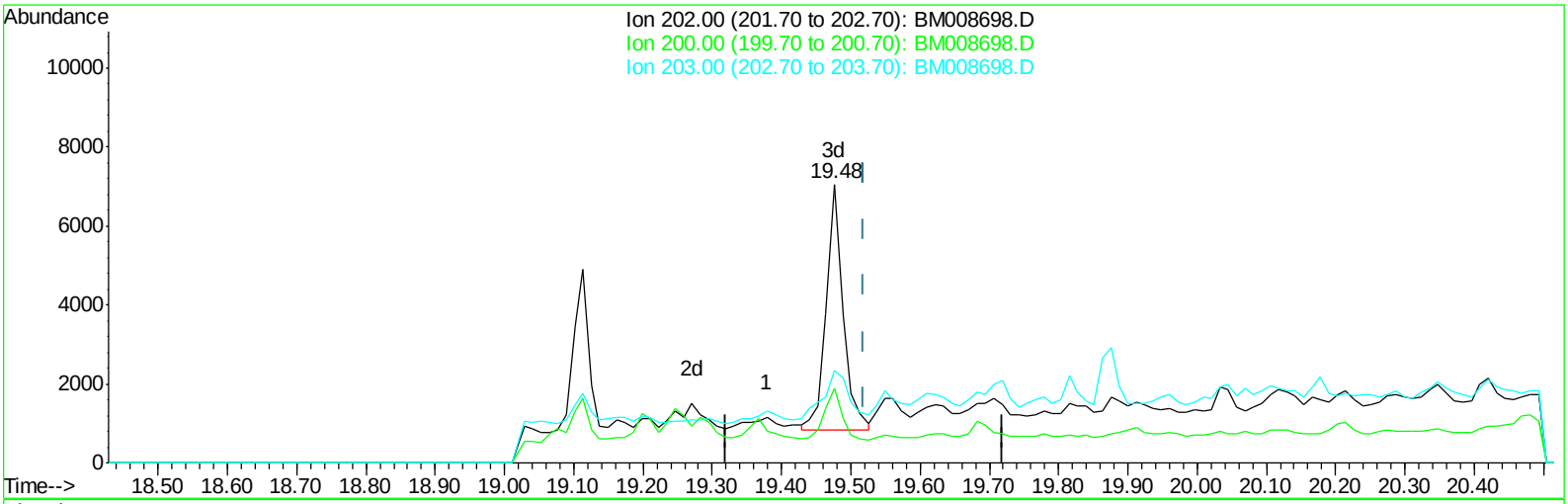
Quantitation Report (Qedit)

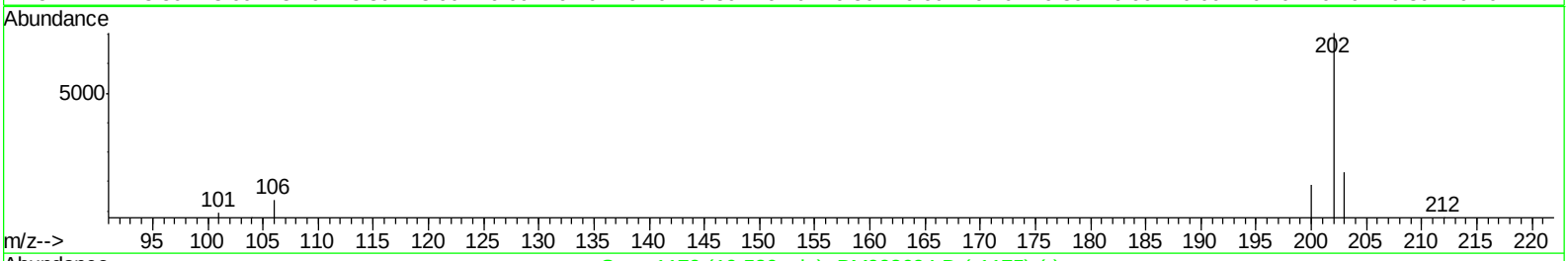
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008698.D
Acq On : 28 Dec 2016 17:55
Operator : UM/SJ
Sample : H5995-03DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

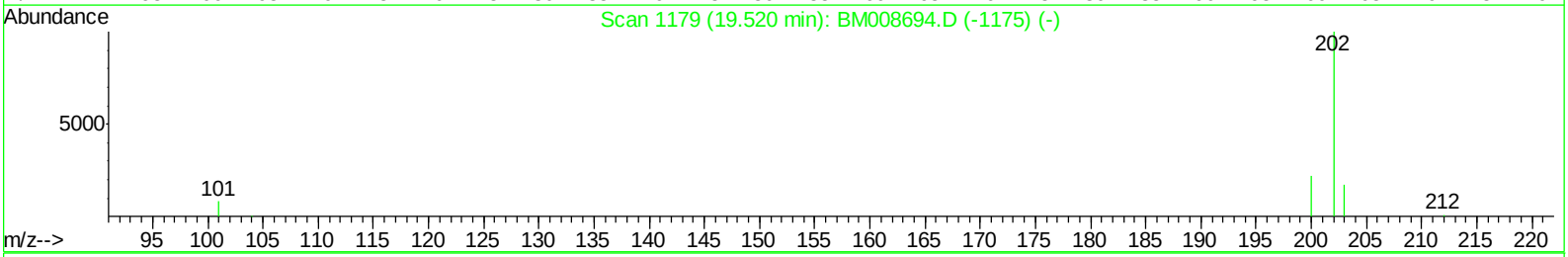
Quant Time: Dec 29 03:56:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 03:29:39 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA864DL

Manual Integrations APPROVED
mohammad
12/30/2016 8:53:33 AM







TIC: BM008698.D

(17) Pyrene

19.476min (-0.044) 0.89ng/ul m

response 10449

Ion	Exp%	Act%
202.00	100	100
200.00	22.80	26.66
203.00	19.50	33.02#
0.00	0.00	0.00

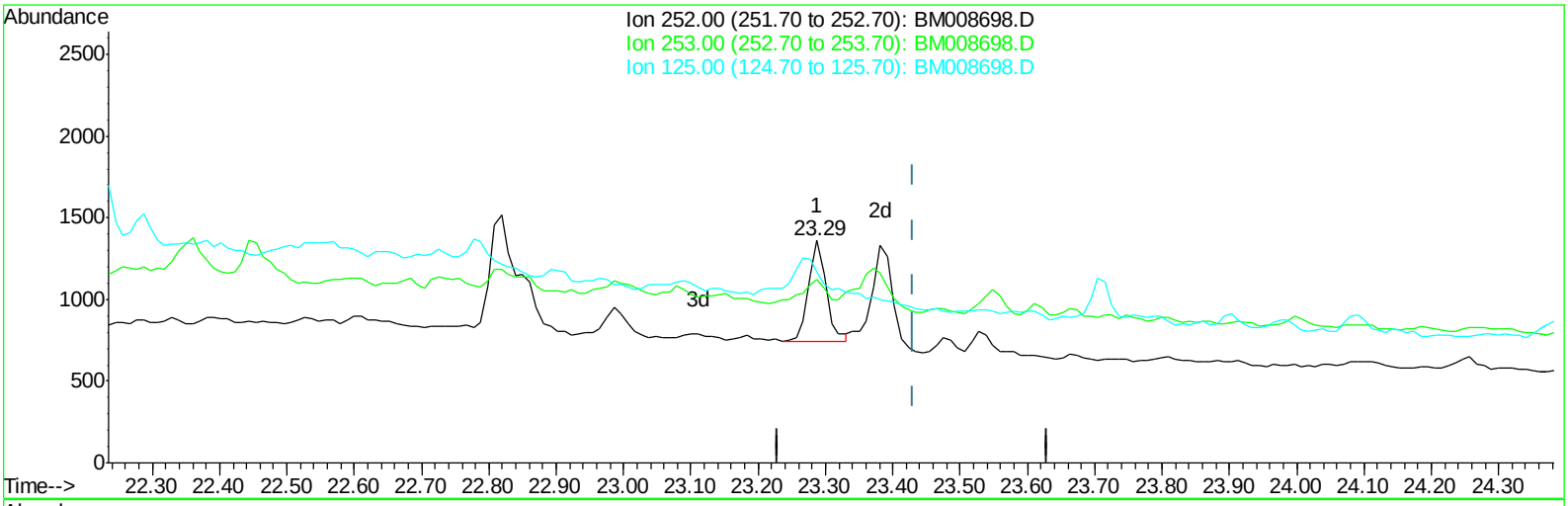
Quantitation Report (Qedit)

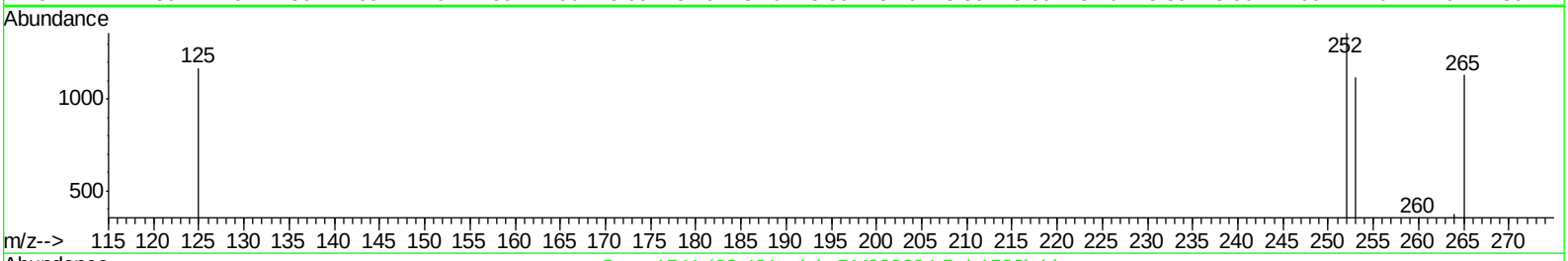
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008698.D
Acq On : 28 Dec 2016 17:55
Operator : UM/SJ
Sample : H5995-03DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

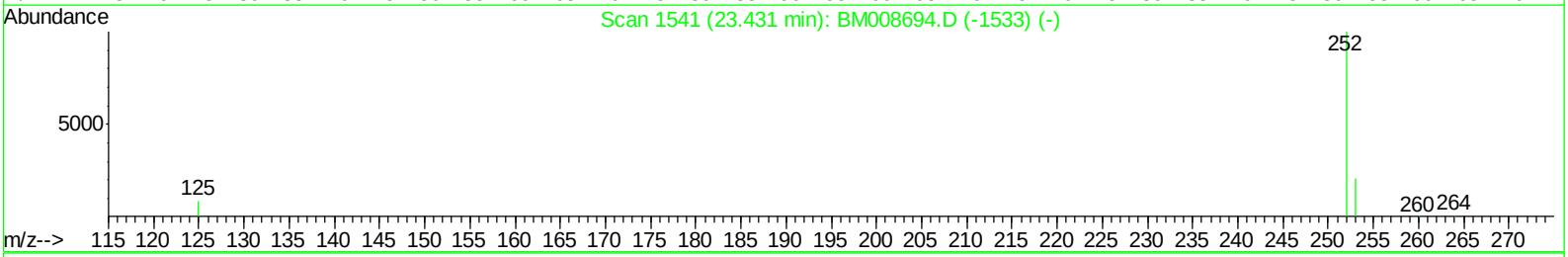
Quant Time: Dec 29 03:56:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 03:29:39 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA864DL

Manual Integrations APPROVED
mohammad
12/30/2016 8:53:33 AM







TIC: BM008698.D

(23) Benzo(a)pyrene (C)

23.288min (-0.143) 0.19ng/ul

response 1118

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	82.43#
125.00	22.60	85.81#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008698.D
Acq On : 28 Dec 2016 17:55
Operator : UM/SJ
Sample : H5995-03DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 29 03:56:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
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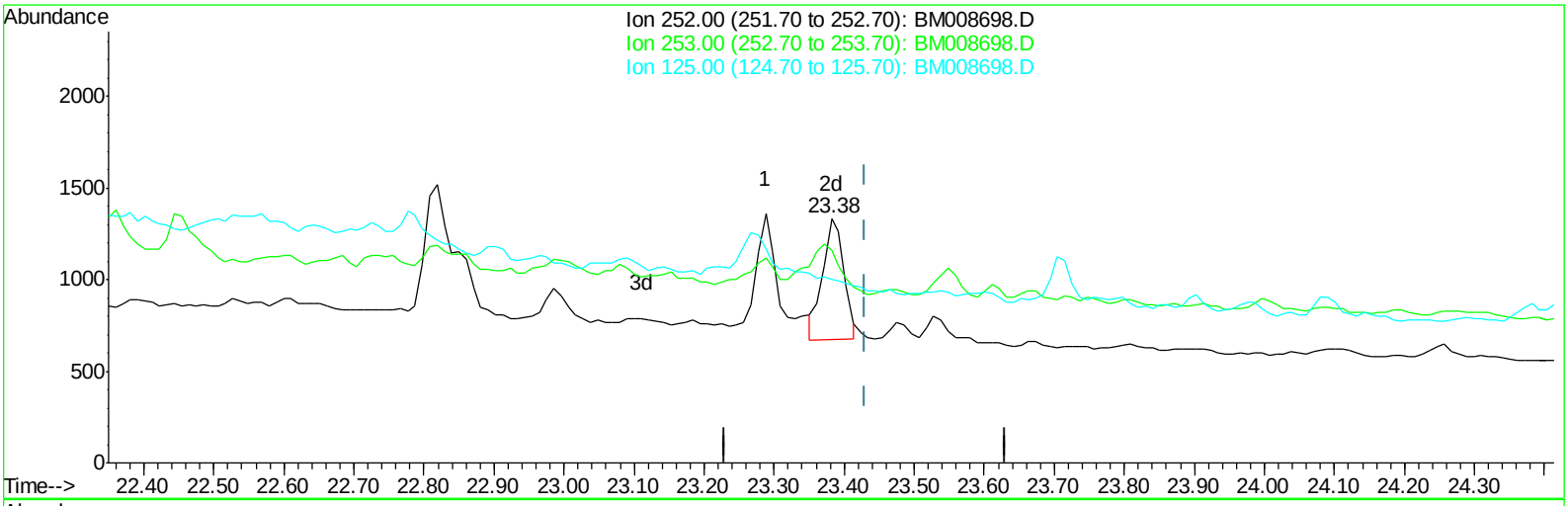
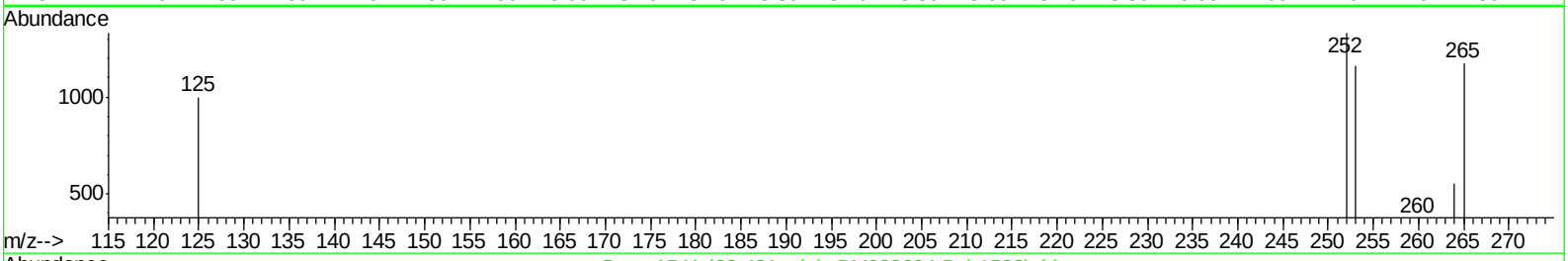
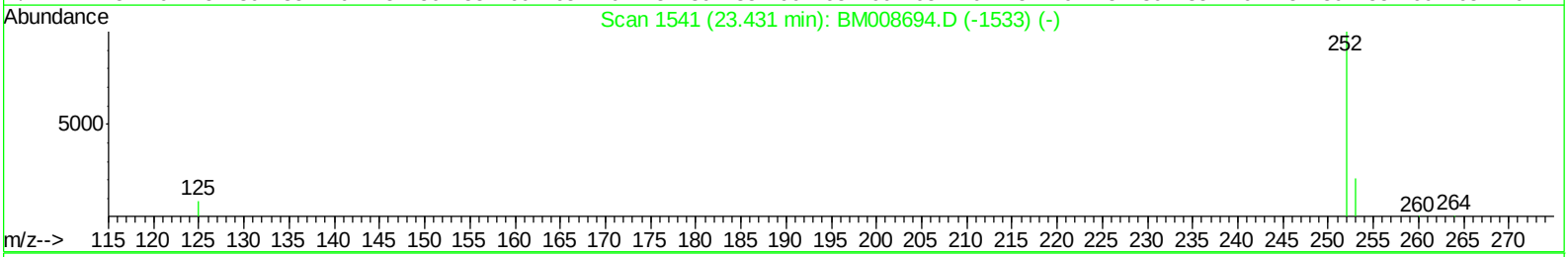
BNA_M
ClientSampleId :
DA864DL

Manual Integrations APPROVED
mohammad
12/30/2016 8:53:33 AM







TIC: BM008698.D

(23) Benzo(a)pyrene (C)

23.382min (-0.049) 0.23ng/ul m

response 1402

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	87.09#
125.00	22.60	75.15#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008698.D
Acq On : 28 Dec 2016 17:55
Operator : UM/SJ
Sample : H5995-03DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 29 03:56:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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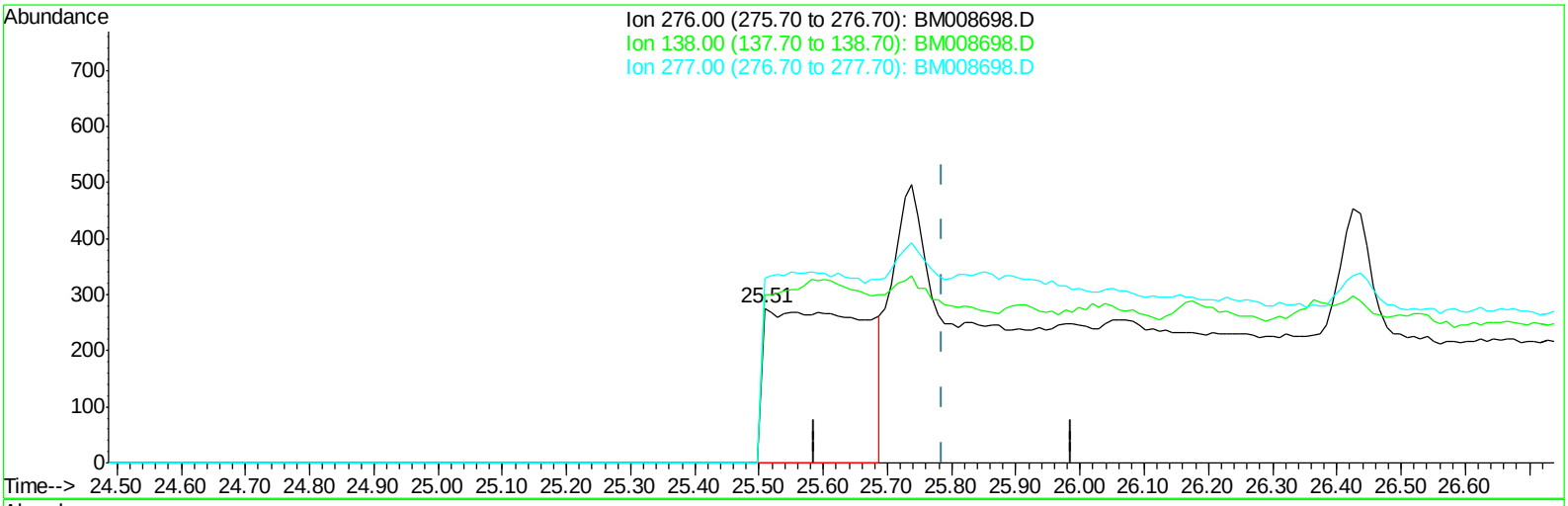
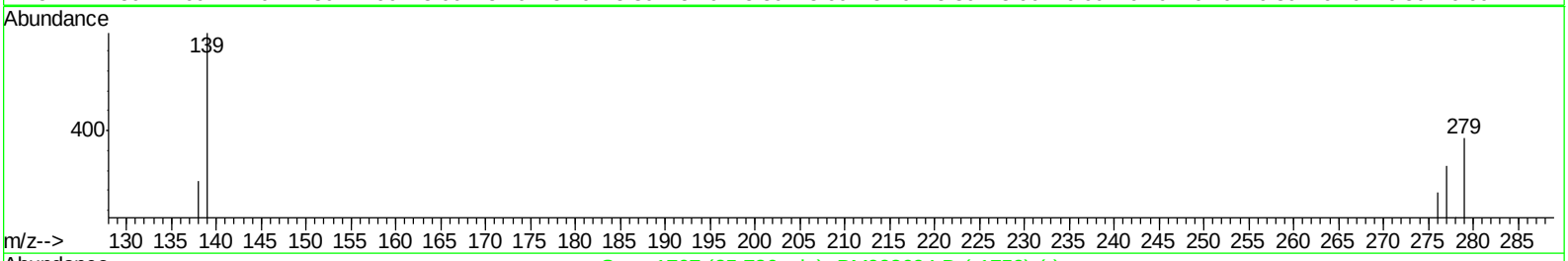
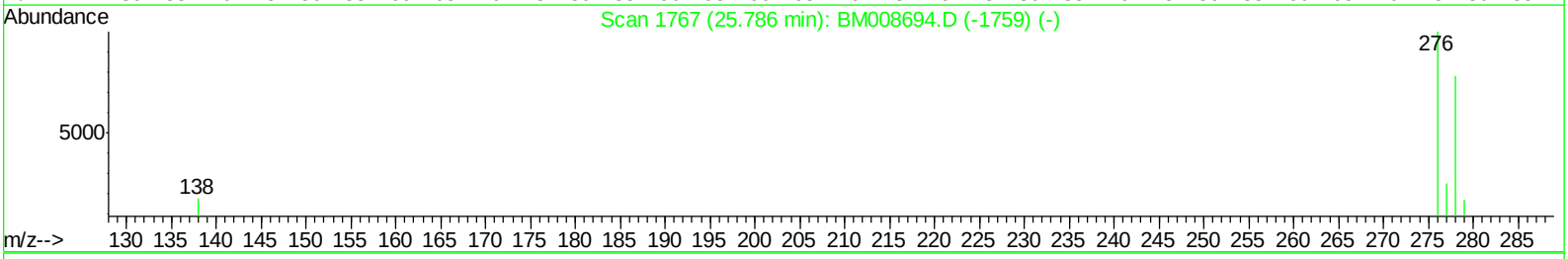
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA864DL

Manual Integrations APPROVED
mohammad
12/30/2016 8:53:33 AM







TIC: BM008698.D

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

25.508min (-0.278) 0.42ng/ul

response 2969

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

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008698.D
Acq On : 28 Dec 2016 17:55
Operator : UM/SJ
Sample : H5995-03DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 29 03:56:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 03:29:39 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA864DL

Manual Integrations APPROVED
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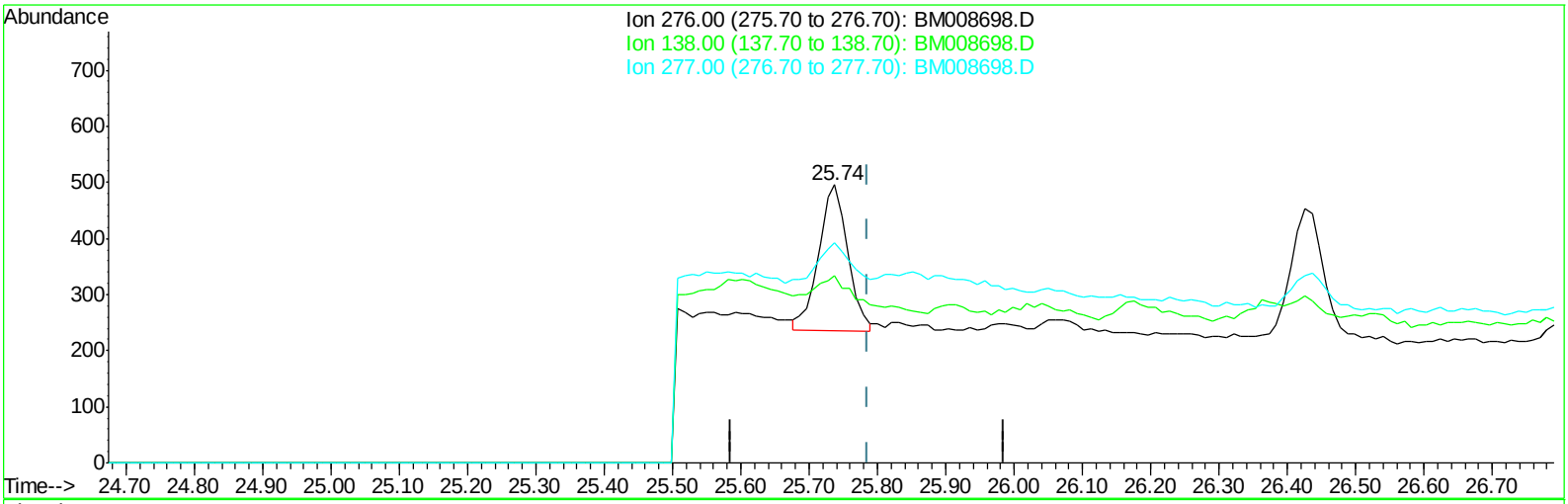
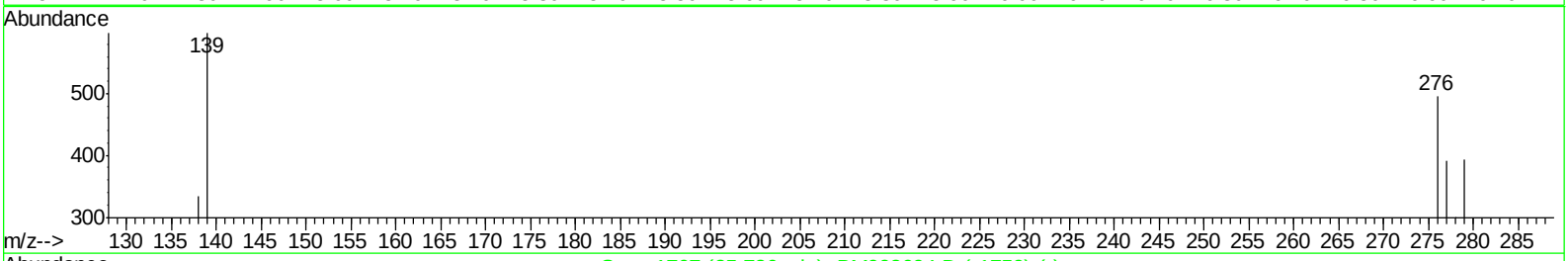
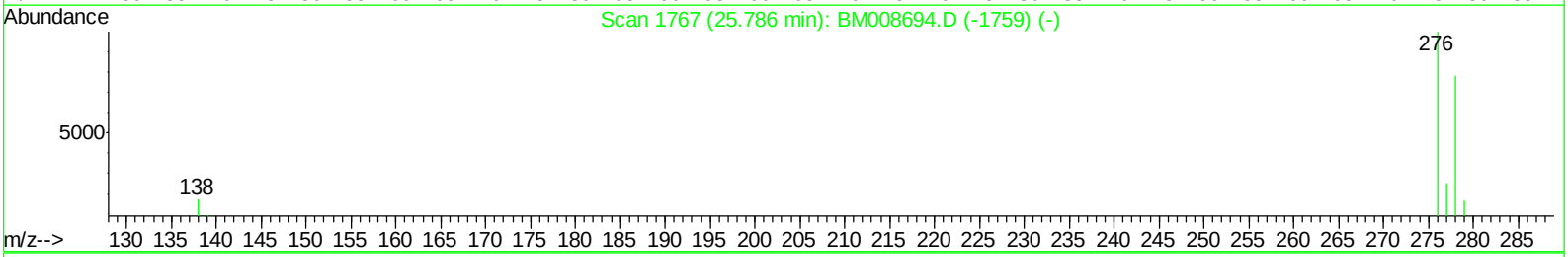
12/30/2016 8:53:33 AM







TIC: BM008698.D

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

25.738min (-0.049) 0.11ng/ul m

response 771

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

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008698.D
Acq On : 28 Dec 2016 17:55
Operator : UM/SJ
Sample : H5995-03DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 29 03:56:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 03:29:39 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA864DL

Manual Integrations APPROVED
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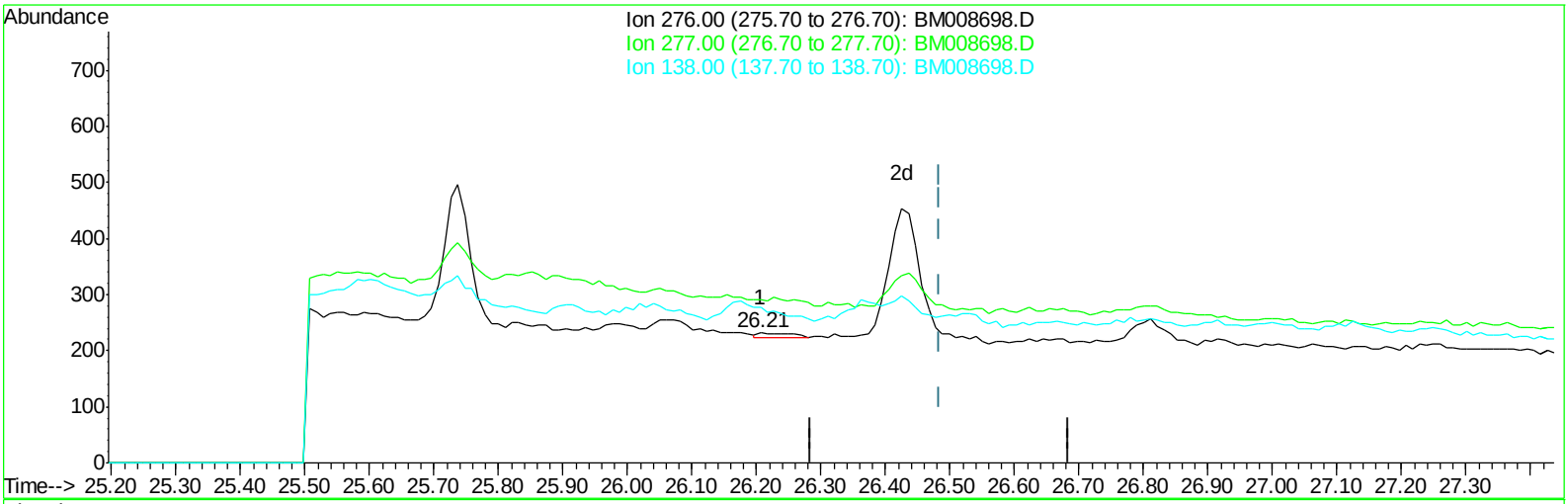

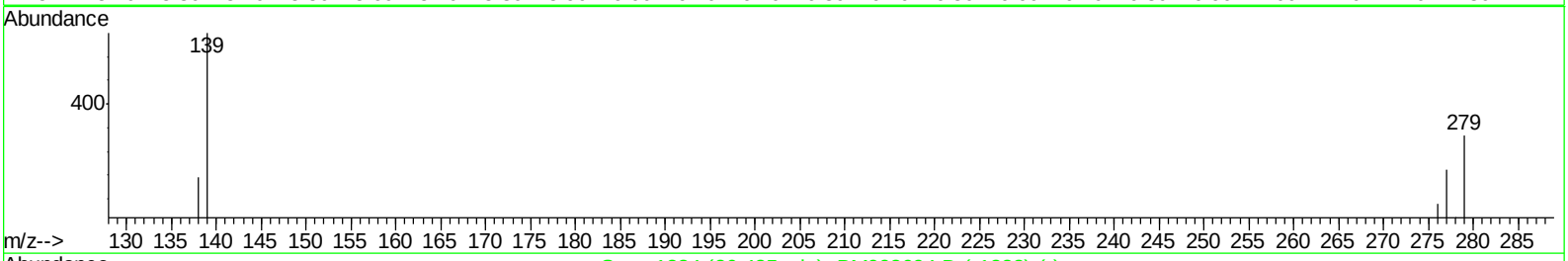

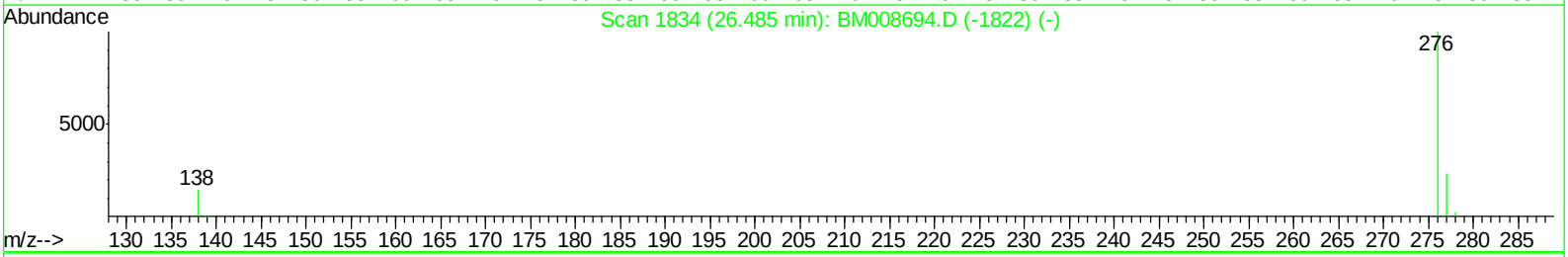

TIC: BM008698.D

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

26.207min (-0.278) 0.00ng/ul

response 28

Ion	Exp%	Act%
276.00	100	100
277.00	27.30	125.00#
138.00	25.60	119.40#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008698.D
Acq On : 28 Dec 2016 17:55
Operator : UM/SJ
Sample : H5995-03DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 29 03:56:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 03:29:39 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA864DL

Manual Integrations APPROVED
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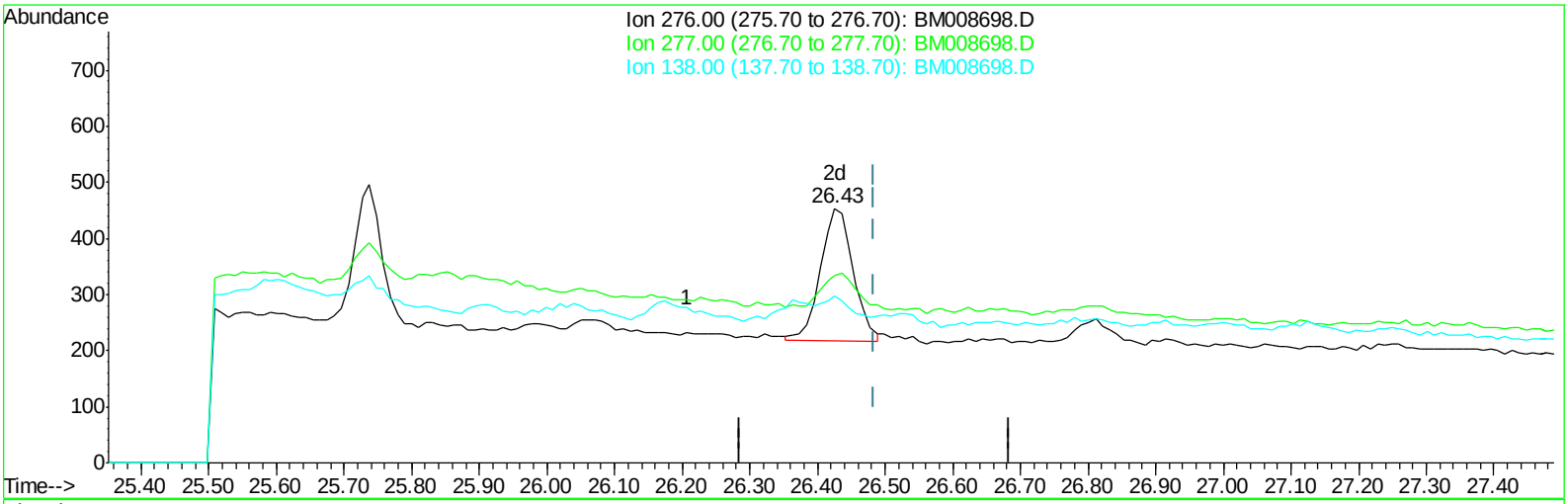

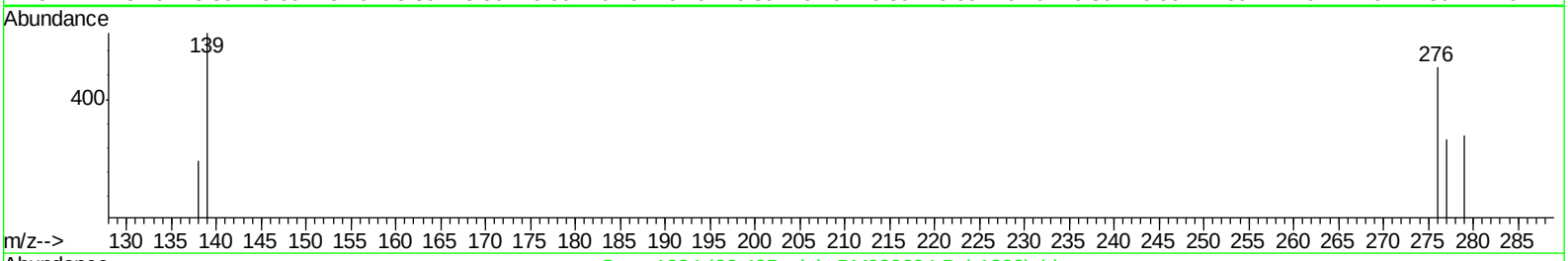

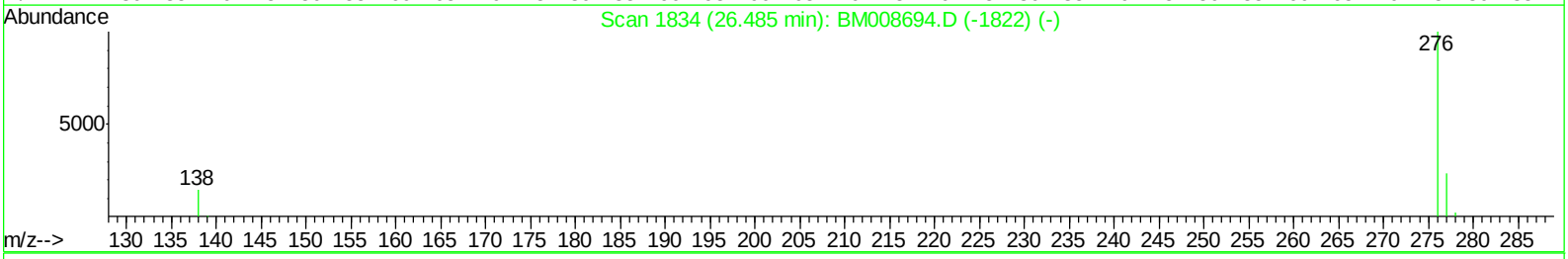

TIC: BM008698.D

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

26.426min (-0.059) 0.13ng/ul m

response 790

Ion	Exp%	Act%
276.00	100	100
277.00	27.30	73.57#
138.00	25.60	65.64#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008698.D
Acq On : 28 Dec 2016 17:55
Operator : UM/SJ
Sample : H5995-03DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA864DL

Manual Integrations APPROVED
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Quant Time: Dec 29 03:59:20 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 03:29:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	508m	0.40	ng/ul	-0.17
2) Naphthalene-d8	10.25	136	15644m	0.40	ng/ul	-0.31
6) Acenaphthene-d10	14.30	164	2980	0.40	ng/ul	-0.05
10) Phenanthrene-d10	16.99	188	18082	0.40	ng/ul	-0.12
16) Chrysene-d12	21.26	240	3022m	0.40	ng/ul	-0.03
20) Perylene-d12	23.49	264	1638m	0.40	ng/ul	-0.04
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	415m	0.02	ng/ul	-0.17
14) Fluoranthene-d10	19.06	212	6009	0.12	ng/ul	-0.07
Target Compounds						Qvalue
3) Naphthalene	10.45	128	20905m	0.47	ng/ul	
5) 2-Methylnaphthalene	12.07	142	36263m	1.22	ng/ul	
7) Acenaphthylene	14.00	152	1869	0.14	ng/ul#	21
8) Acenaphthene	14.33	153	4635	0.46	ng/ul	94
9) Fluorene	15.34	166	19694	1.70	ng/ul	98
12) Phenanthrene	17.07	178	28607m	0.52	ng/ul	
15) Fluoranthene	19.11	202	6457m	0.10	ng/ul	
17) Pyrene	19.48	202	10449m	0.89	ng/ul	
23) Benzo(a)pyrene	23.38	252	1402m	0.23	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.74	276	771m	0.11	ng/ul	
26) Benzo(g,h,i)perylene	26.43	276	790m	0.13	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008698.D
Acq On : 28 Dec 2016 17:55
Operator : UM/SJ
Sample : H5995-03DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

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ClientSampleId :
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Manual Integrations APPROVED
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12/30/2016 8:53:33 AM