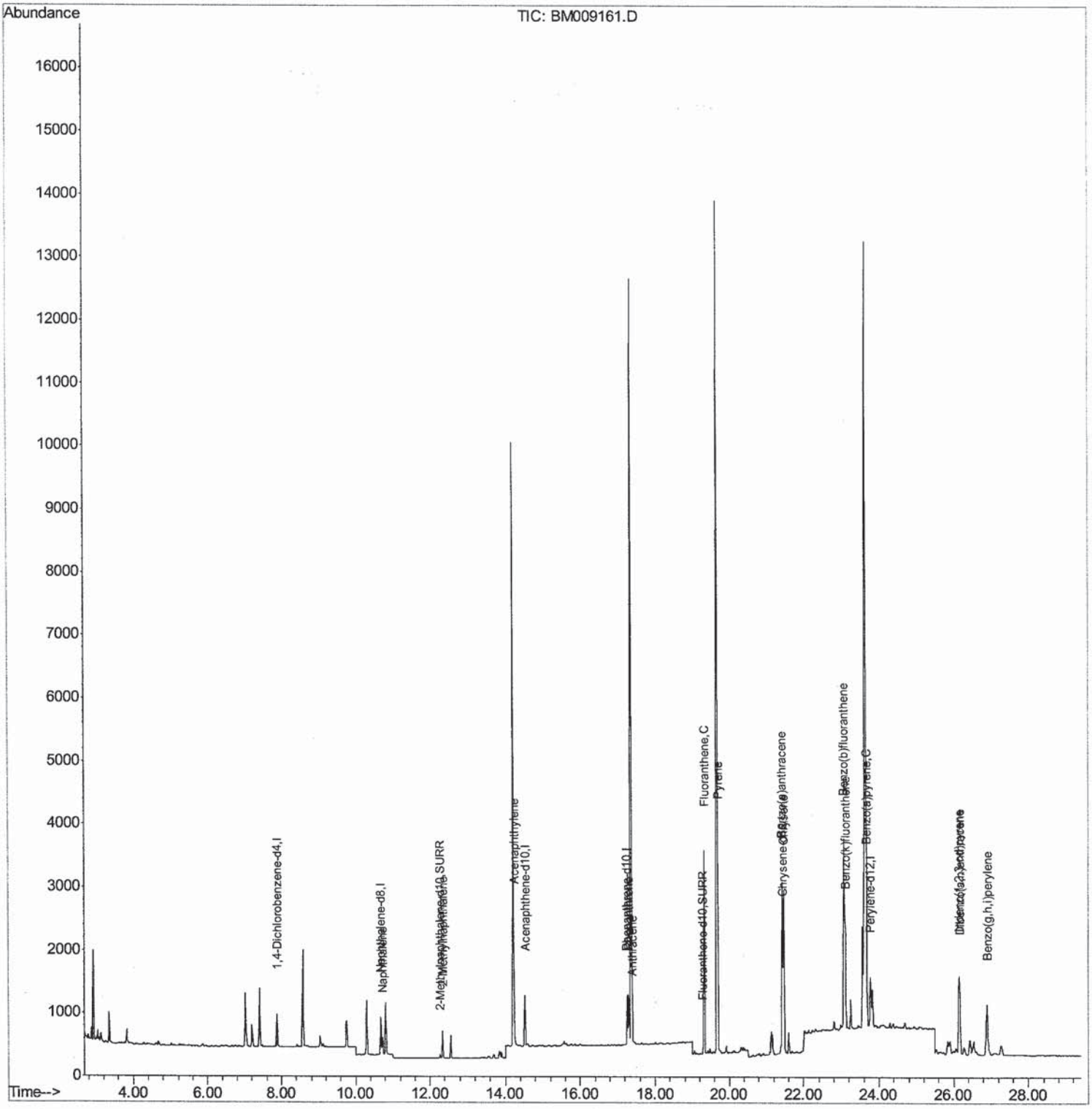
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
Data File : BM009161.D
Acq On : 10 Mar 2017 00:33
Operator : SJ/MA
Sample : I2062-21DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Mar 10 04:02:03 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 10 03:16:46 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AK7DL

Manual Integrations APPROVED
mohammad
3/10/2017 6:01:48 PM



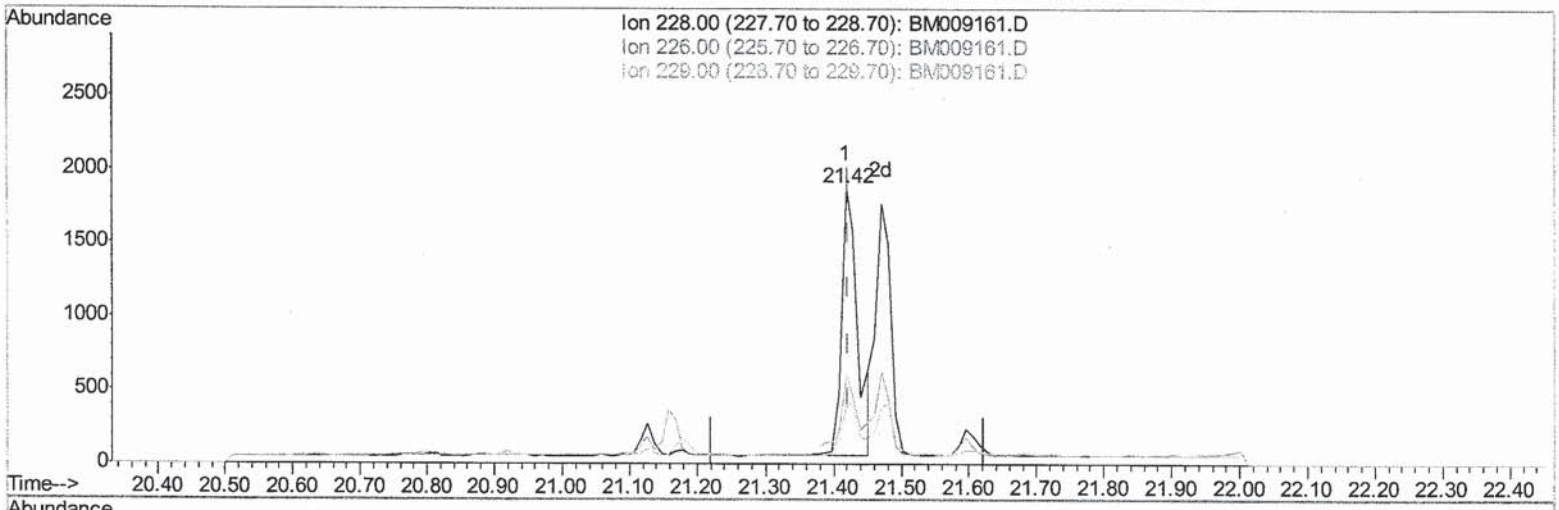
Quantitation Report (Qedit)

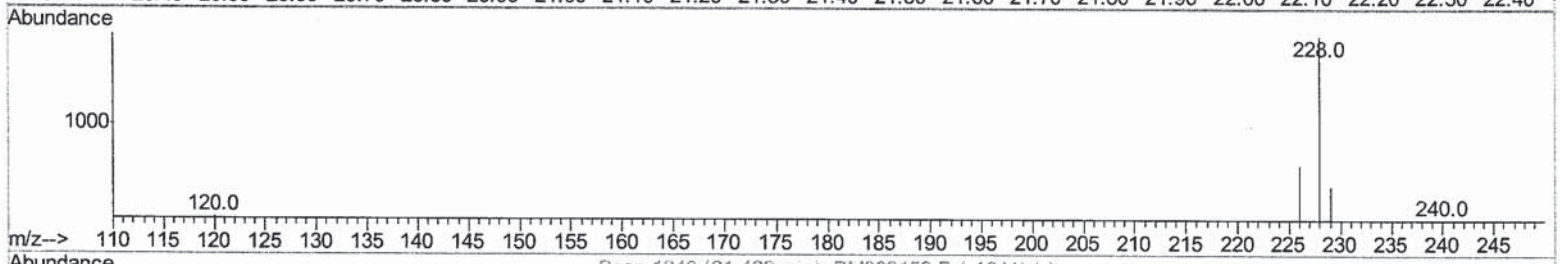
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
Data File : BM009161.D
Acq On : 10 Mar 2017 00:33
Operator : SJ/MA
Sample : I2062-21DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

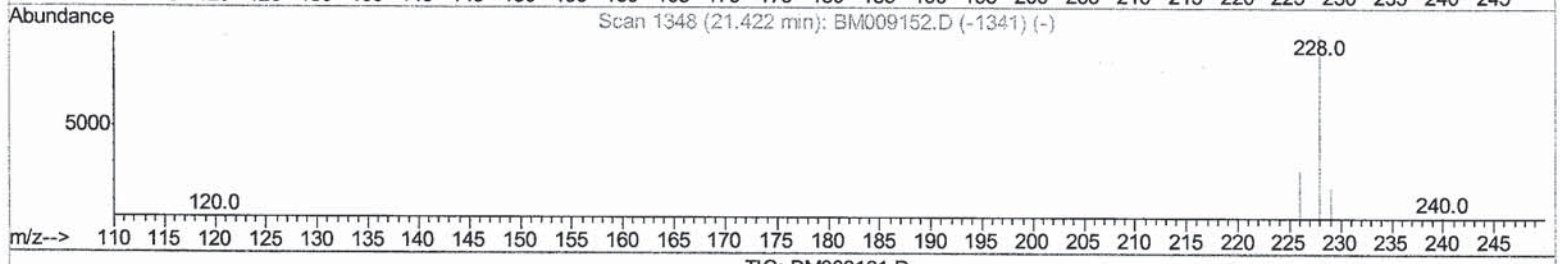
Quant Time: Mar 10 03:18:03 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 10 03:16:46 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AK7DL

Manual Integrations APPROVED
mohammad
3/10/2017 6:01:48 PM







TIC: BM009161.D

(18) Benzo(a)anthracene

21.419min (-0.003) 0.80ng/ul

response 3028

Ion	Exp%	Act%
228.00	100	100
226.00	28.50	32.32
229.00	21.30	21.30
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
Data File : BM009161.D
Acq On : 10 Mar 2017 00:33
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Misc :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
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QLast Update : Fri Mar 10 03:16:46 2017
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Instrument :
BNA_M
ClientSampleId :
C0AK7DL

Manual Integrations APPROVED
mohammad
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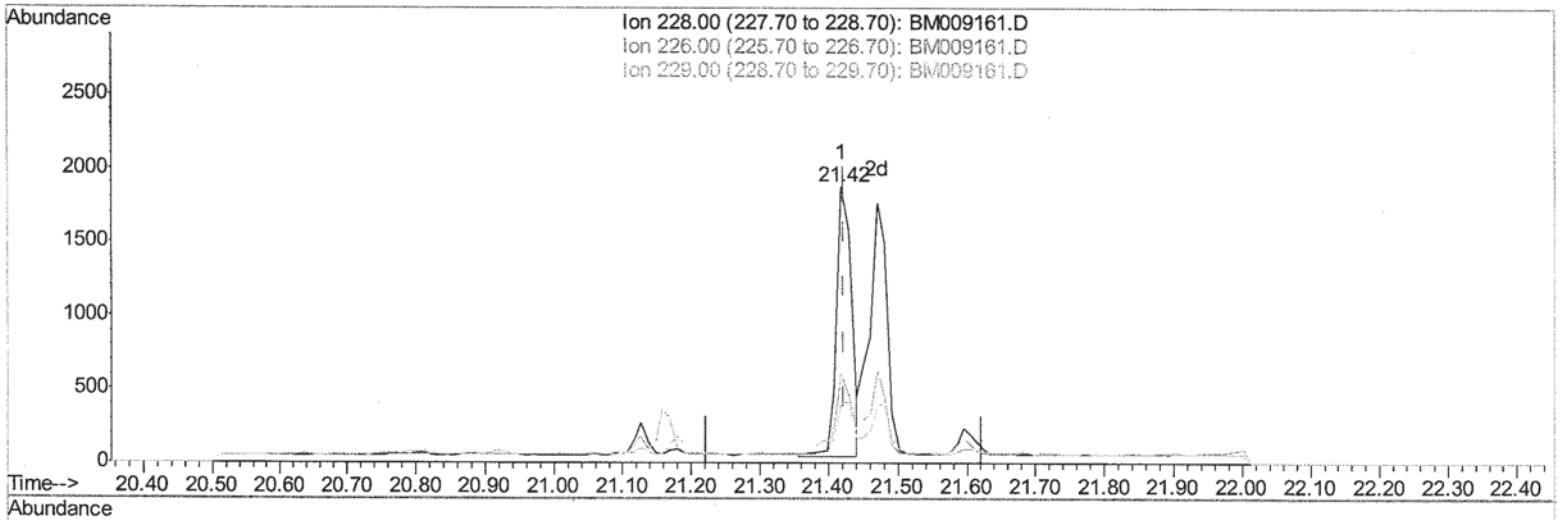

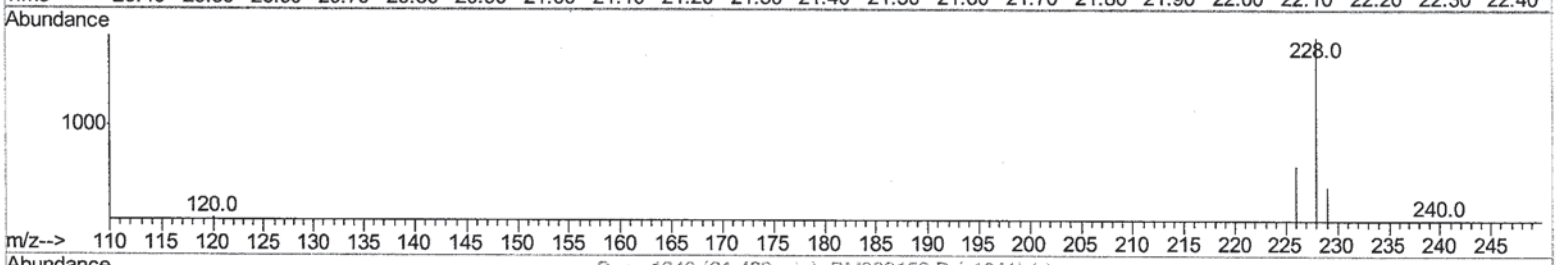

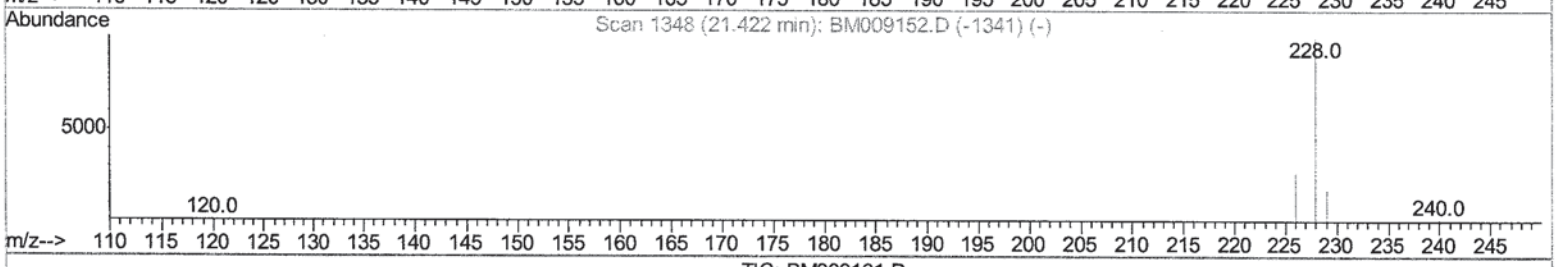

TIC: BM009161.D

(18) Benzo(a)anthracene

21.419min (-0.003) 0.72ng/ul m SJ 3/13/17

response 2739

Ion	Exp%	Act%
228.00	100	100
226.00	28.50	32.32
229.00	21.30	21.30
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
Data File : BM009161.D
Acq On : 10 Mar 2017 00:33
Operator : SJ/MA
Sample : I2062-21DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Mar 10 03:18:03 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 10 03:16:46 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AK7DL

Manual Integrations APPROVED
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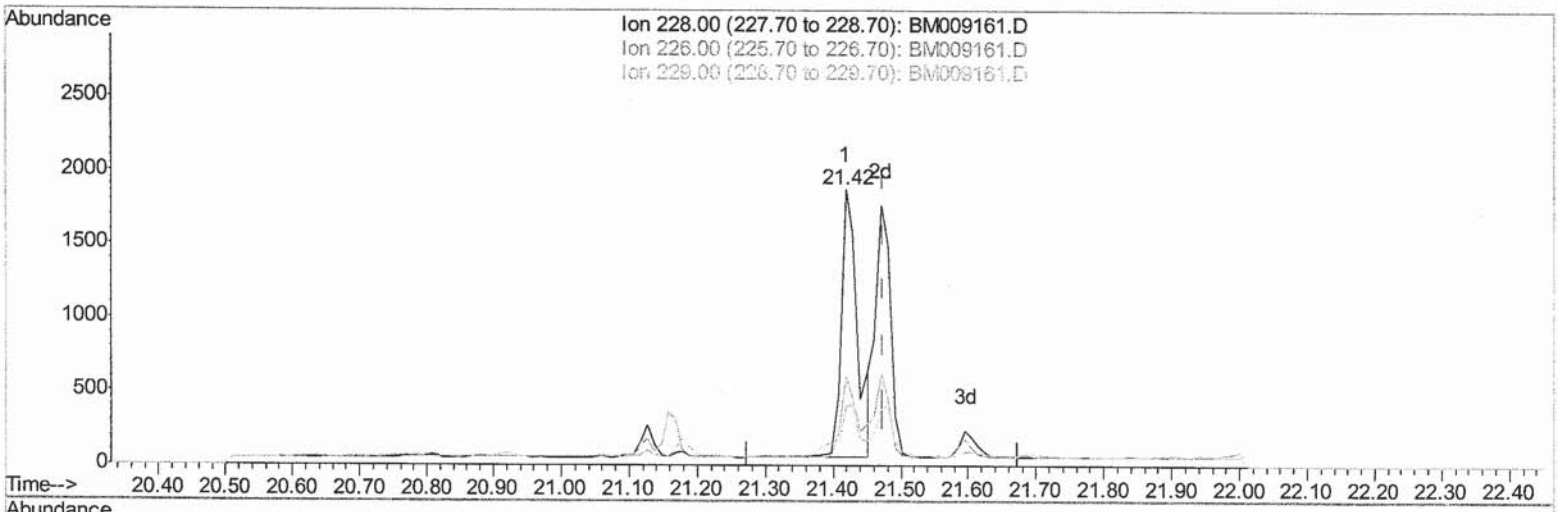

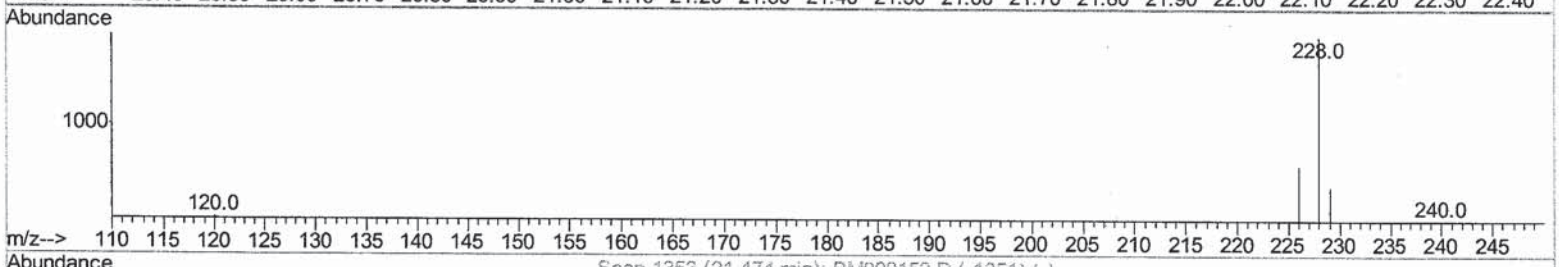

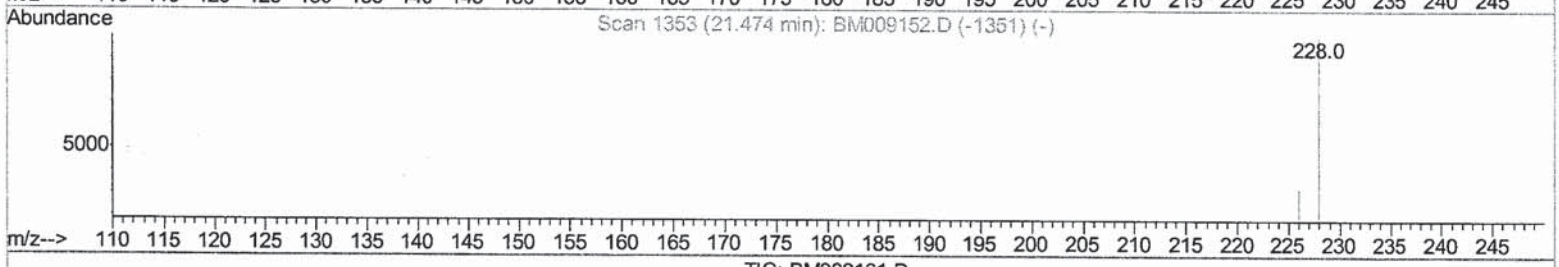

TIC: BM009161.D

(19) Chrysene

21.419min (-0.055) 0.84ng/ul

response 3028

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	32.32
229.00	22.10	21.30
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
Data File : BM009161.D
Acq On : 10 Mar 2017 00:33
Operator : SJ/MA
Sample : I2062-21DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Mar 10 03:18:03 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 10 03:16:46 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AK7DL

Manual Integrations APPROVED
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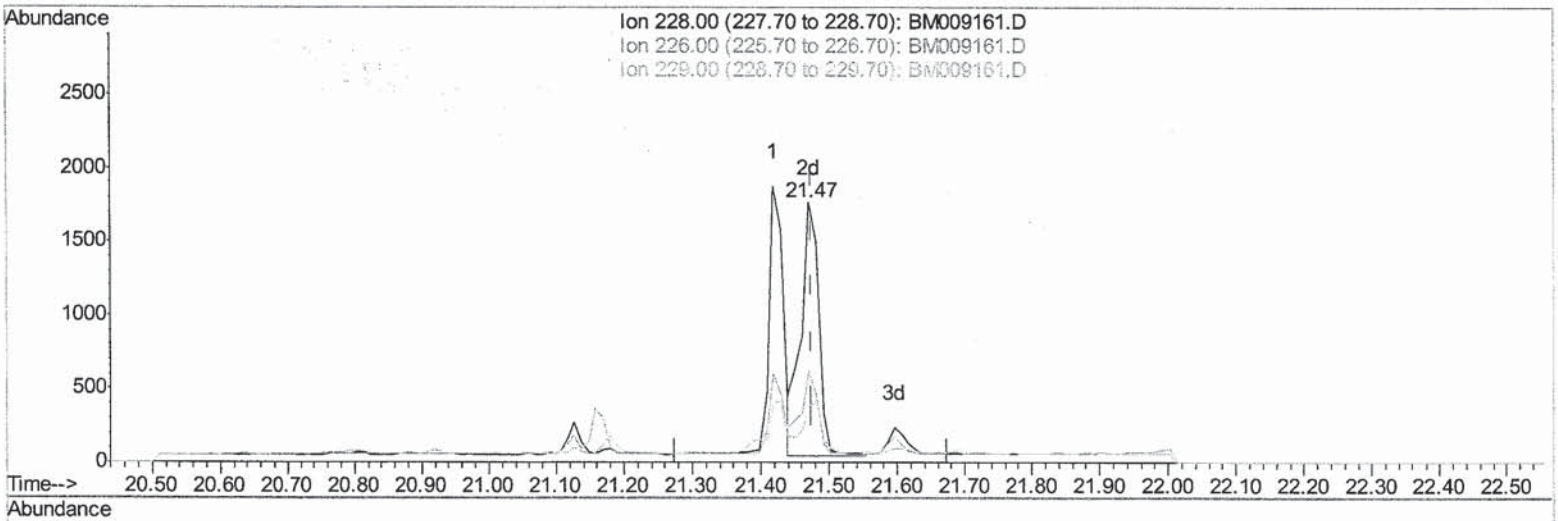

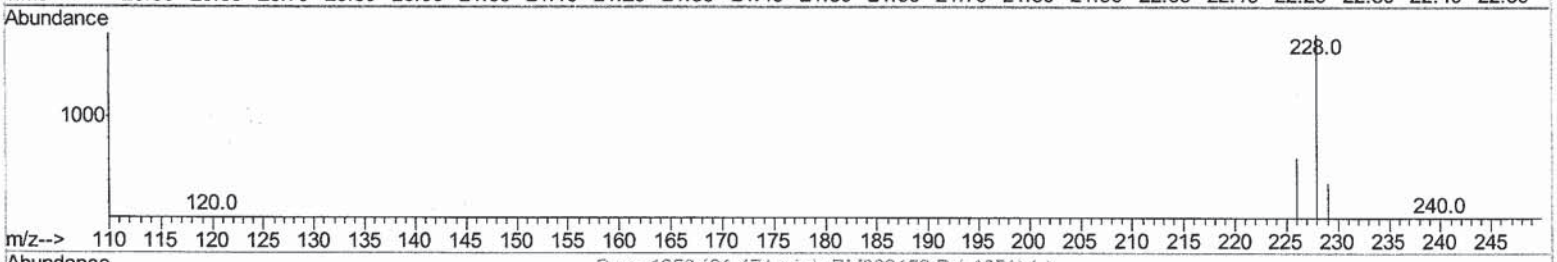

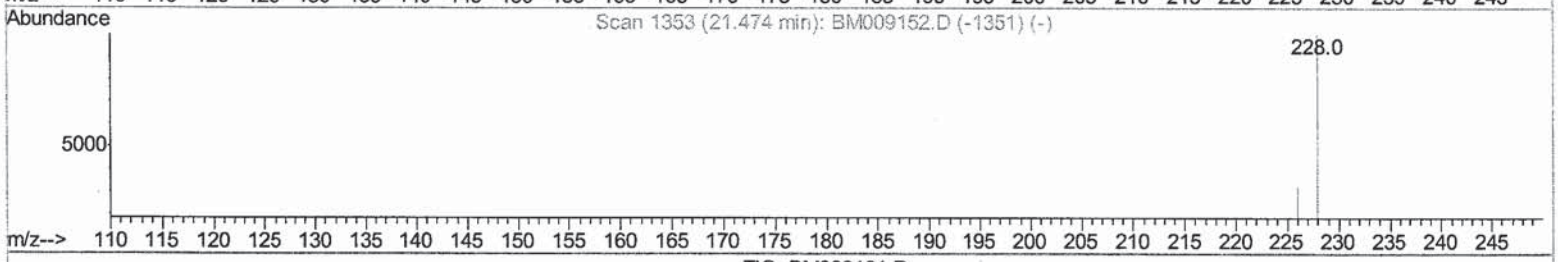

TIC: BM009161.D

(19) Chrysene

21.471min (-0.003) 0.88ng/ul m

51 3/13/17

response 3161

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	35.28#
229.00	22.10	21.69
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
Data File : BM009161.D
Acq On : 10 Mar 2017 00:33
Operator : SJ/MA
Sample : I2062-21DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Mar 10 03:18:03 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 10 03:16:46 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AK7DL

Manual Integrations APPROVED
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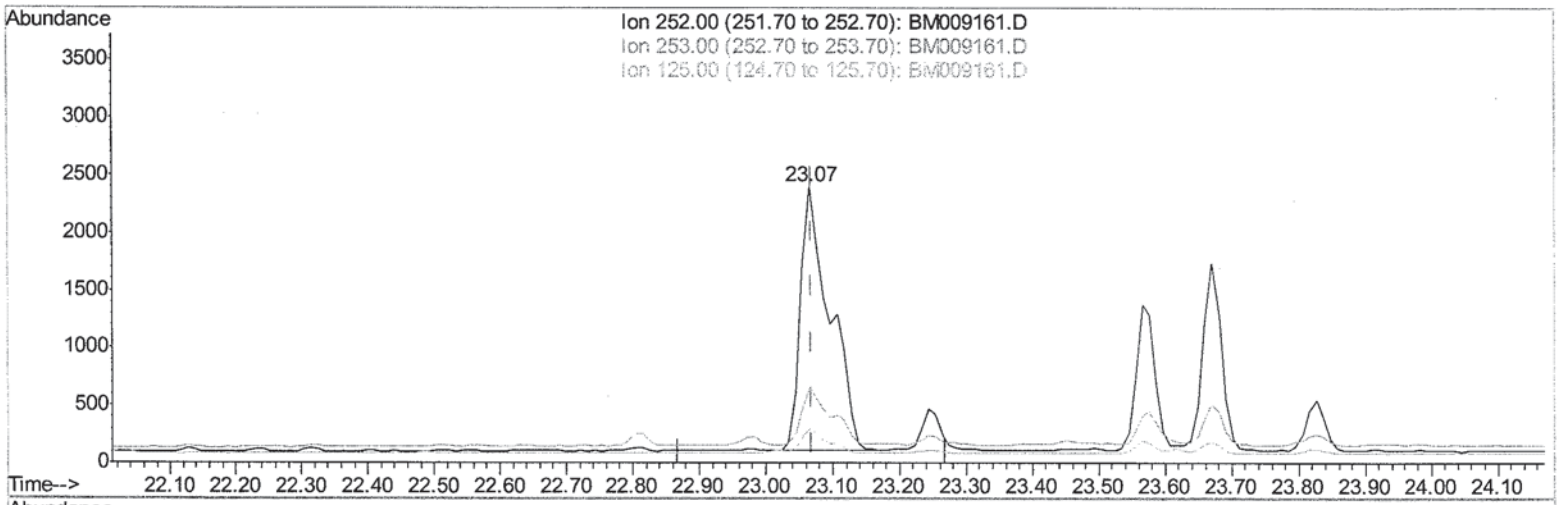
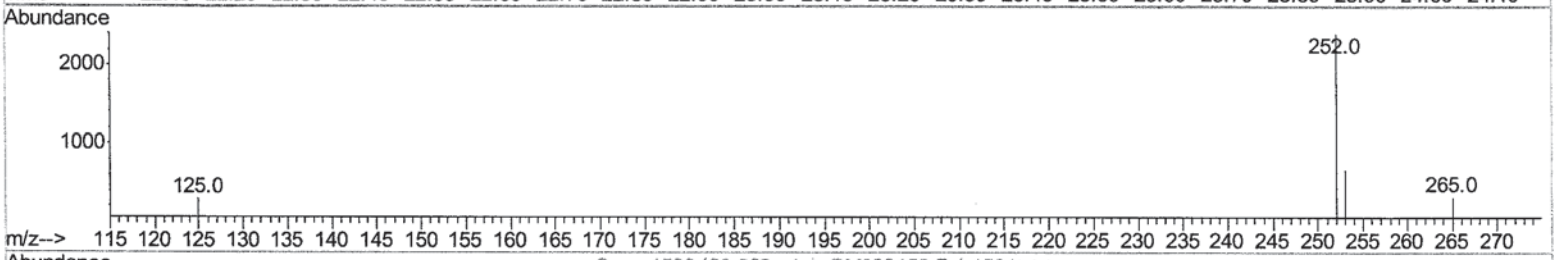
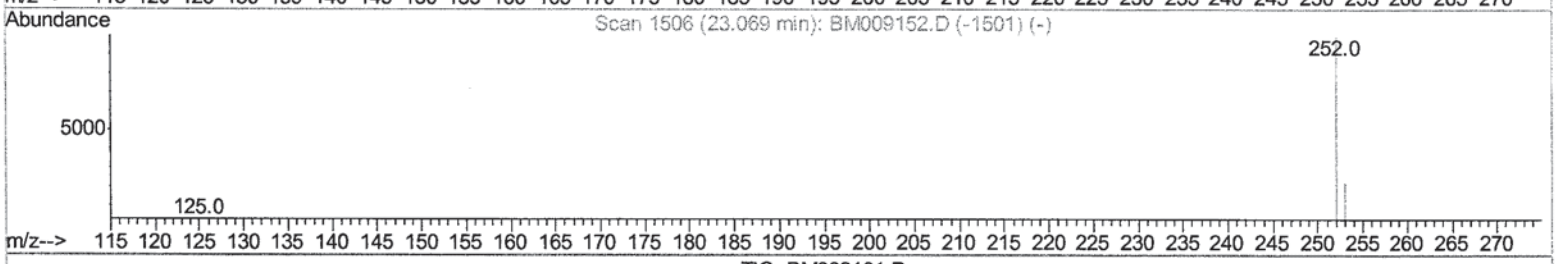






TIC: BM009161.D

(21) Benzo(b)fluoranthene

23.066min (-0.003) 1.52ng/ul

response 6974

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	27.49
125.00	17.50	12.08
0.00	0.00	0.00

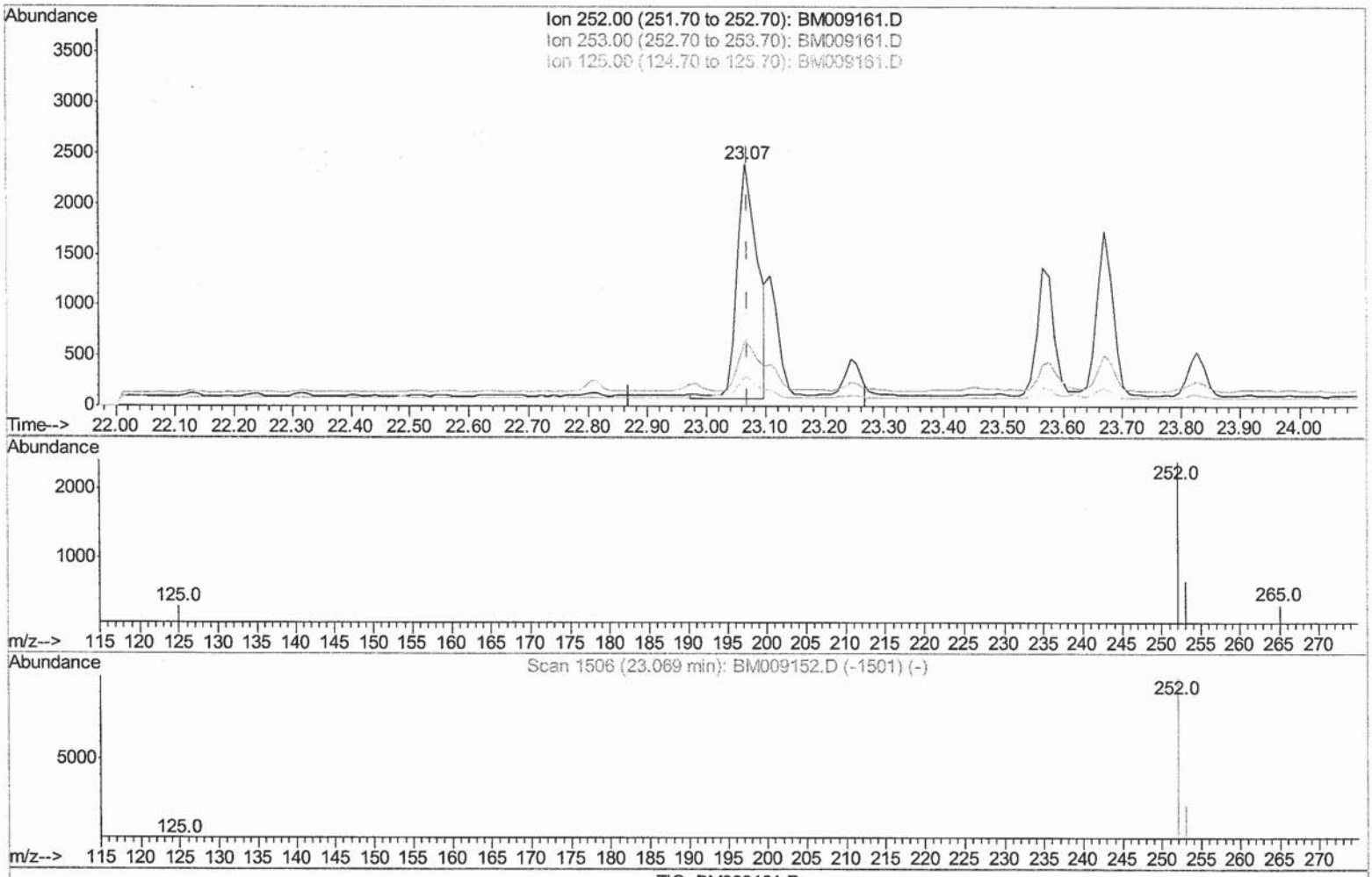
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
Data File : BM009161.D
Acq On : 10 Mar 2017 00:33
Operator : SJ/MA
Sample : I2062-21DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Mar 10 03:18:03 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 10 03:16:46 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AK7DL

Manual Integrations APPROVED
mohammad
3/10/2017 6:01:48 PM



TIC: BM009161.D

(21) Benzo(b)fluoranthene

23.066min (-0.003) 1.23ng/ul m SJ 3/13/17

response 5673

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	27.49
125.00	17.50	12.08
0.00	0.00	0.00

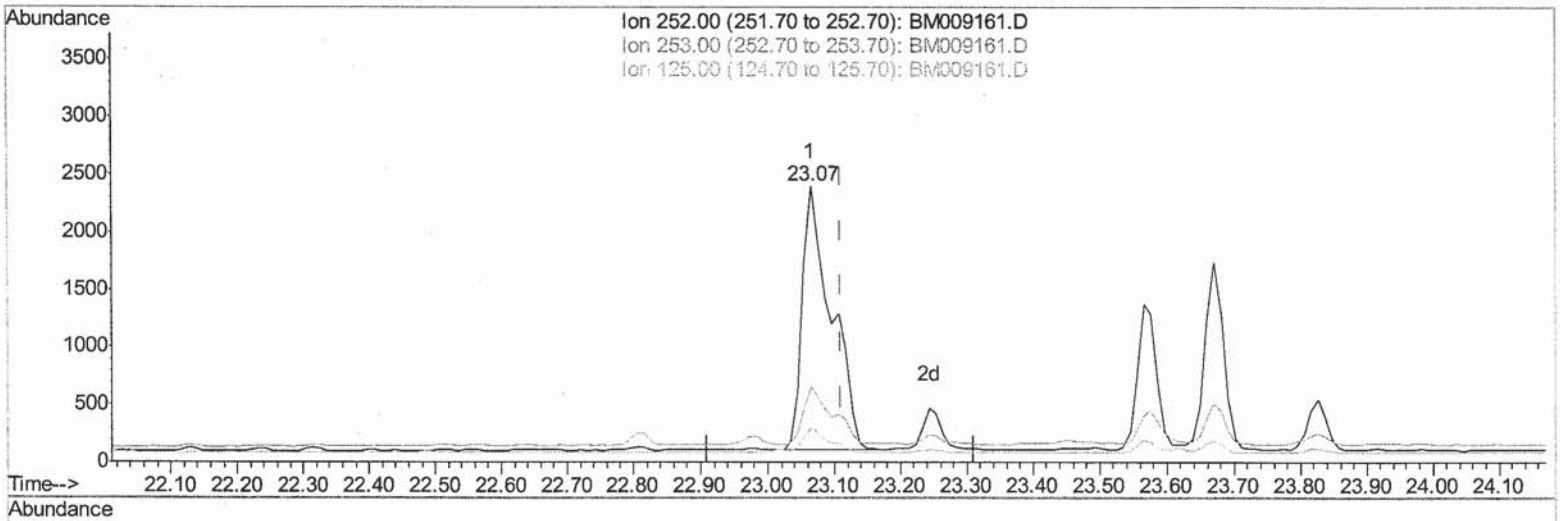
Quantitation Report (Qedit)

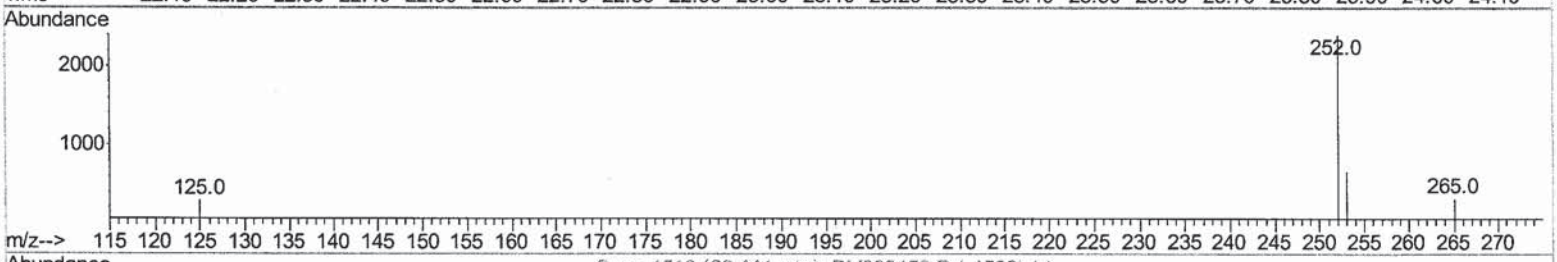
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
Data File : BM009161.D
Acq On : 10 Mar 2017 00:33
Operator : SJ/MA
Sample : I2062-21DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

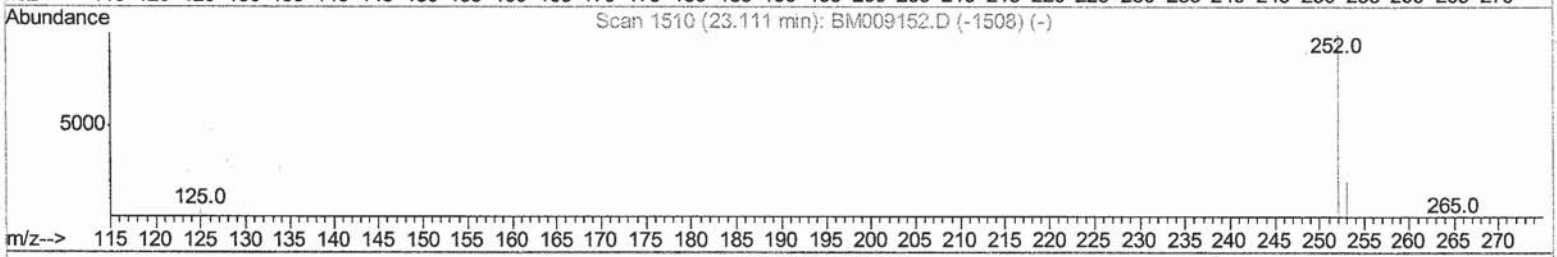
Quant Time: Mar 10 03:18:03 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 10 03:16:46 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AK7DL

Manual Integrations APPROVED
mohammad
3/10/2017 6:01:48 PM







TIC: BM009161.D

(22) Benzo(k)fluoranthene

23.066min (-0.045) 1.72ng/ul

response 6974

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	27.49
125.00	17.10	12.08#
0.00	0.00	0.00

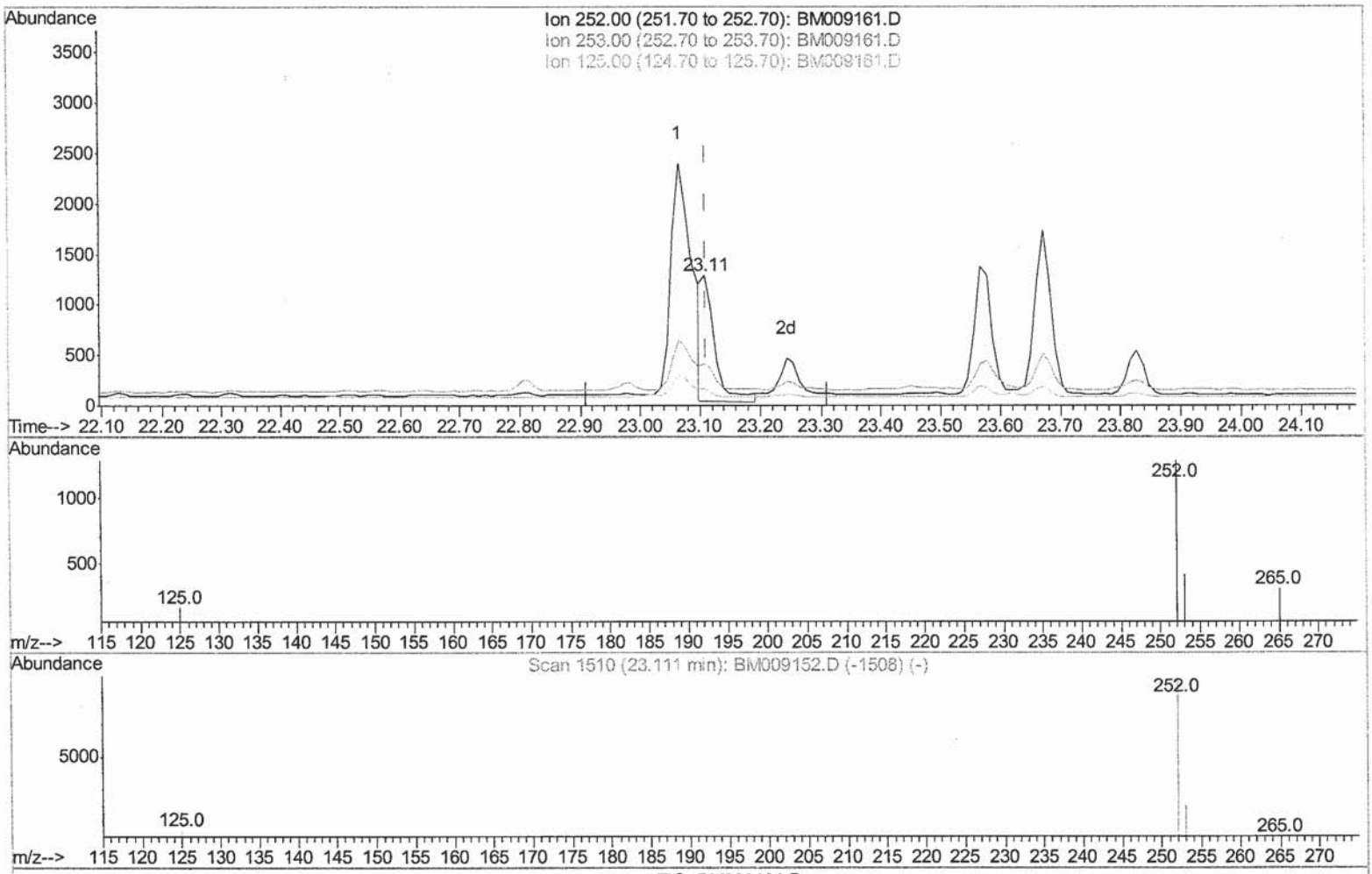
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
Data File : BM009161.D
Acq On : 10 Mar 2017 00:33
Operator : SJ/MA
Sample : I2062-21DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Mar 10 03:18:03 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 10 03:16:46 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AK7DL

Manual Integrations APPROVED
mohammad
3/10/2017 6:01:48 PM



TIC: BM009161.D

(22) Benzo(k)fluoranthene

23.107min (-0.003) 0.48ng/ul m SJ 3/13/17

response 1948

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	32.50
125.00	17.10	12.44#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
Data File : BM009161.D
Acq On : 10 Mar 2017 00:33
Operator : SJ/MA
Sample : I2062-21DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AK7DL

Manual Integrations APPROVED
mohammad
3/10/2017 6:01:48 PM

Quant Time: Mar 10 04:02:03 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 10 03:16:46 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	263	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	798	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	441	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	1021	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	1142	0.40	ng/ul	0.00
20) Perylene-d12	23.77	264	1170	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	75	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	199	0.06	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.73	128	385	0.17	ng/ul#	71
5) 2-Methylnaphthalene	12.34	142	282	0.17	ng/ul	95
7) Acenaphthylene	14.23	152	180	0.08	ng/ul#	34
12) Phenanthrene	17.30	178	1180	0.37	ng/ul#	90
13) Anthracene	17.40	178	385	0.12	ng/ul#	73
15) Fluoranthene	19.33	202	3315	0.79	ng/ul	94
17) Pyrene	19.69	202	3311	0.84	ng/ul	98
18) Benzo(a)anthracene	21.42	228	2739m	0.72	ng/ul	
19) Chrysene	21.47	228	3161m	0.88	ng/ul	
21) Benzo(b)fluoranthene	23.07	252	5673m	1.23	ng/ul	
22) Benzo(k)fluoranthene	23.11	252	1948m	0.48	ng/ul	
23) Benzo(a)pyrene	23.67	252	3089	0.75	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	26.15	276	2194	0.42	ng/ul#	88
25) Dibenzo(a,h)anthracene	26.16	278	584	0.13	ng/ul#	63
26) Benzo(g,h,i)perylene	26.89	276	1902	0.42	ng/ul#	92

SJ 3/13/17

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