

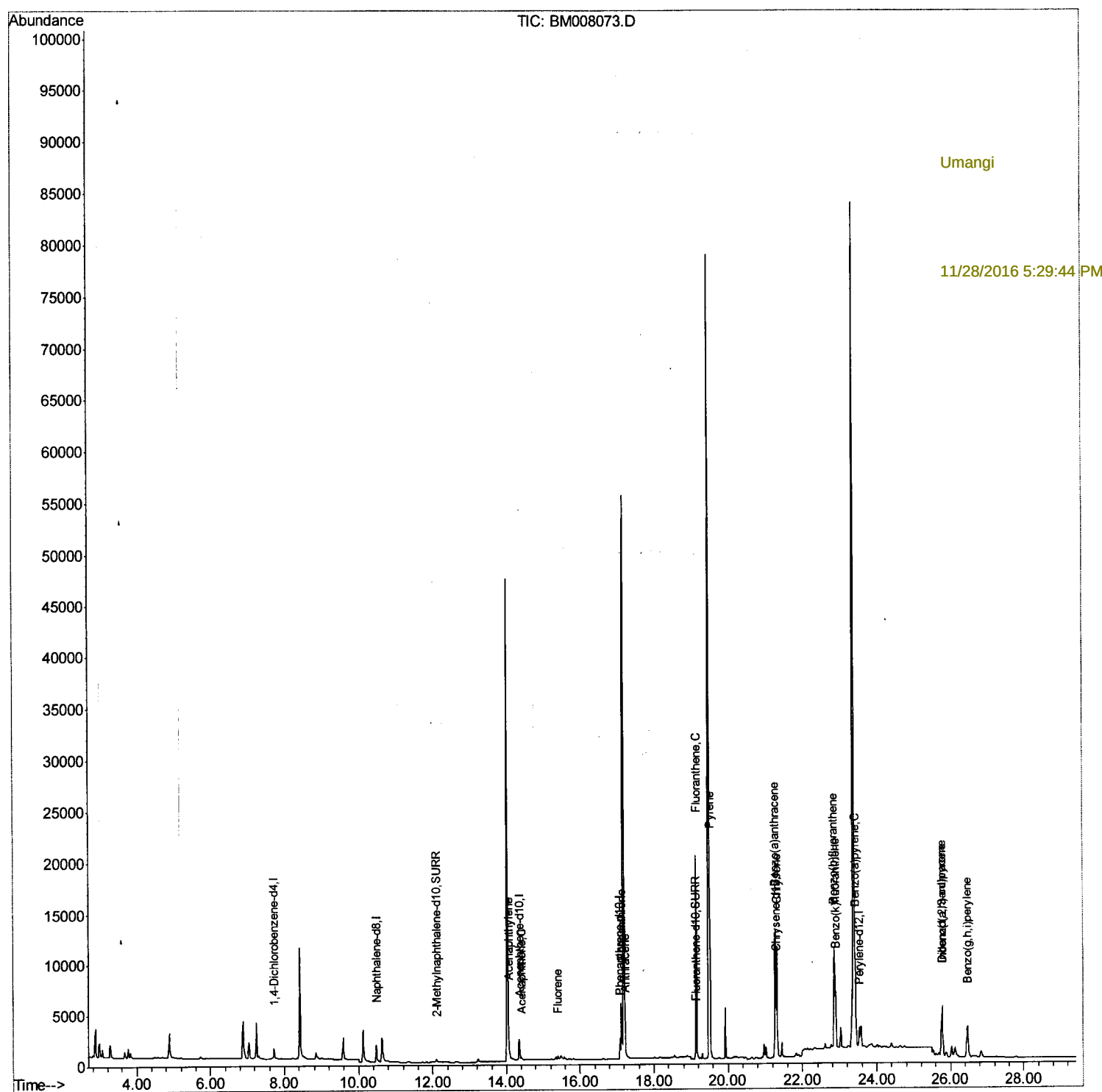
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM112316\
 Data File : BM008073.D
 Acq On : 24 Nov 2016 14:29
 Operator : UM/SJ
 Sample : H5701-07
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WD2

Manual Integrations
 APPROVED

Quant Time: Nov 25 02:45:42 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 01:27:01 2016
 Response via : Initial Calibration



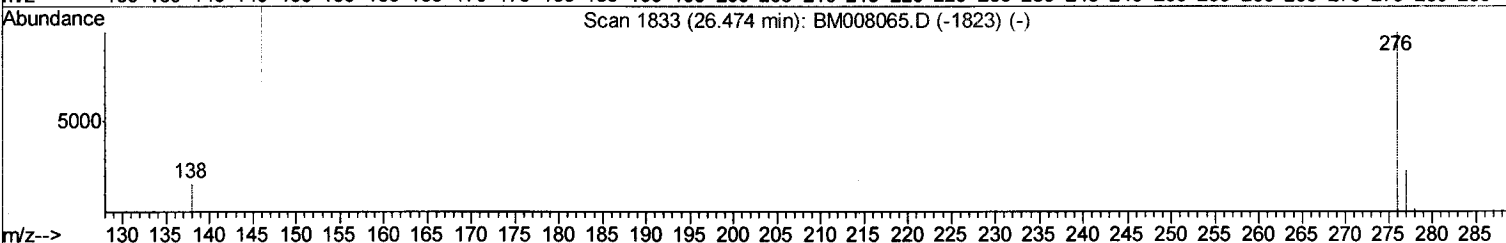
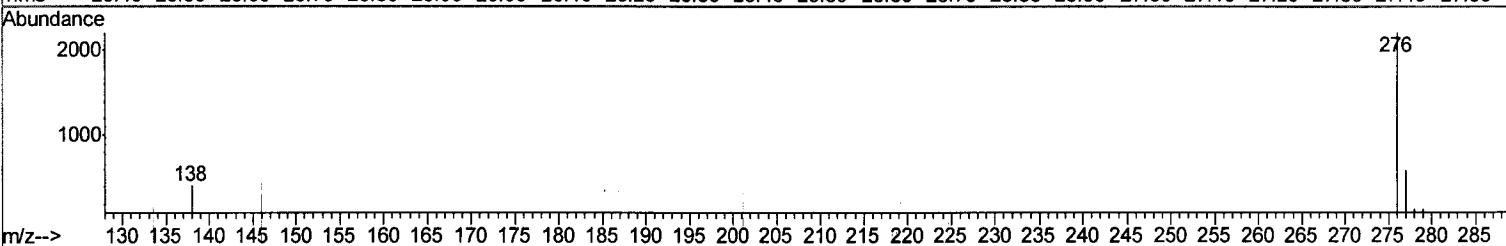
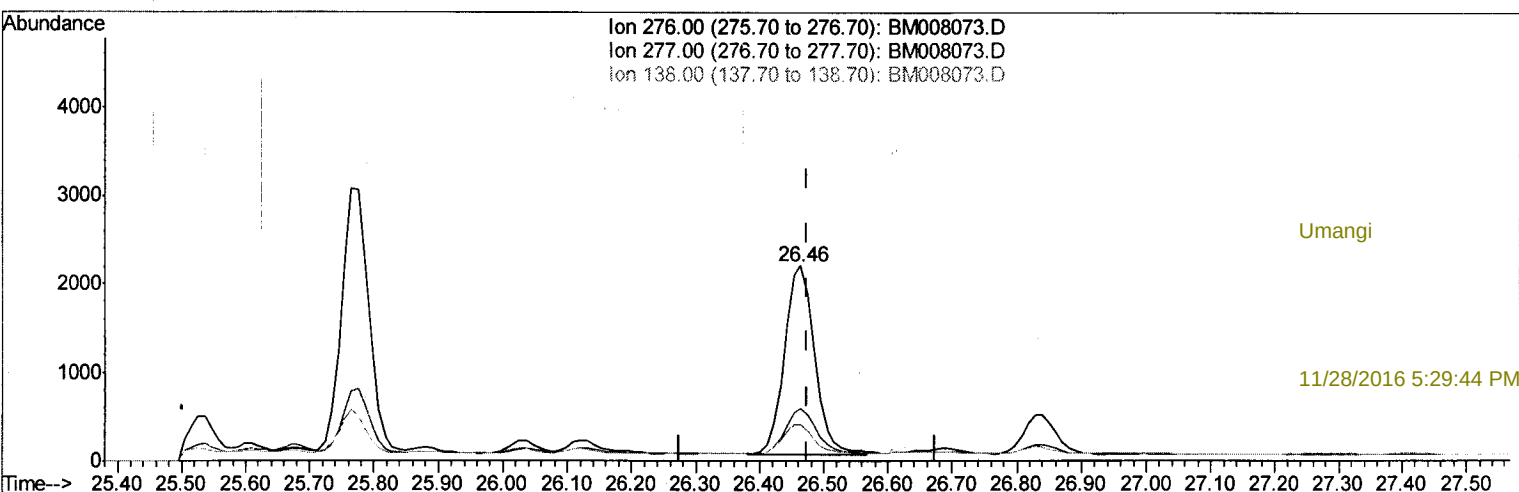
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM112316\
 Data File : BM008073.D
 Acq On : 24 Nov 2016 14:29
 Operator : UM/SJ
 Sample : H5701-07
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sample ID :
 A4WD2

Manual Integrations
 APPROVED

Quant Time: Nov 25 02:42:47 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 01:27:01 2016
 Response via : Initial Calibration



TIC: BM008073.D

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

26.464min (-0.010) 0.68ng/ul m

response 6977

Ion	Exp%	Act%
276.00	100	100
277.00	27.30	26.72
138.00	25.60	18.39#
0.00	0.00	0.00

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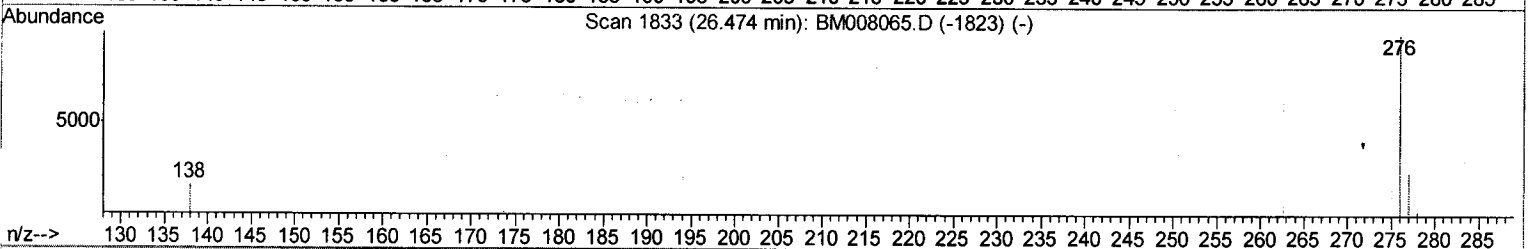
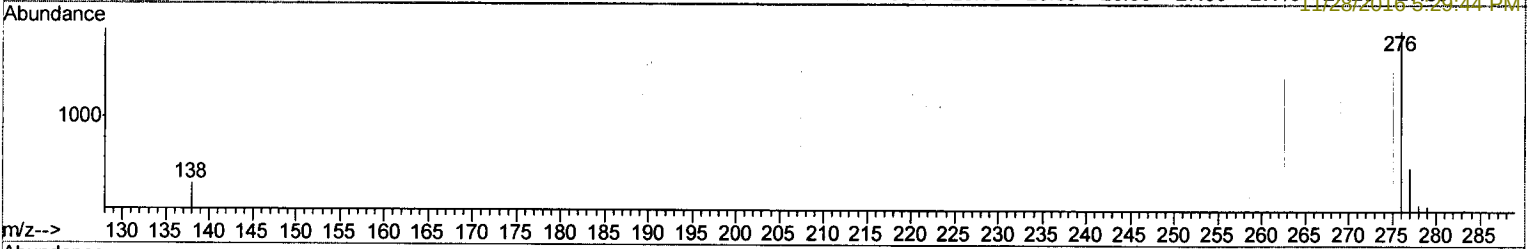
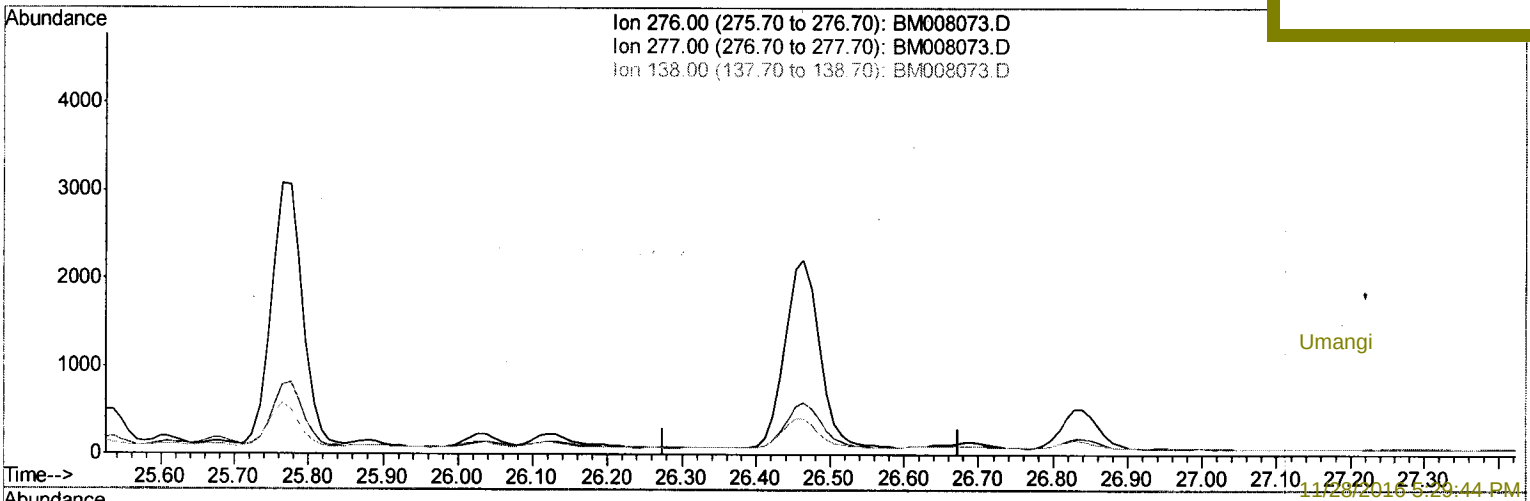
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM112316\
 Data File : BM008073.D
 Acq On : 24 Nov 2016 14:29
 Operator : UM/SJ
 Sample : H5701-07
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WD2

Manual Integrations
 APPROVED

Quant Time: Nov 25 02:42:47 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 01:27:01 2016
 Response via : Initial Calibration



TIC: BM008073.D

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

26.474min (-26.474) 0.00ng/ul

response 0

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

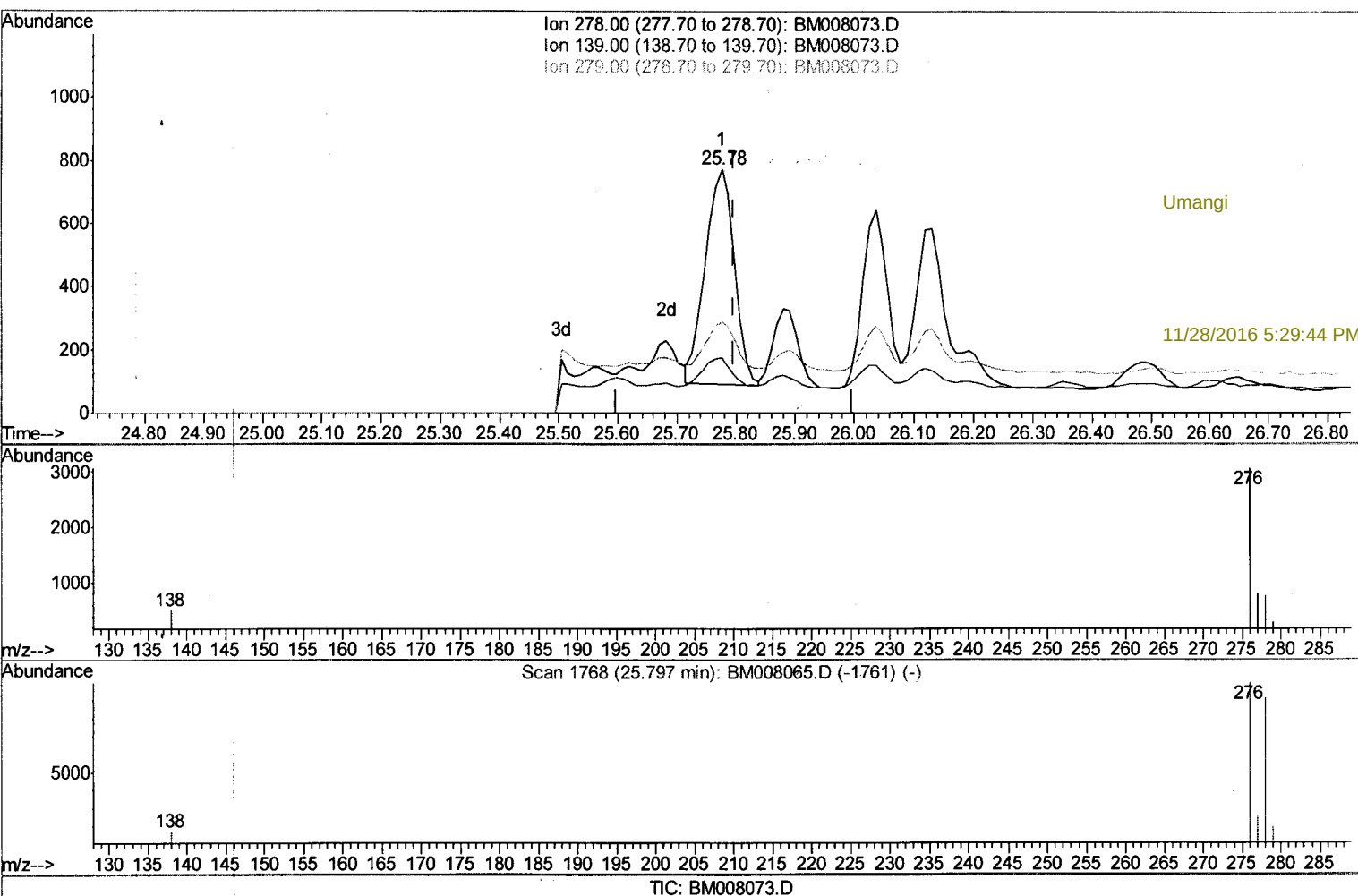
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM112316\
 Data File : BM008073.D
 Acq On : 24 Nov 2016 14:29
 Operator : UM/SJ
 Sample : H5701-07
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WD2

Manual Integrations
 APPROVED

Quant Time: Nov 25 02:42:47 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 01:27:01 2016
 Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.776min (-0.021) 0.25ng/ul m

response 2332

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	22.57
279.00	32.40	37.09
0.00	0.00	0.00

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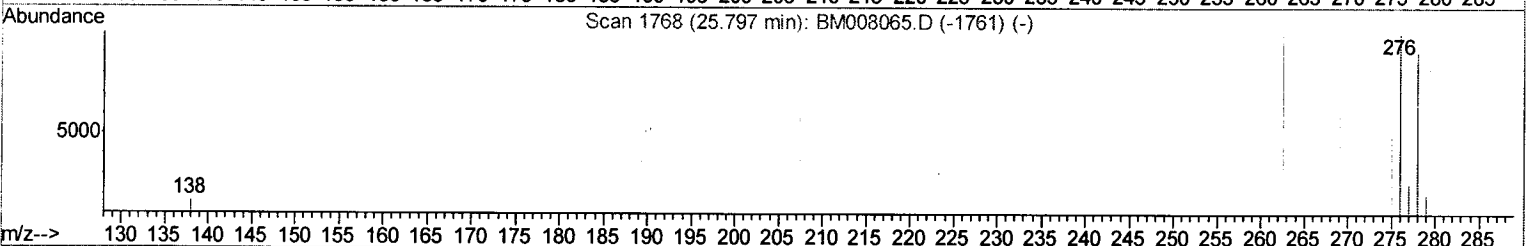
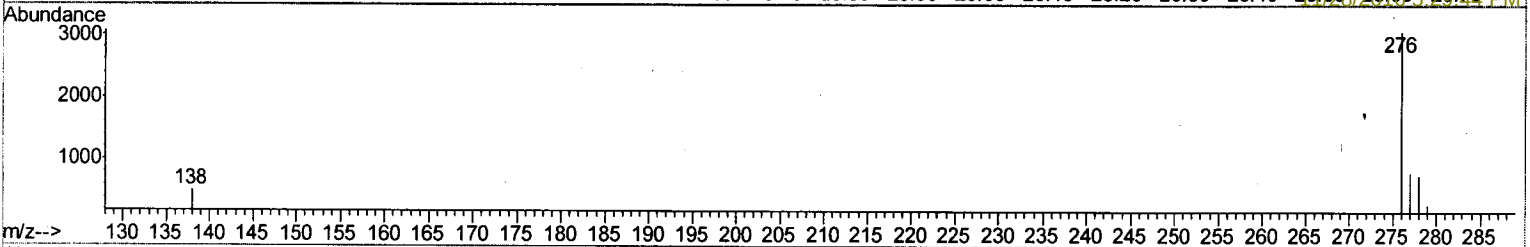
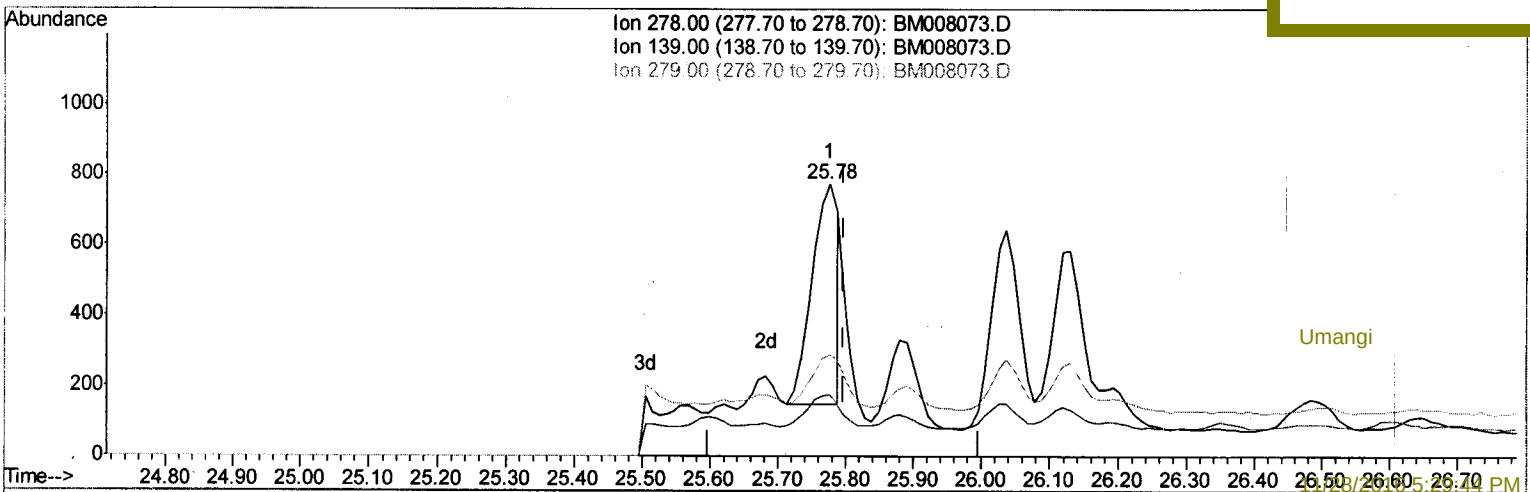
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM112316\
 Data File : BM008073.D
 Acq On : 24 Nov 2016 14:29
 Operator : UM/SJ
 Sample : H5701-07
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 A4WD2

Quant Time: Nov 25 02:42:47 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 01:27:01 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED



TIC: BM008073.D

(25) Dibenzo(a,h)anthracene

25.776min (-0.021) 0.18ng/ul

response 1641

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	22.57
279.00	32.40	37.09
0.00	0.00	0.00

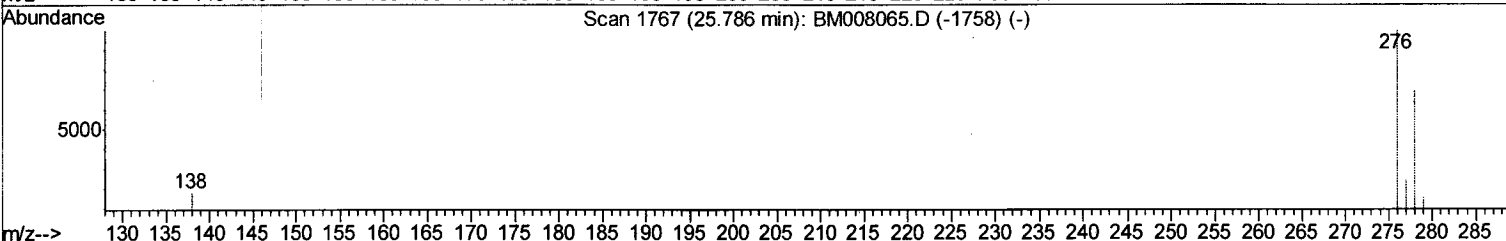
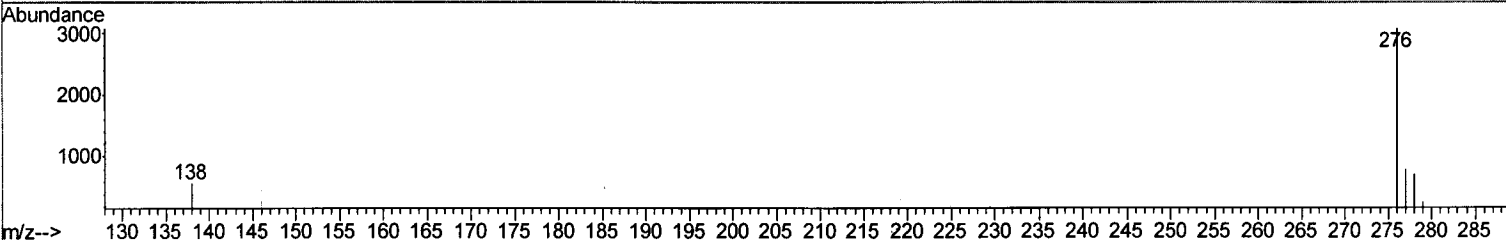
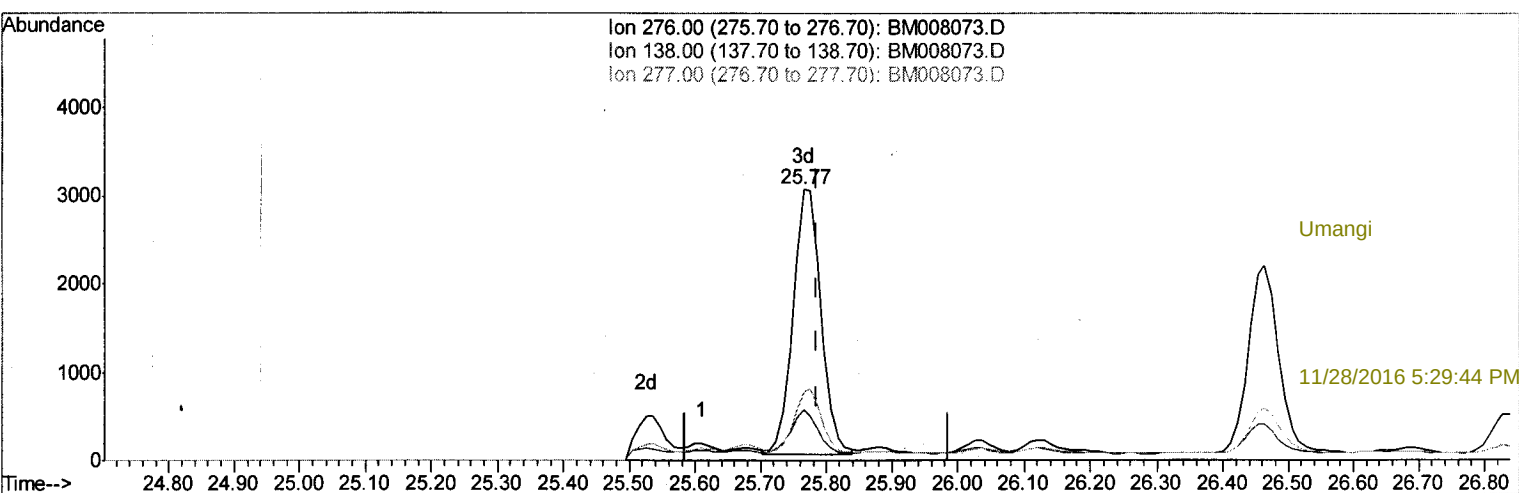
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM112316\
 Data File : BM008073.D
 Acq On : 24 Nov 2016 14:29
 Operator : UM/SJ
 Sample : H5701-07
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WD2

Manual Integrations
 APPROVED

Quant Time: Nov 25 02:42:47 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 01:27:01 2016
 Response via : Initial Calibration



TIC: BM008073.D

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

25.765min (-0.021) 0.77ng/ul m

response 8913

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Ion	Exp%	Act%
276.00	100	100
138.00	23.90	0.00#
277.00	24.50	2.31#
0.00	0.00	0.00

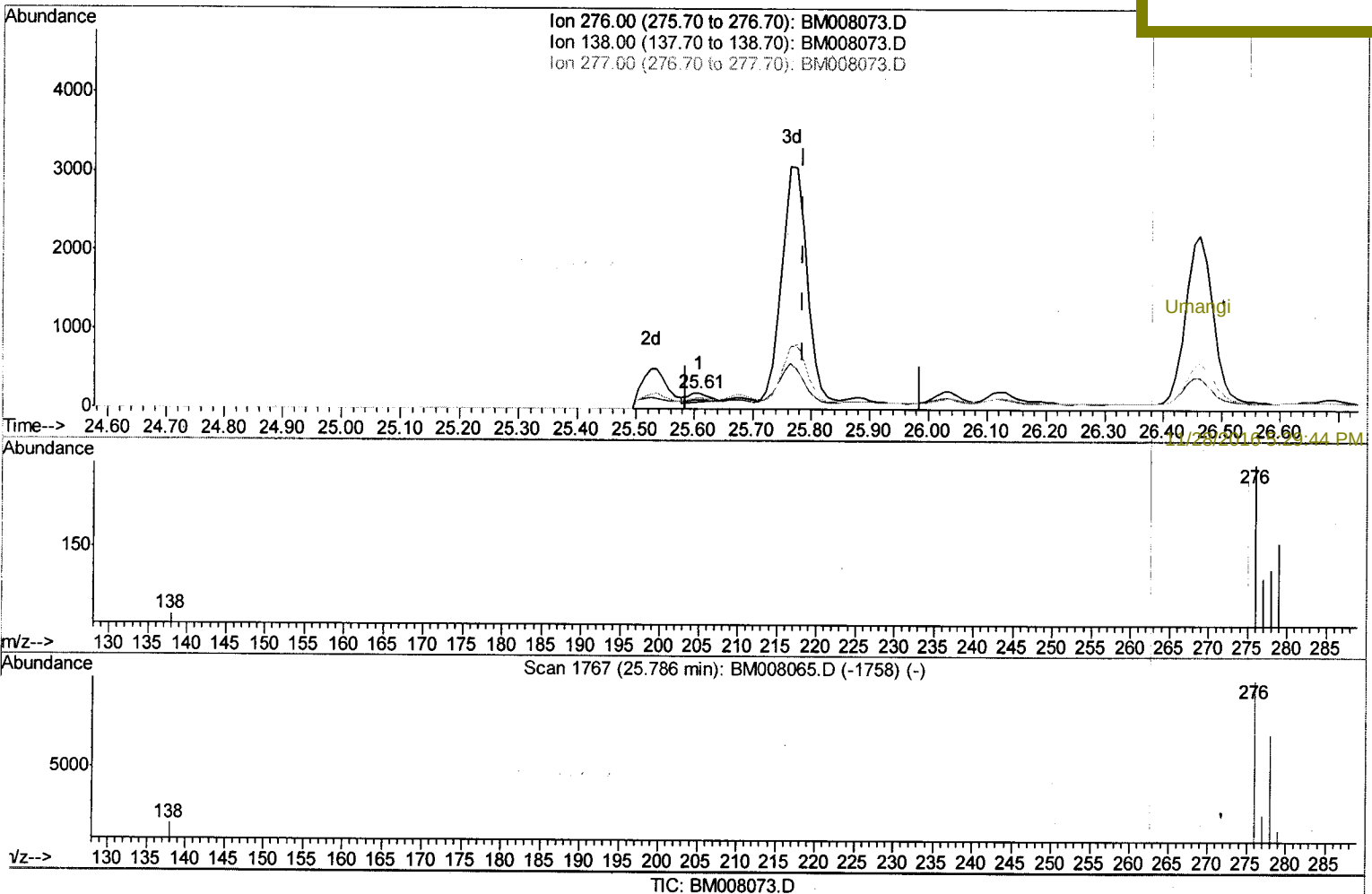
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM112316\
 Data File : BM008073.D
 Acq On : 24 Nov 2016 14:29
 Operator : UM/SJ
 Sample : H5701-07
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WD2

Quant Time: Nov 25 02:42:47 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 01:27:01 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED



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

25.609min (-0.177) 0.02ng/ul

response 286

Ion	Exp%	Act%
276.00	100	100
138.00	23.90	0.00#
277.00	24.50	72.03#
0.00	0.00	0.00

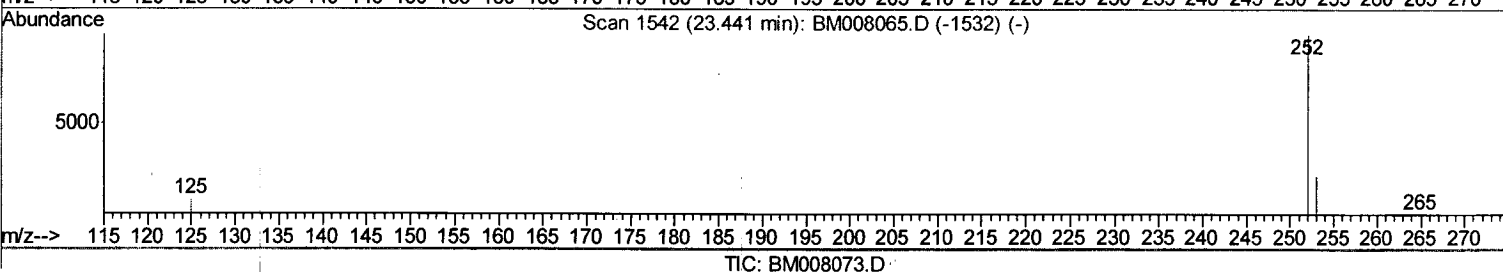
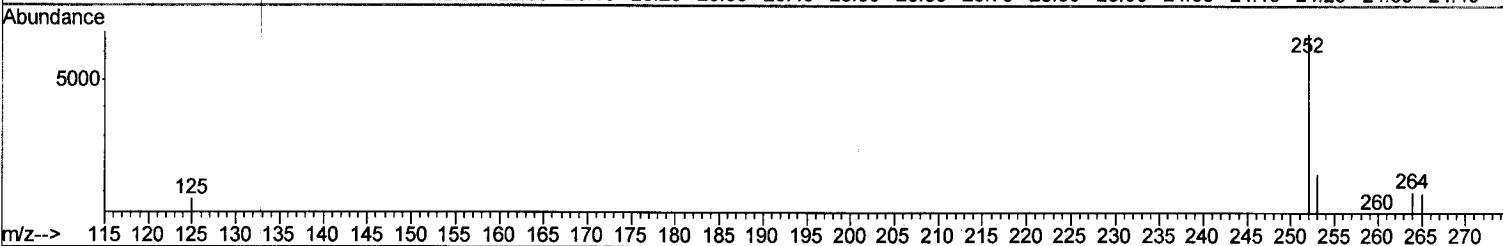
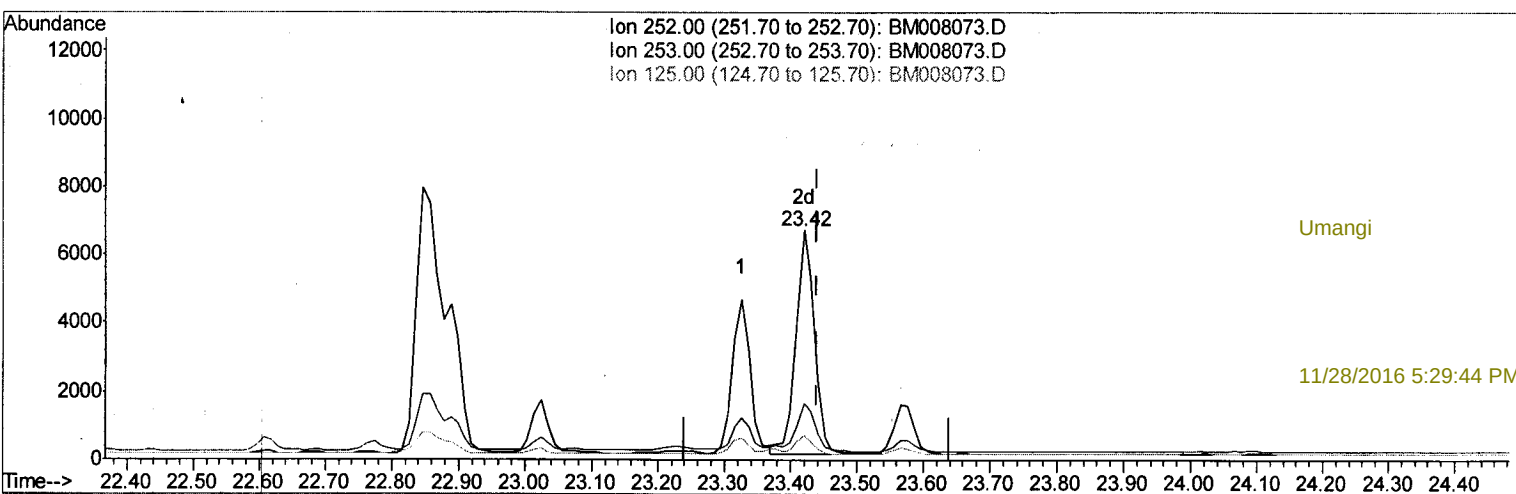
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM112316\
 Data File : BM008073.D
 Acq On : 24 Nov 2016 14:29
 Operator : UM/SJ
 Sample : H5701-07
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA M
 ClientSampleId :
 A4WD2

Manual Integrations
 APPROVED

Quant Time: Nov 25 02:42:47 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 01:27:01 2016
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.420min (-0.021) 1.36ng/ul m

response 12794

Ion Exp% Act%

252.00 100 100

253.00 35.60 24.67#

125.00 22.60 10.52#

0.00 0.00 0.00

> $\frac{S.J}{11/29/16}$

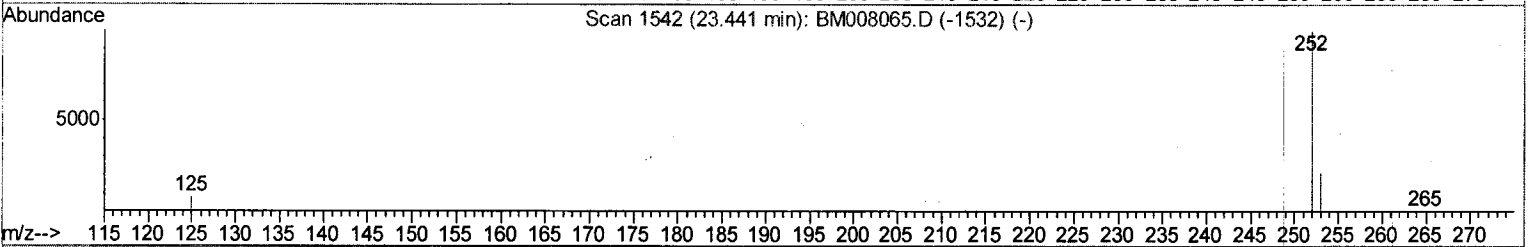
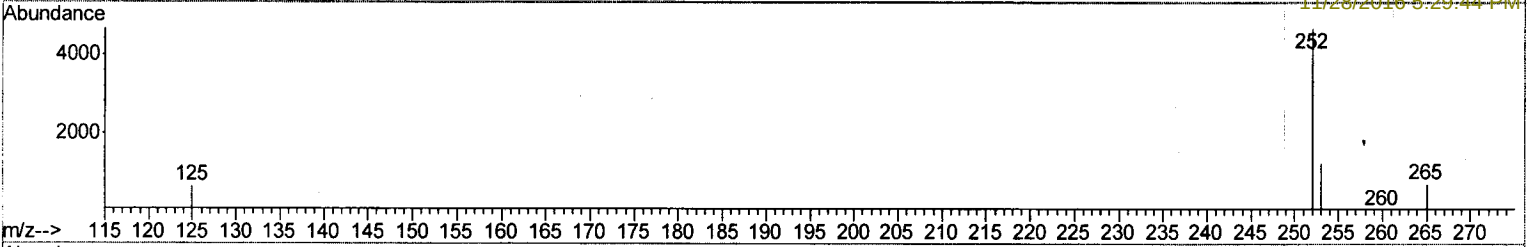
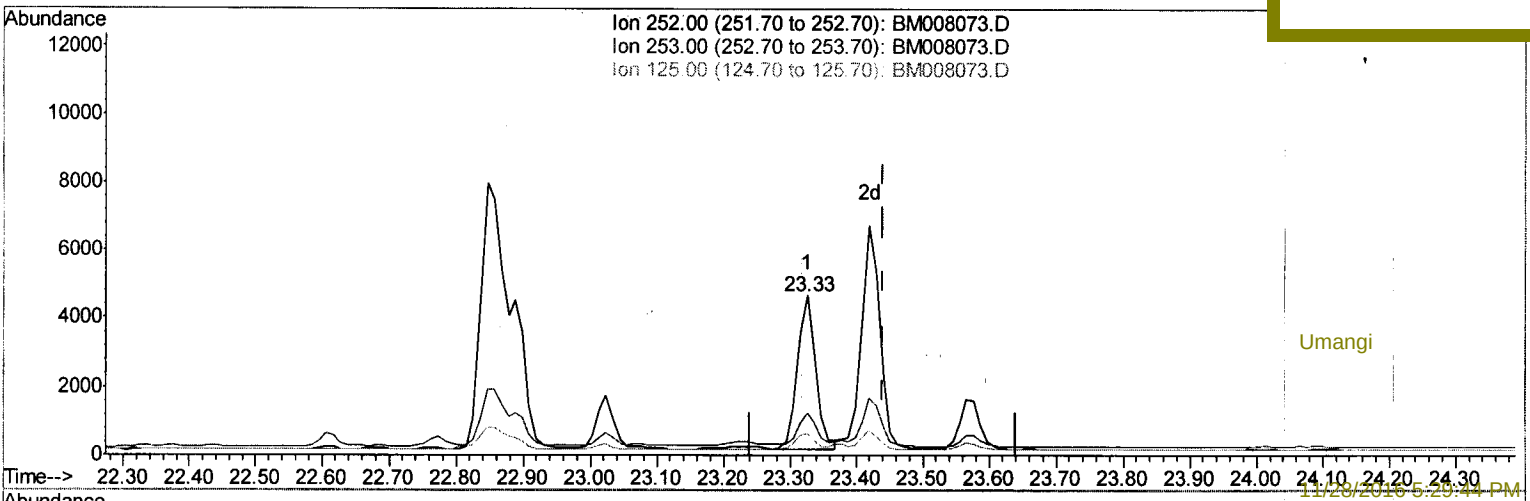
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM112316\
 Data File : BM008073.D
 Acq On : 24 Nov 2016 14:29
 Operator : UM/SJ
 Sample : H5701-07
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WD2

Quant Time: Nov 25 02:42:47 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 01:27:01 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED



TIC: BM008073.D

(23) Benzo(a)pyrene (C)
 23.326min (-0.115) 0.90ng/ul
 response 8429

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	26.24#
125.00	22.60	13.77#
0.00	0.00	0.00

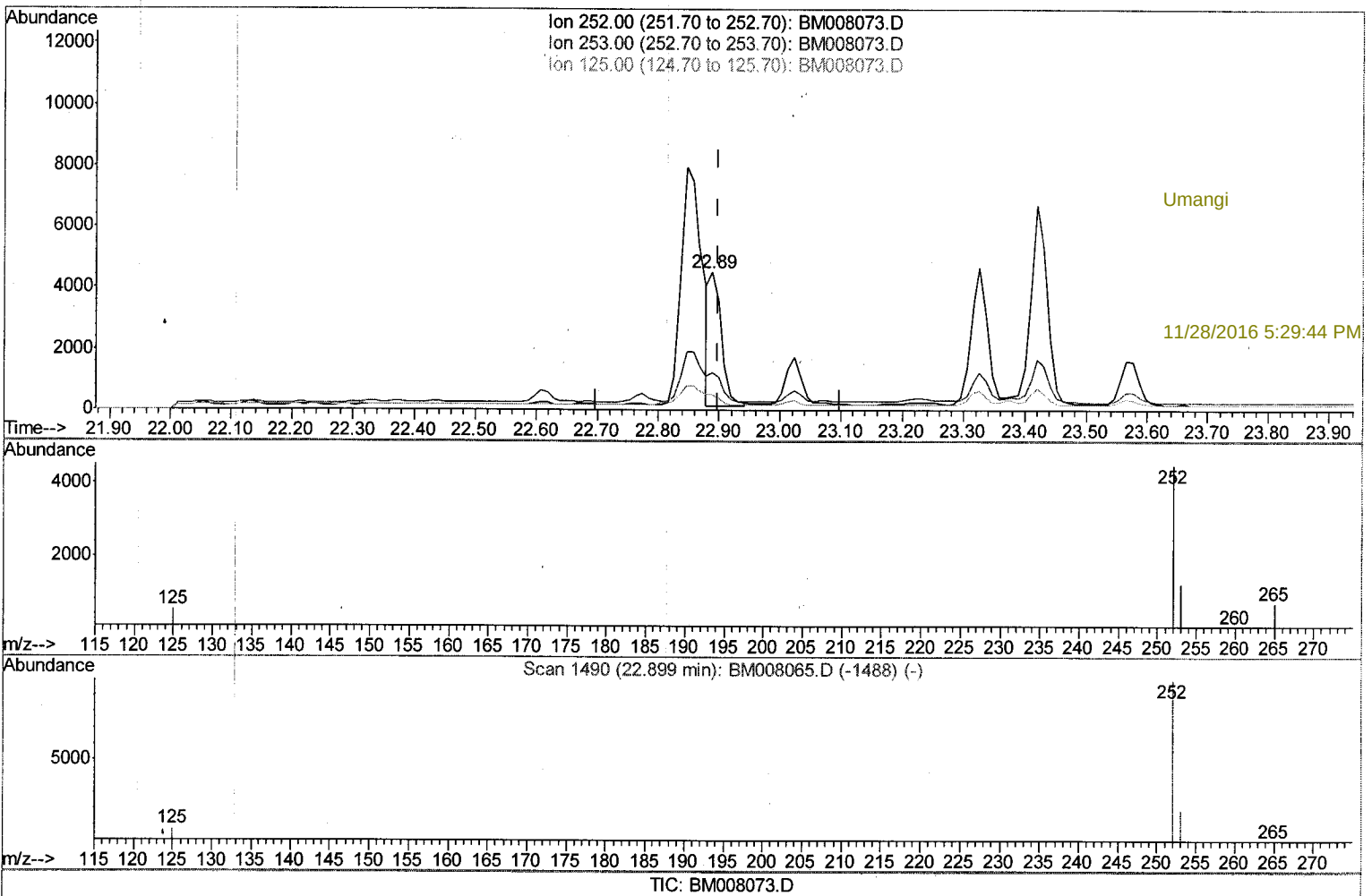
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM112316\
 Data File : BM008073.D
 Acq On : 24 Nov 2016 14:29
 Operator : UM/SJ
 Sample : H5701-07
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA M
 ClientSampleId :
 A4WD2

Manual Integrations
 APPROVED

Quant Time: Nov 25 02:42:47 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 01:27:01 2016
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.888min (-0.010) 0.58ng/ul m

response 6007

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	26.90
125.00	17.10	11.41#
0.00	0.00	0.00

> S.J
 11/29/16

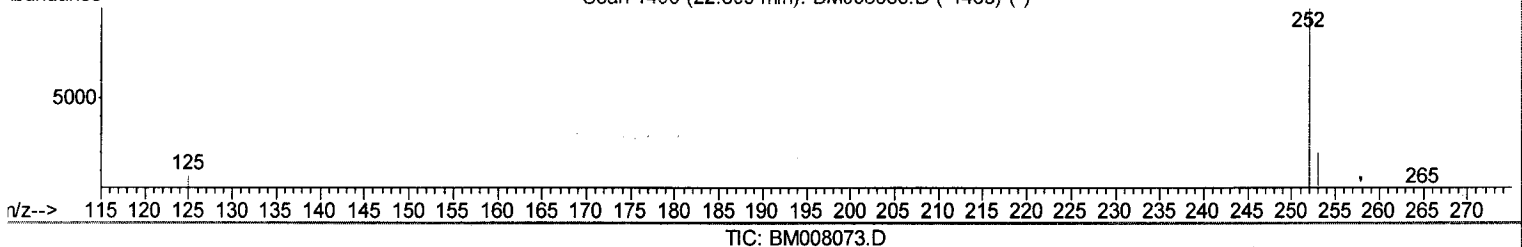
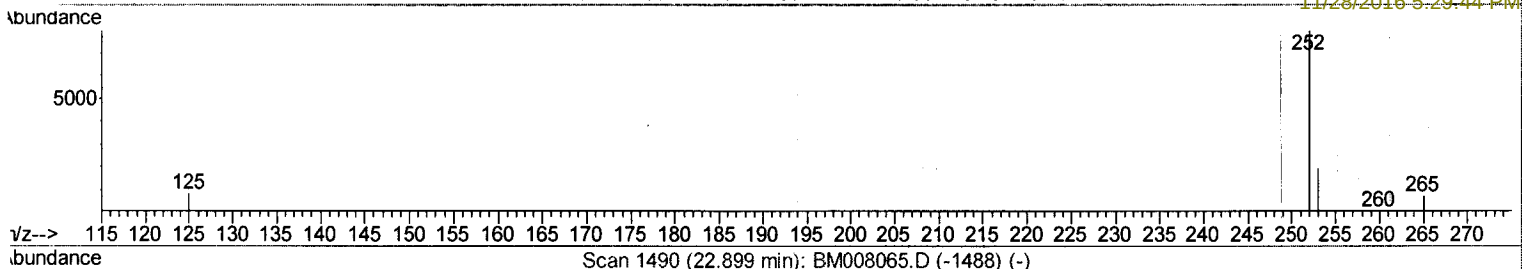
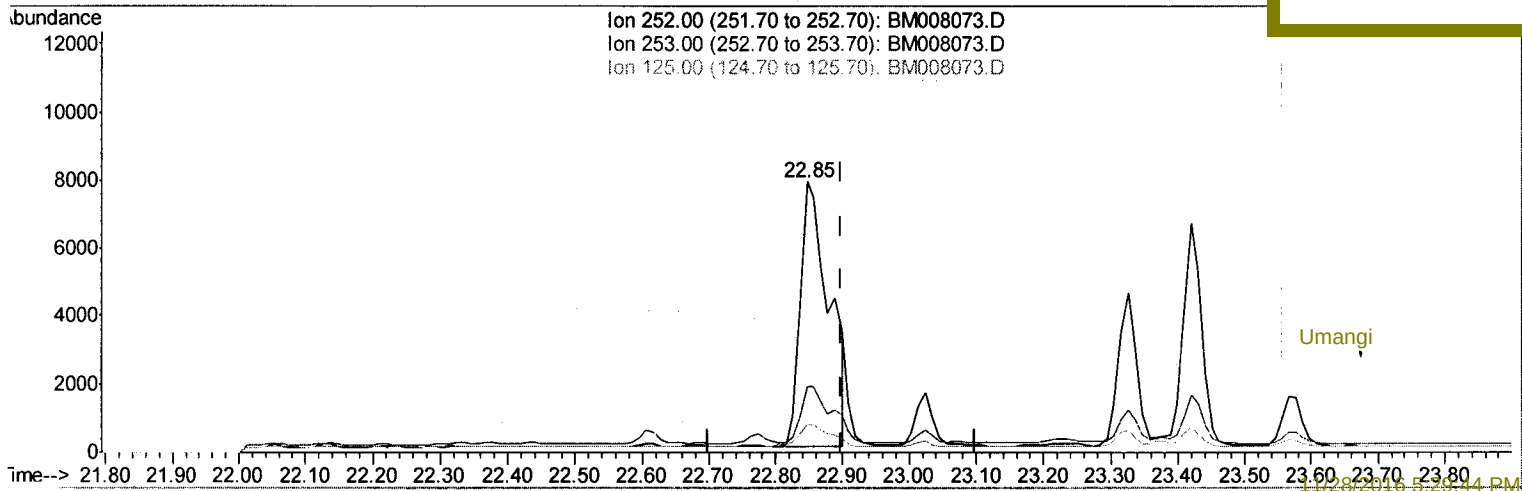
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM112316\
 Data File : BM008073.D
 Acq On : 24 Nov 2016 14:29
 Operator : UM/SJ
 Sample : H5701-07
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WD2

Quant Time: Nov 25 02:42:47 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 01:27:01 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED



(22) Benzo(k)fluoranthene

22.847min (-0.052) 2.23ng/ul

response 23073

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	24.09#
125.00	17.10	10.12#
0.00	0.00	0.00

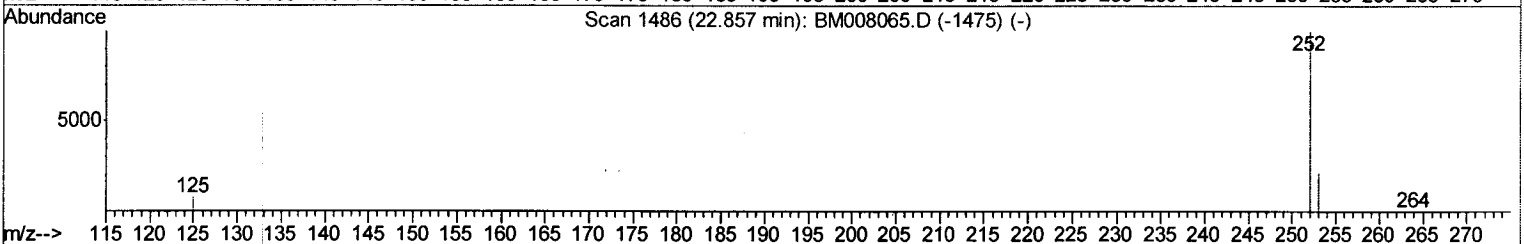
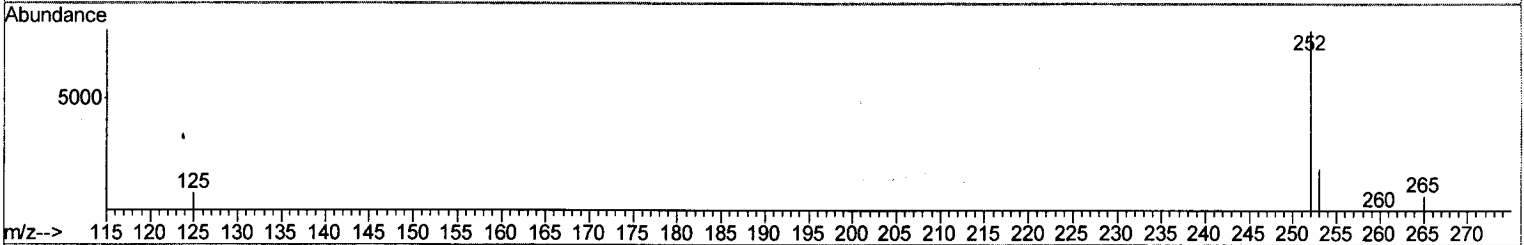
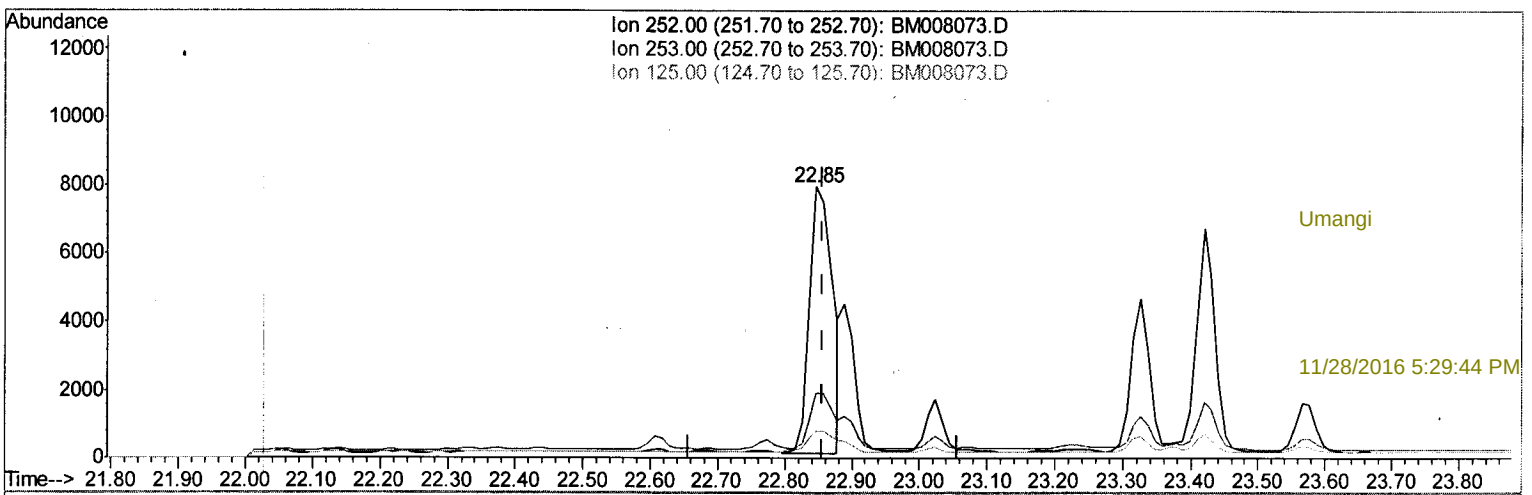
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM112316\
 Data File : BM008073.D
 Acq On : 24 Nov 2016 14:29
 Operator : UM/SJ
 Sample : H5701-07
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WD2

Manual Integrations
 APPROVED

Quant Time: Nov 25 02:42:47 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 01:27:01 2016
 Response via : Initial Calibration



TIC: BM008073.D

(21) Benzo(b)fluoranthene

22.847min (-0.010) 1.85ng/ul m

response 18524

Ion , Exp% Act%

252.00 100 100

253.00 32.10 24.09

125.00 17.50 10.12

0.00 0.00 0.00

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 11/29/16

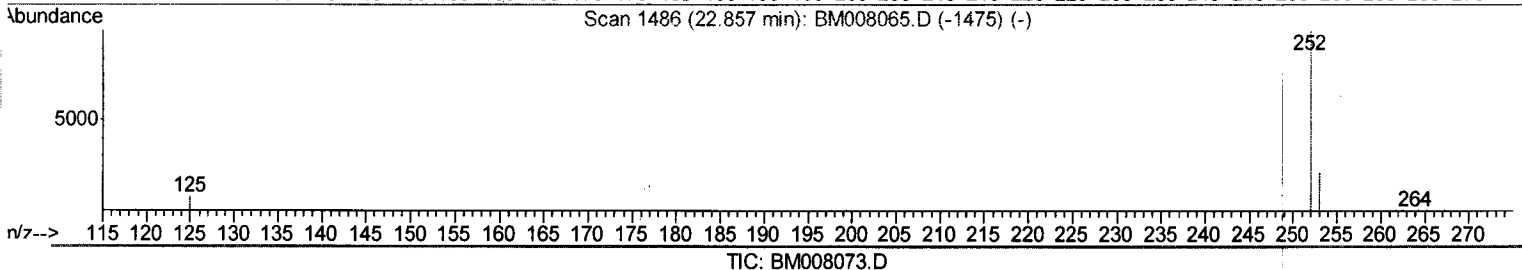
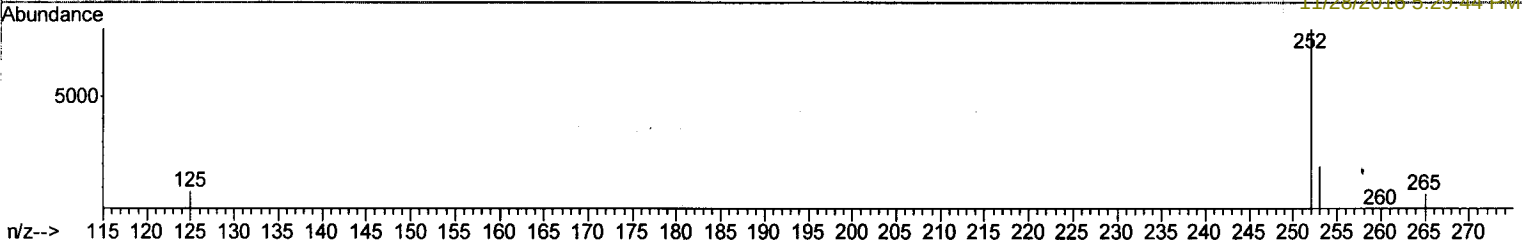
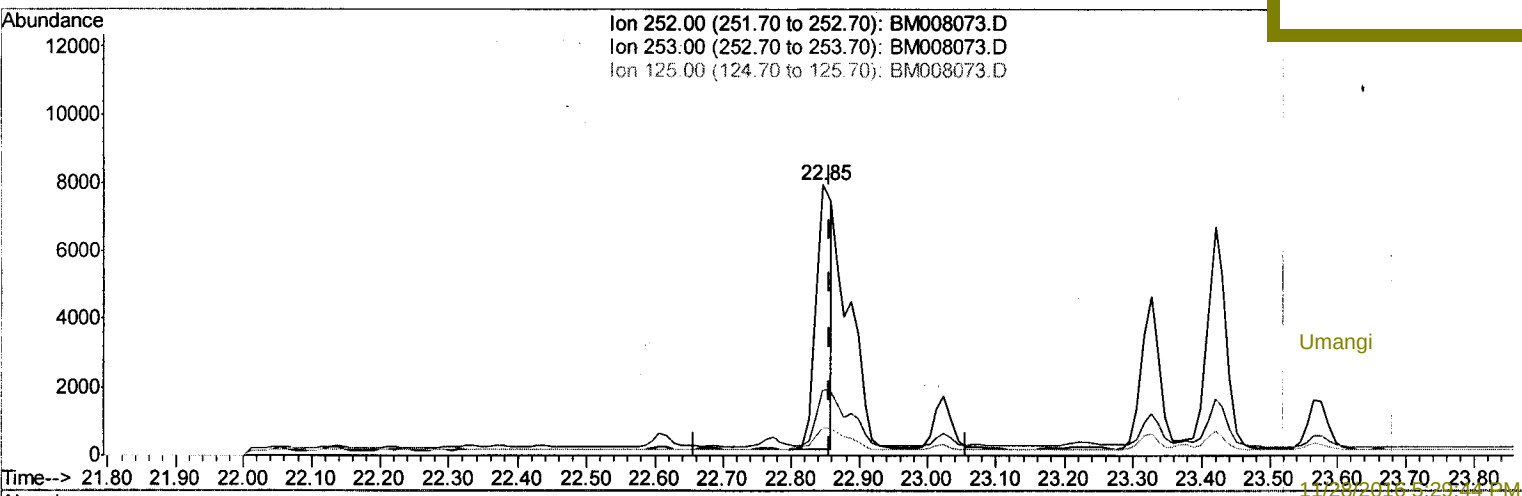
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM112316\
 Data File : BM008073.D
 Acq On : 24 Nov 2016 14:29
 Operator : UM/SJ
 Sample : H5701-07
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WD2

Quant Time: Nov 25 02:42:47 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Manual Integrations
 APPROVED



(21) Benzo(b)fluoranthene
 22.847min (-0.010) 1.26ng/ul
 response 12604

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	24.09
125.00	17.50	10.12
0.00	0.00	0.00

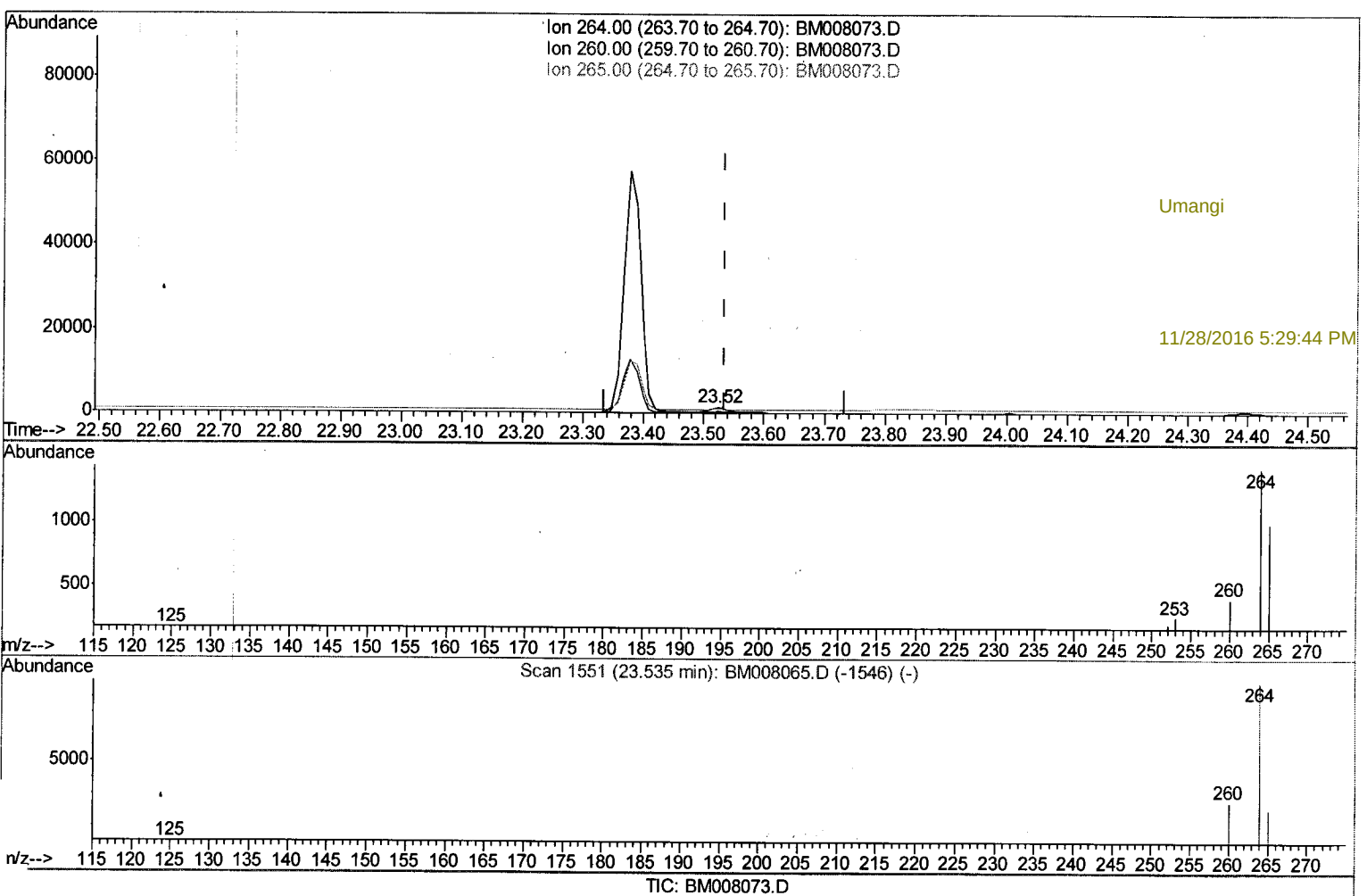
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM112316\
 Data File : BM008073.D
 Acq On : 24 Nov 2016 14:29
 Operator : UM/SJ
 Sample : H5701-07
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WD2

Manual Integrations
 APPROVED

Quant Time: Nov 25 01:29:57 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 01:27:01 2016
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.524min (-0.010) 0.40ng/ul m

response 2511

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	28.79
265.00	103.50	70.02#
0.00	0.00	0.00

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 11/29/16

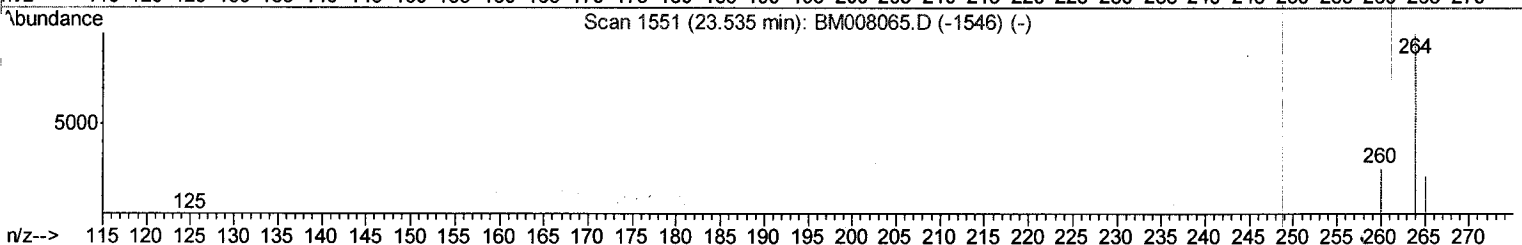
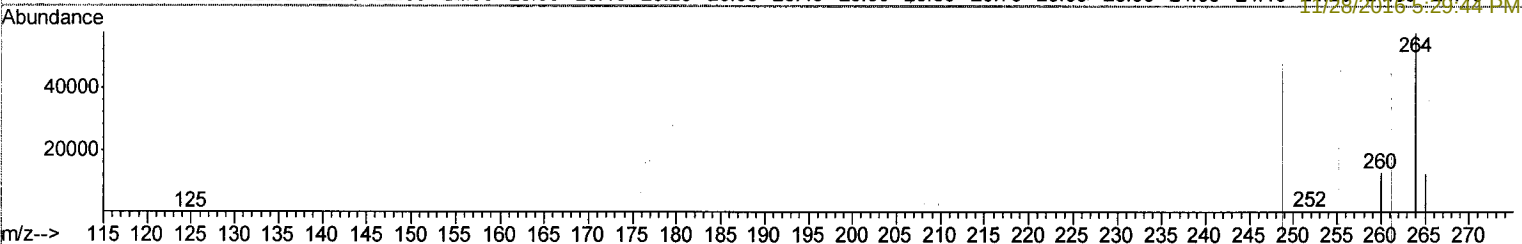
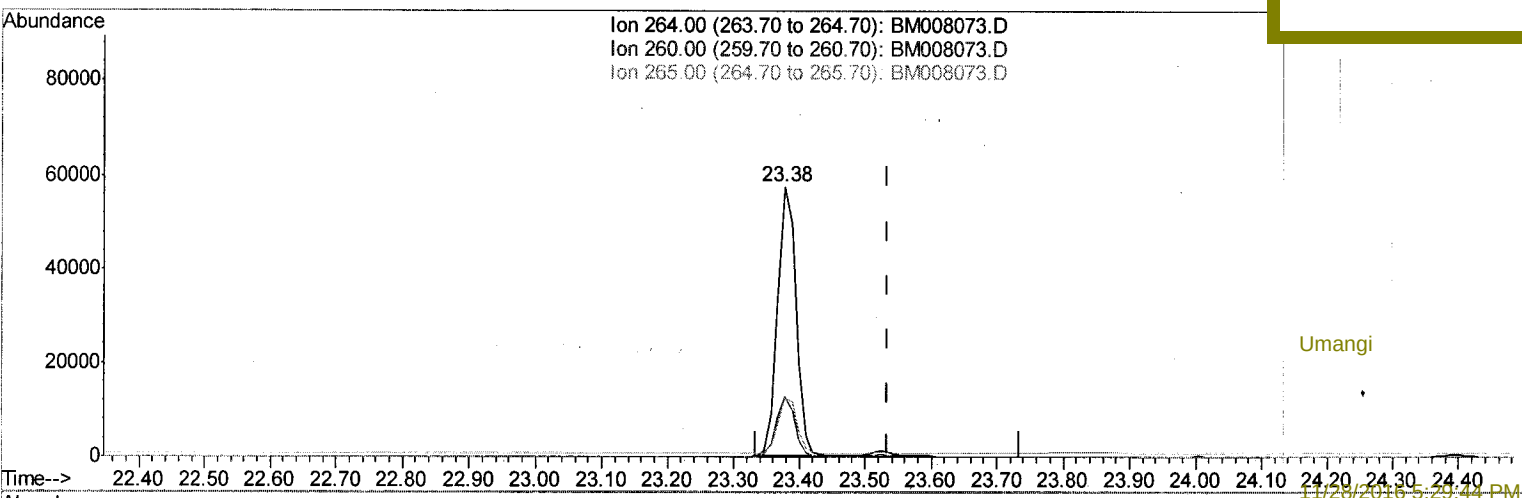
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM112316\
 Data File : BM008073.D
 Acq On : 24 Nov 2016 14:29
 Operator : UM/SJ
 Sample : H5701-07
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WD2

Quant Time: Nov 25 01:29:57 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 01:27:01 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED



TIC: BM008073.D

(20) Perylene-d12 (I)

23.378min (-0.156) 0.40ng/ul

response 109086

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	22.33#
265.00	103.50	21.58#
0.00	0.00	0.00

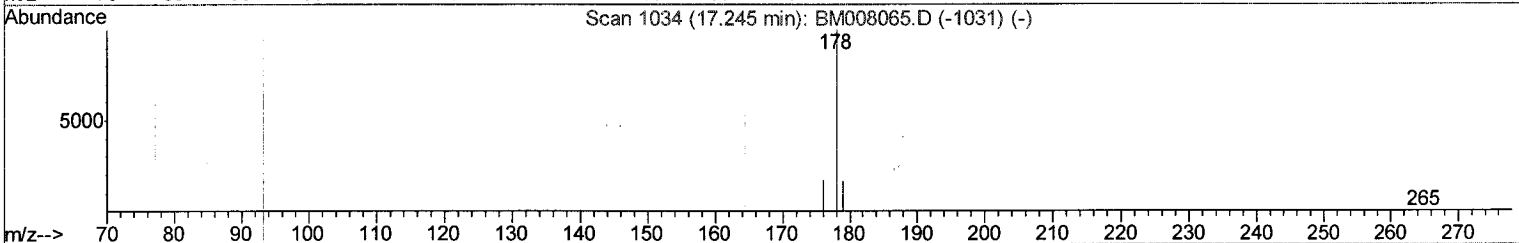
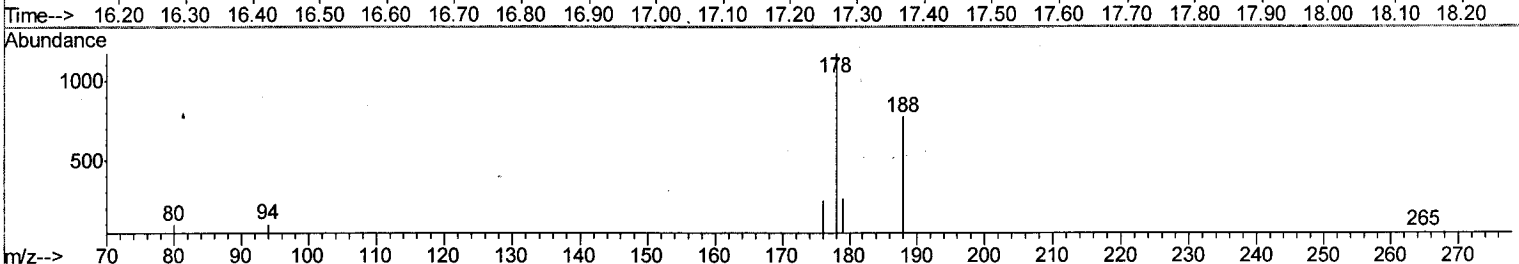
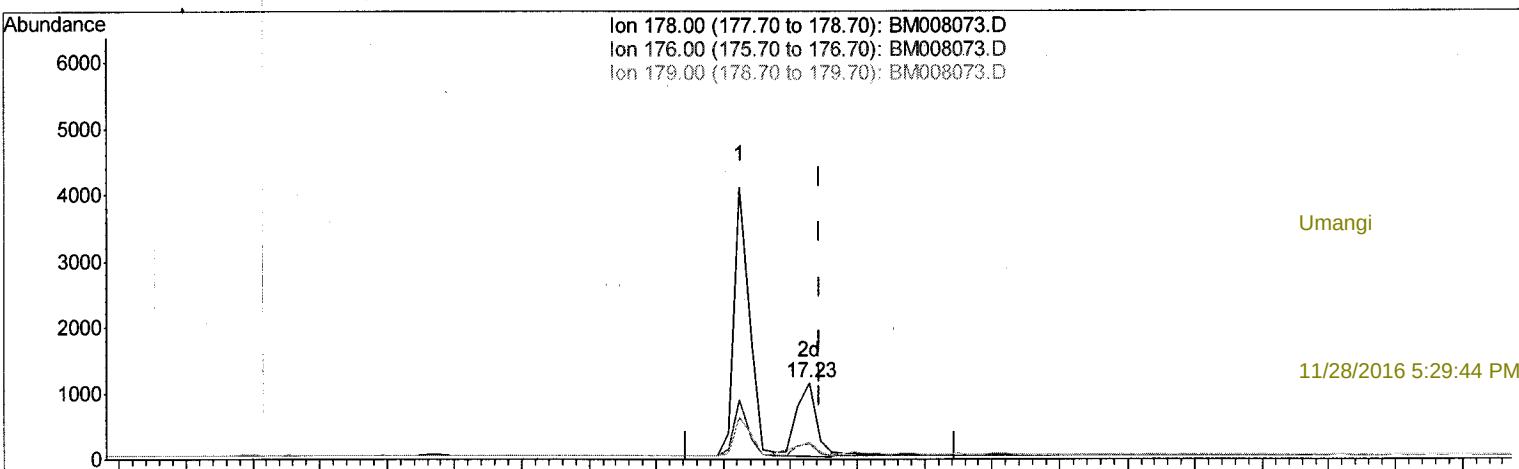
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM112316\
 Data File : BM008073.D
 Acq On : 24 Nov 2016 14:29
 Operator : UM/SJ
 Sample : H5701-07
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WD2

Manual Integrations
 APPROVED

Quant Time: Nov 25 01:29:57 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 01:27:01 2016
 Response via : Initial Calibration



TIC: BM008073.D

(13) Anthracene

17.228min (-0.017) 0.30ng/ul m

response 2297

Ion	Exp%	Act%
178.00	100	100
176.00	22.60	20.99
179.00	18.40	22.37#
0.00	0.00	0.00

> S.J
 11/29/16

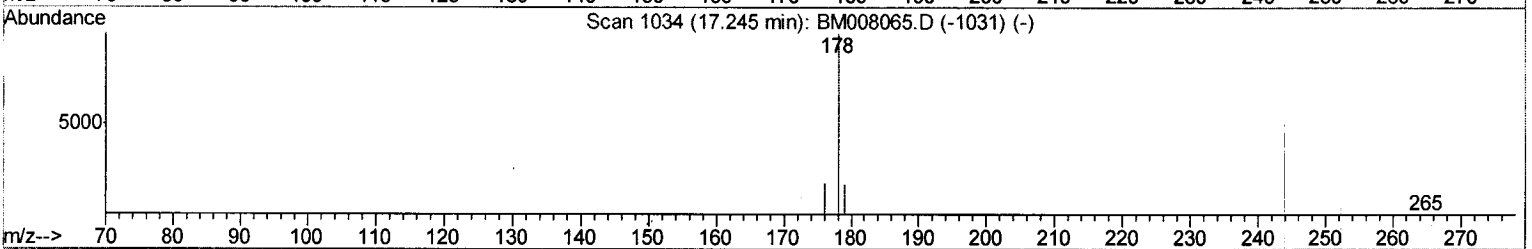
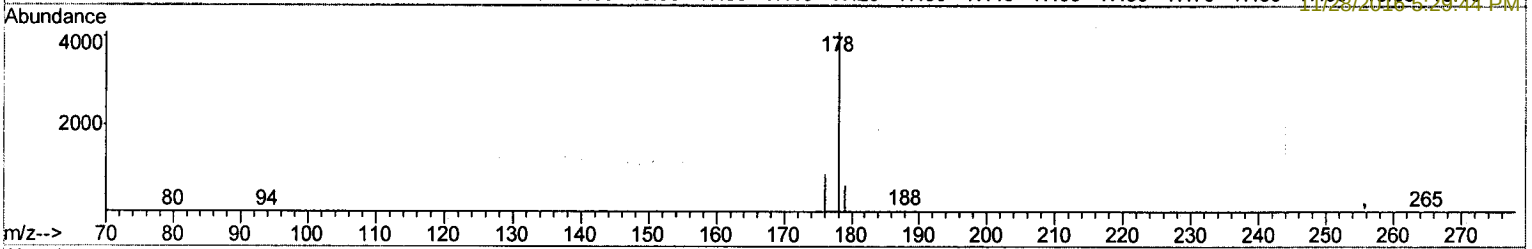
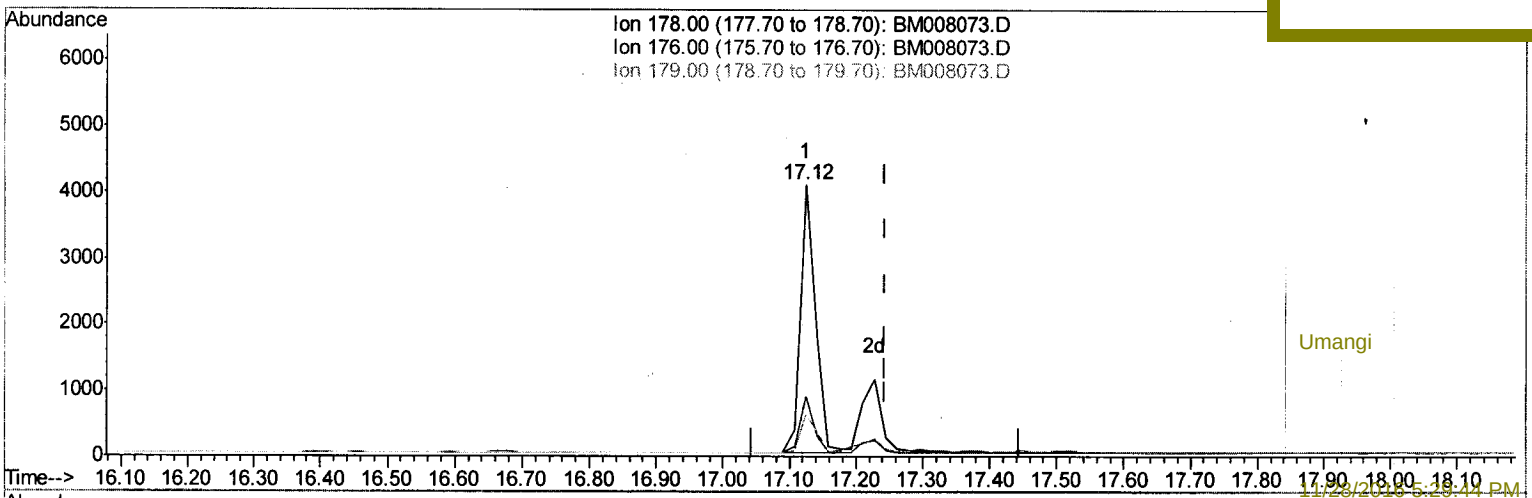
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM112316\
 Data File : BM008073.D
 Acq On : 24 Nov 2016 14:29
 Operator : UM/SJ
 Sample : H5701-07
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA M
 ClientSampled :
 A4WD2

Quant Time: Nov 25 01:29:57 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 01:27:01 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED



TIC: BM008073.D

(13) Anthracene

17.125min (-0.120) 0.83ng/ul

response 6417

Ion	Exp%	Act%
178.00	100	100
176.00	22.60	21.79
179.00	18.40	15.50
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM112316\
Data File : BM008073.D
Acq On : 24 Nov 2016 14:29
Operator : UM/SJ
Sample : H5701-07
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4WD2

Manual Integrations
APPROVED

Quant Time: Nov 25 02:45:42 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 25 01:27:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	673	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.49	136	2339	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.35	164	1393	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	2644	0.40	ng/ul	-0.02
16) Chrysene-d12	21.28	240	2801	0.40	ng/ul	-0.01
20) Perylene-d12	23.52	264	2511m	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.10	152	494	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	1213	0.16	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
7) Acenaphthylene	14.06	152	1472	0.23	ng/ul	95
8) Acenaphthene	14.40	153	193	0.04	ng/ul#	91
9) Fluorene	15.39	166	352	0.06	ng/ul#	78
12) Phenanthrene	17.12	178	6417	0.78	ng/ul	97
13) Anthracene	17.23	178	2297m	0.30	ng/ul	
15) Fluoranthene	19.16	202	19468	1.83	ng/ul	93
17) Pyrene	19.52	202	17359	1.79	ng/ul	96
18) Benzo(a)anthracene	21.27	228	13006	1.51	ng/ul	97
19) Chrysene	21.32	228	11950	1.12	ng/ul	97
21) Benzo(b)fluoranthene	22.85	252	18524m	1.85	ng/ul	
22) Benzo(k)fluoranthene	22.89	252	6007m	0.58	ng/ul	
23) Benzo(a)pyrene	23.42	252	12794m	1.36	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.77	276	8913m	0.77	ng/ul	
25) Dibenzo(a,h)anthracene	25.78	278	2332m	0.25	ng/ul	
26) Benzo(g,h,i)perylene	26.46	276	6977m	0.68	ng/ul	

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

S.J
11/29/16

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11/28/2016 5:29:44 PM

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