

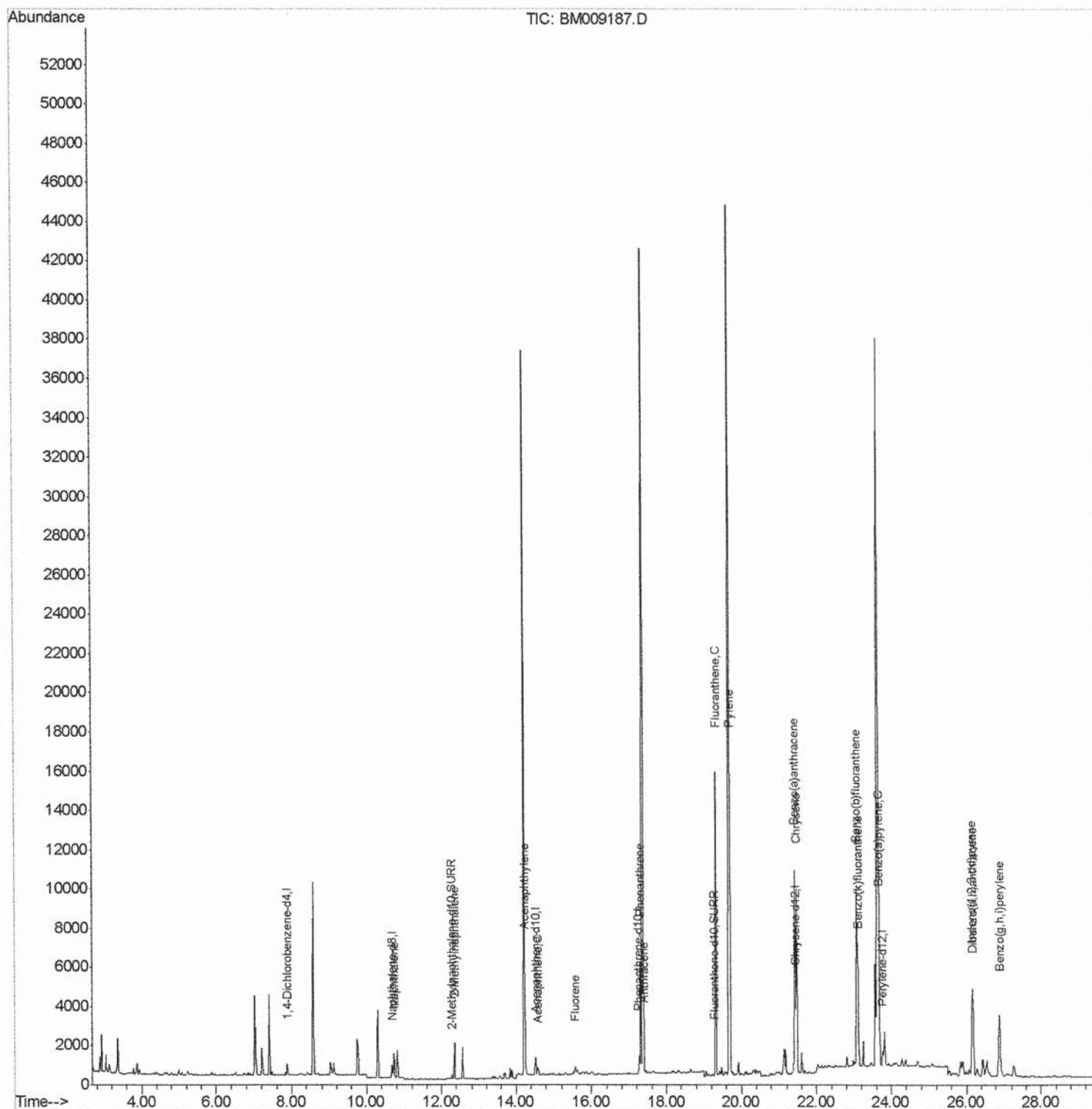
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\
Data File : BM009187.D
Acq On : 10 Mar 2017 22:21
Operator : SJ/MA
Sample : I2107-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AK1

Manual Integrations
APPROVED

mohammad
3/13/2017 2:14:19 PM

Quant Time: Mar 11 01:36:15 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 11 00:54:34 2017
Response via : Initial Calibration



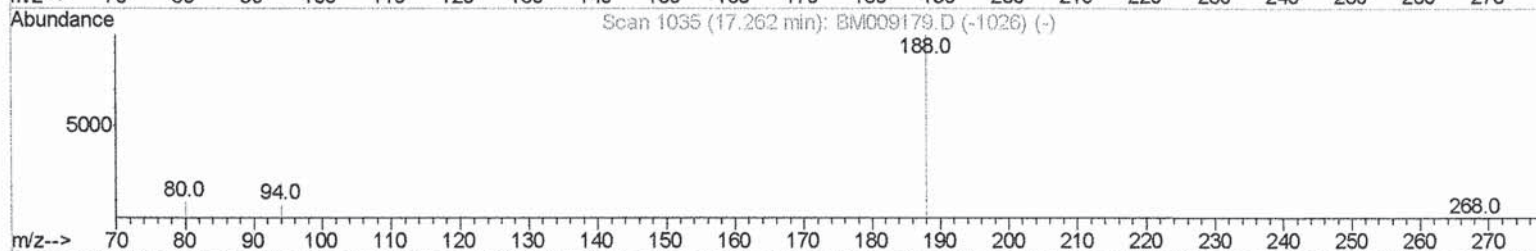
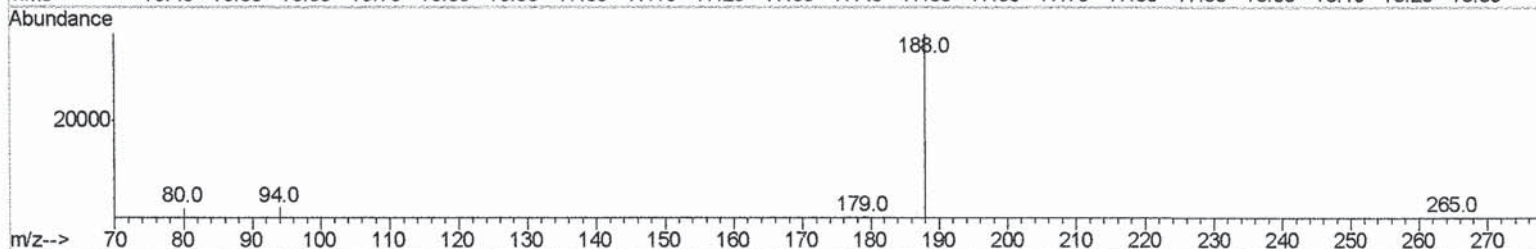
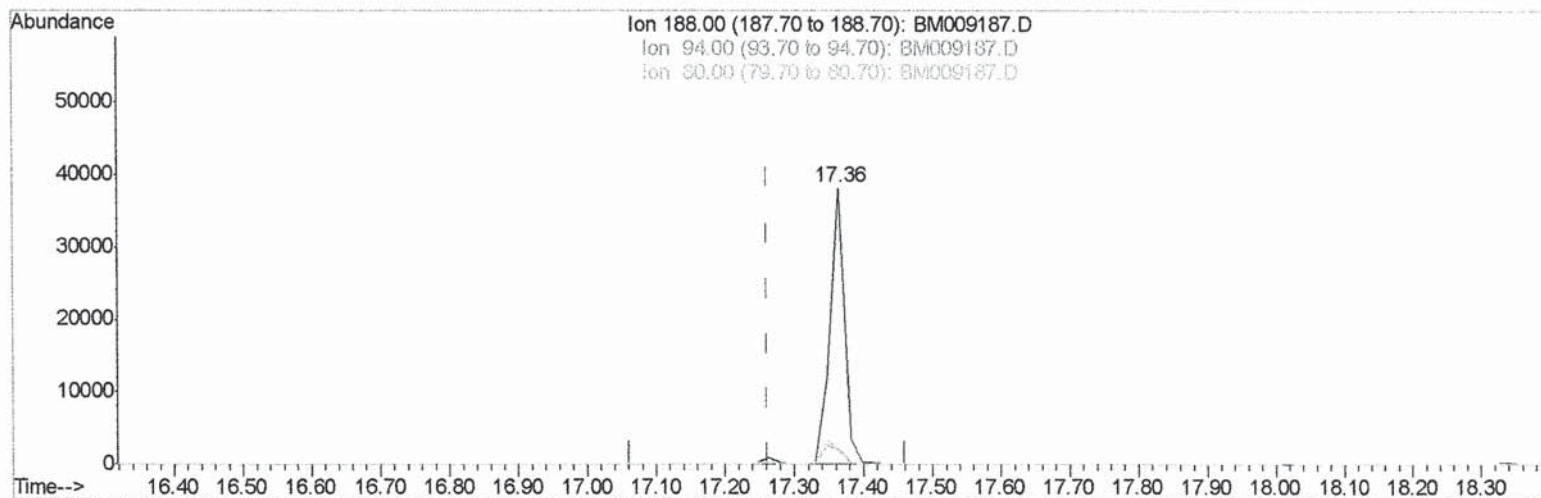
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\
Data File : BM009187.D
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Manual Integrations
APPROVED

mohammad
3/13/2017 2:14:19 PM

Quant Time: Mar 11 00:55:32 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 11 00:54:34 2017
Response via : Initial Calibration



TIC: BM009187.D

(10) Phenanthrene-d10 (I)

17.365min (+0.103) 0.40ng/ul

response 55577

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	5.44#
80.00	11.80	5.01#
0.00	0.00	0.00

Quantitation Report (Qedit)

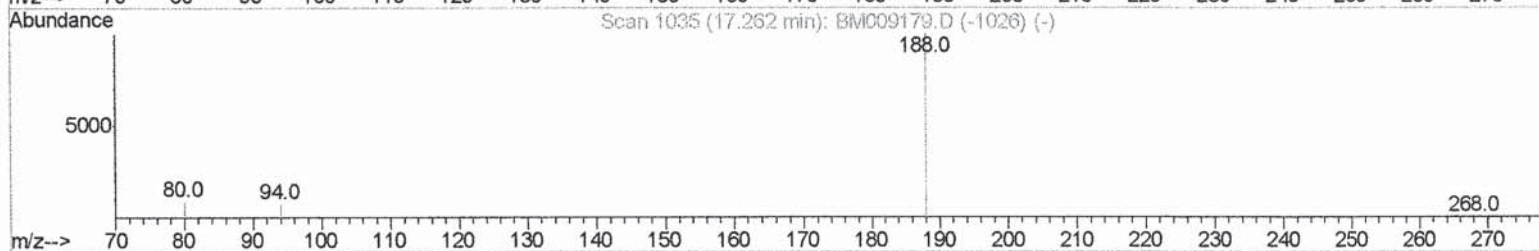
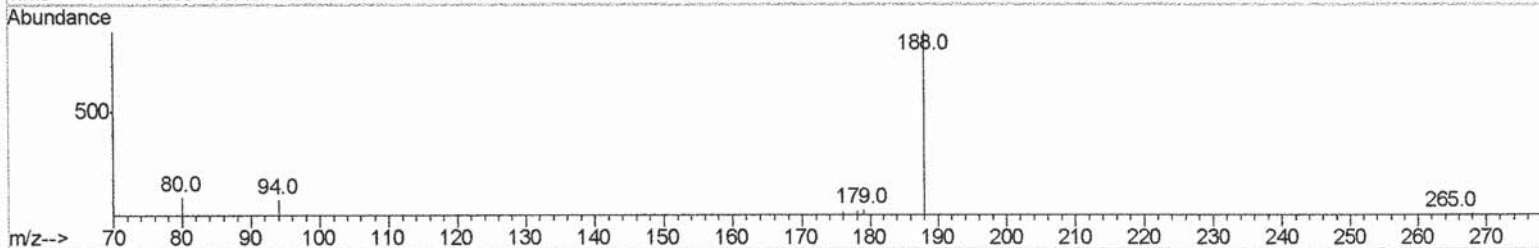
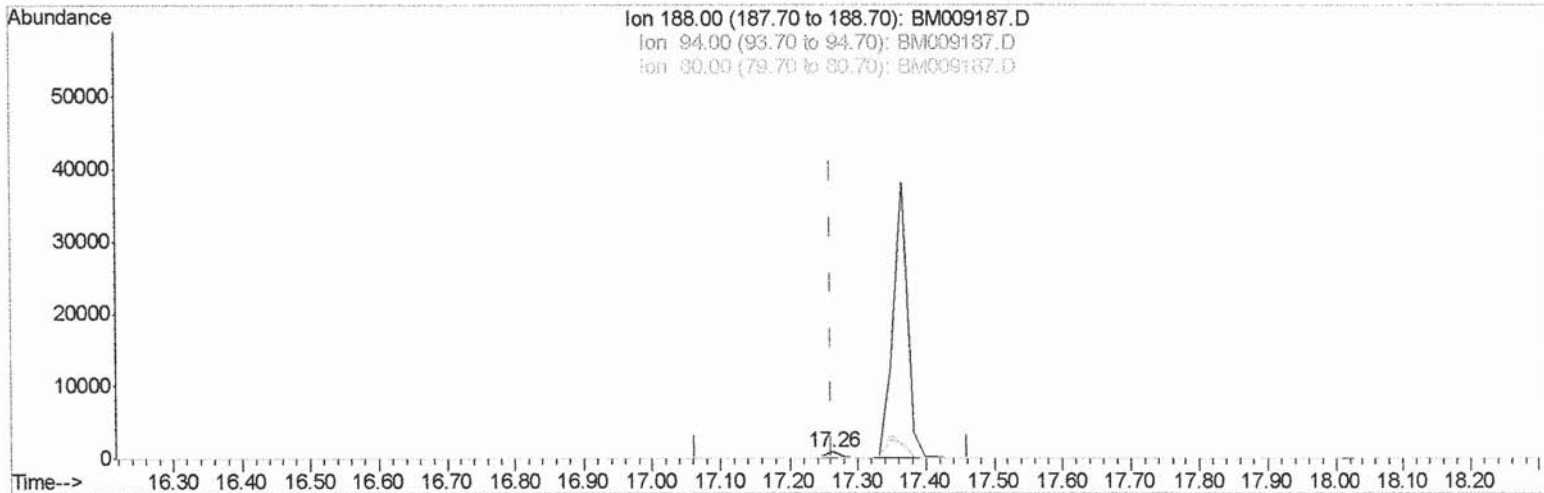
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\
 Data File : BM009187.D
 Acq On : 10 Mar 2017 22:21
 Operator : SJ/MA
 Sample : I2107-12
 Misc :
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Instrument :
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Manual Integrations
 APPROVED

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Quant Time: Mar 11 00:55:32 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
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 Response via : Initial Calibration



TIC: BM009187.D

(10) Phenanthrene-d10 (I)

17.262min (+0.000) 0.40ng/ul m

response 1182

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	13.60#
80.00	11.80	14.65#
0.00	0.00	0.00

SJ

03/13/17

Quantitation Report (Qedit)

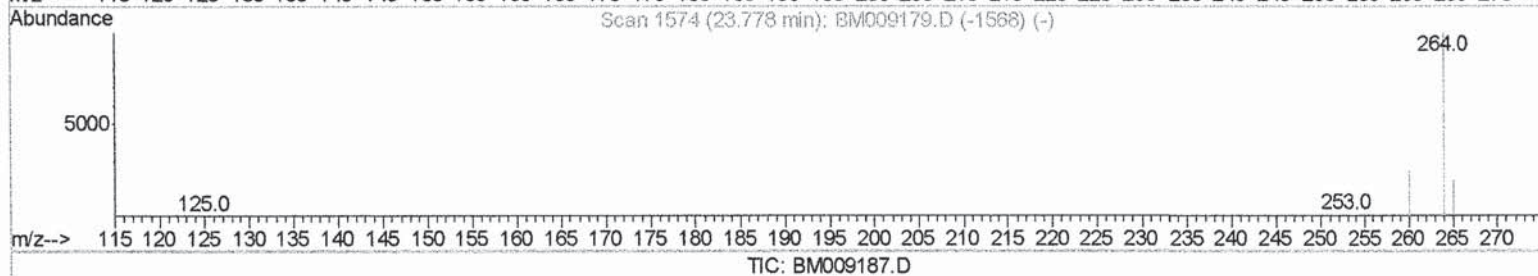
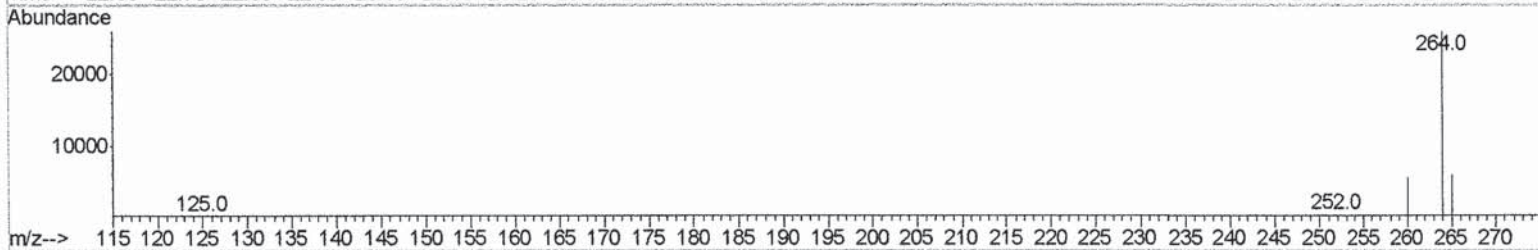
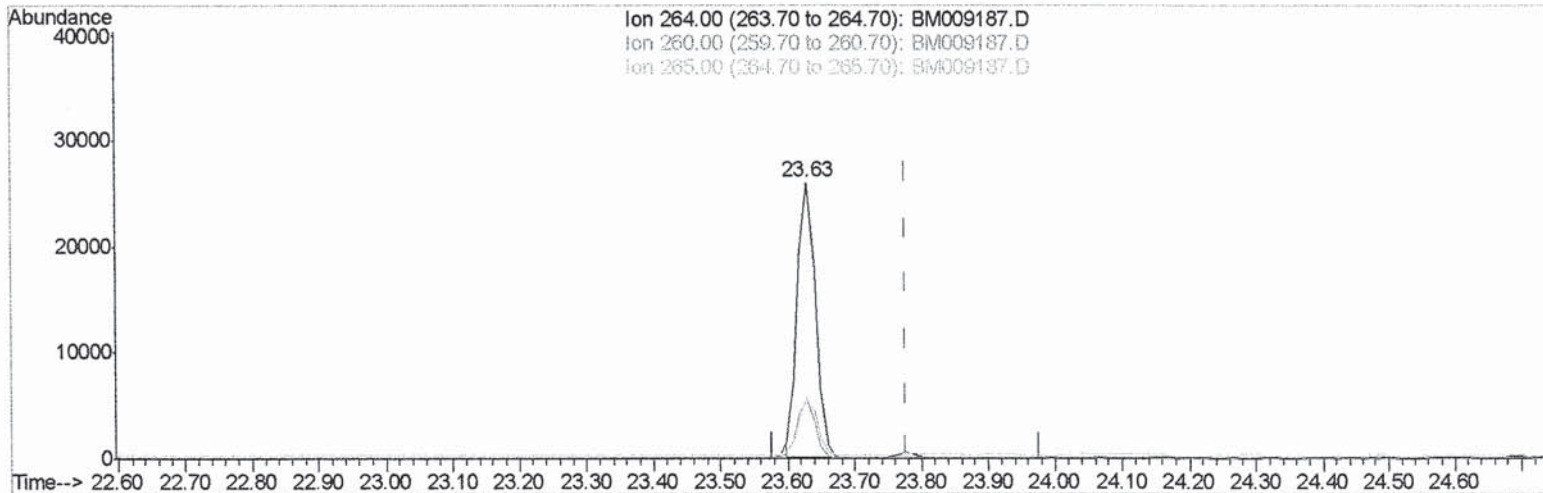
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\
 Data File : BM009187.D
 Acq On : 10 Mar 2017 22:21
 Operator : SJ/MA
 Sample : I2107-12
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK1

Manual Integrations
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mohammad
 3/13/2017 2:14:19 PM

Quant Time: Mar 11 00:55:32 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BM009187.D

(20) Perylene-d12 (I)
 23.629min (-0.149) 0.40ng/ui
 response 49003

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.25#
265.00	103.50	22.28#
0.00	0.00	0.00

Quantitation Report (Qedit)

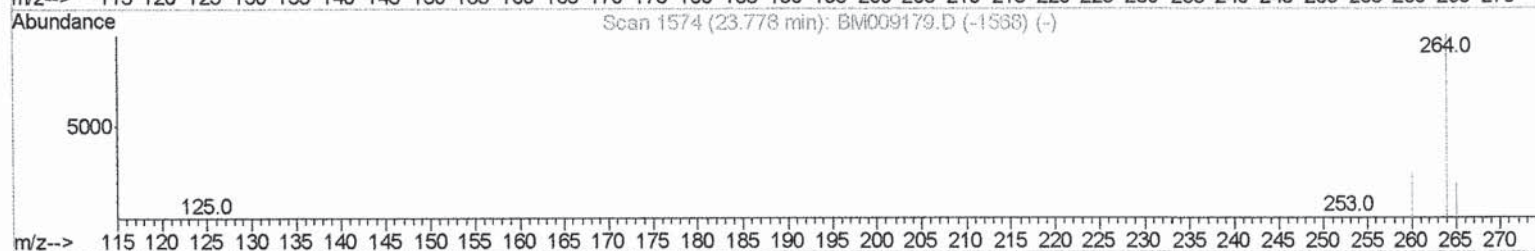
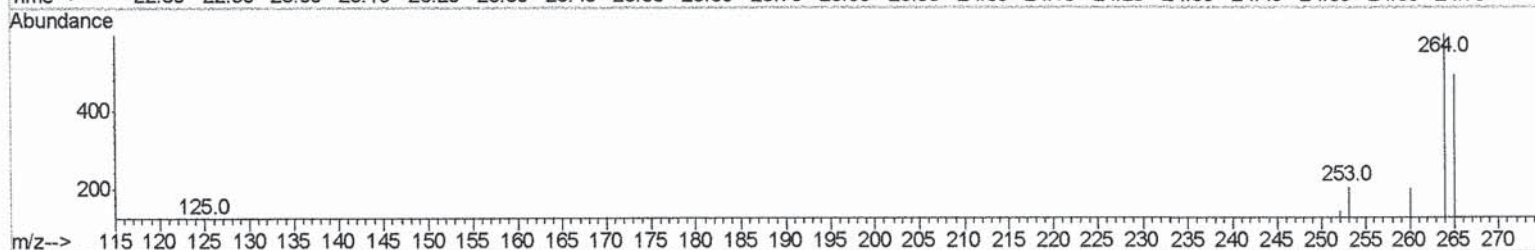
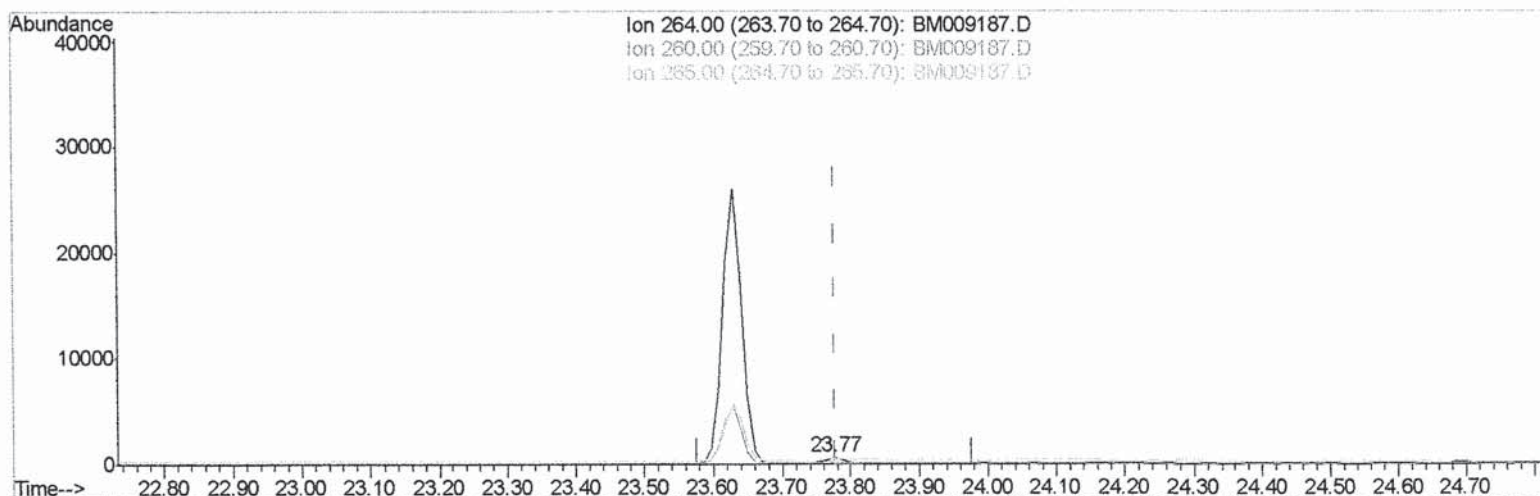
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\
 Data File : BM009187.D
 Acq On : 10 Mar 2017 22:21
 Operator : SJ/MA
 Sample : I2107-12
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual Integrations
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Quant Time: Mar 11 00:55:32 2017
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 Response via : Initial Calibration



TIC: BM009187.D

(20) Perylene-d12 (I)

23.775min (-0.003) 0.40ng/ul m

response 1132

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	33.84
265.00	103.50	82.15#
0.00	0.00	0.00

> SJ
 03/13/17

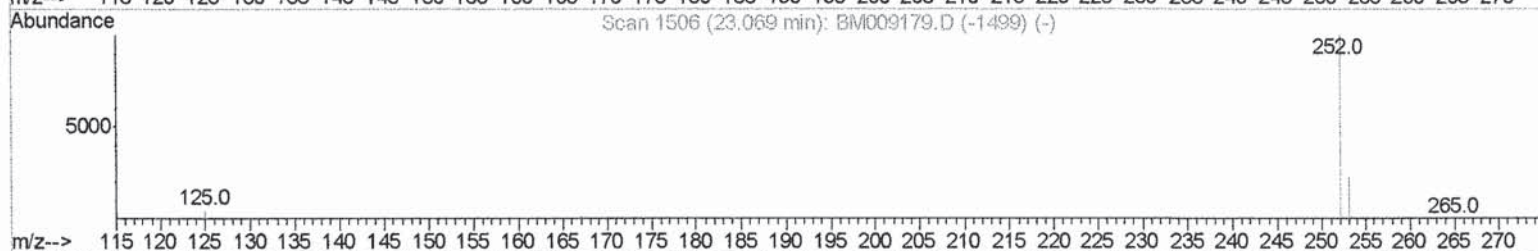
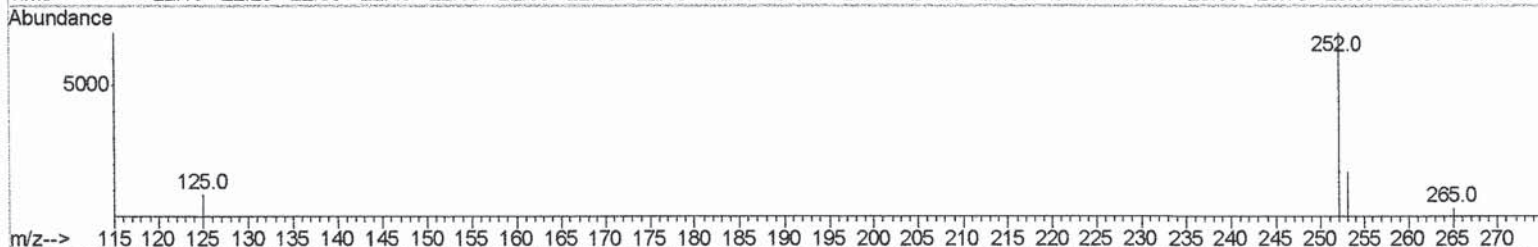
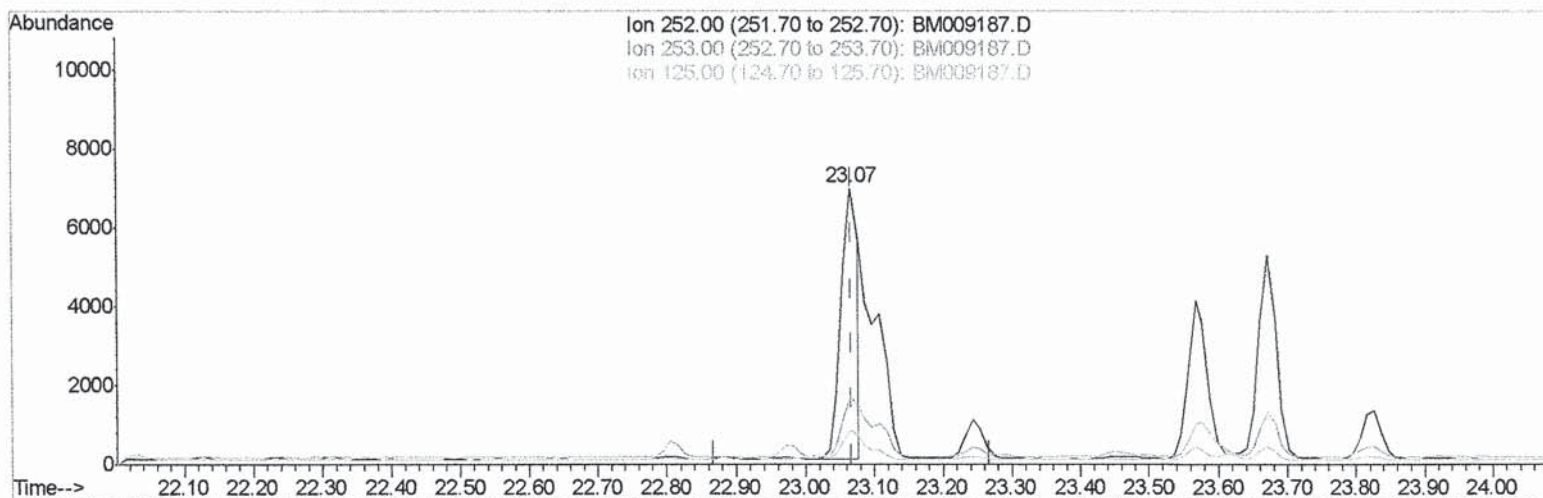
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\
Data File : BM009187.D
Acq On : 10 Mar 2017 22:21
Operator : SJ/MA
Sample : I2107-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AK1

Manual Integrations
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Quant Time: Mar 11 01:34:34 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



TIC: BM009187.D

(21) Benzo(b)fluoranthene
23.066min (-0.003) 2.69ng/ul
response 11976

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	24.56
125.00	17.50	12.59
0.00	0.00	0.00

Quantitation Report (Qedit)

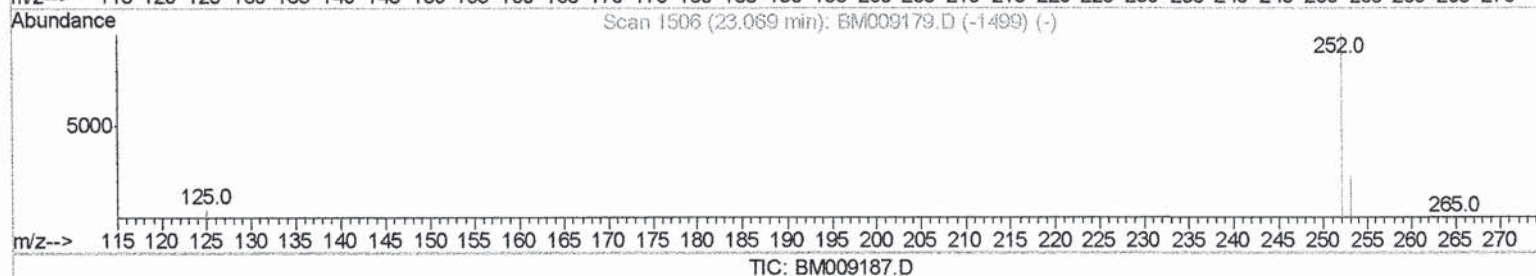
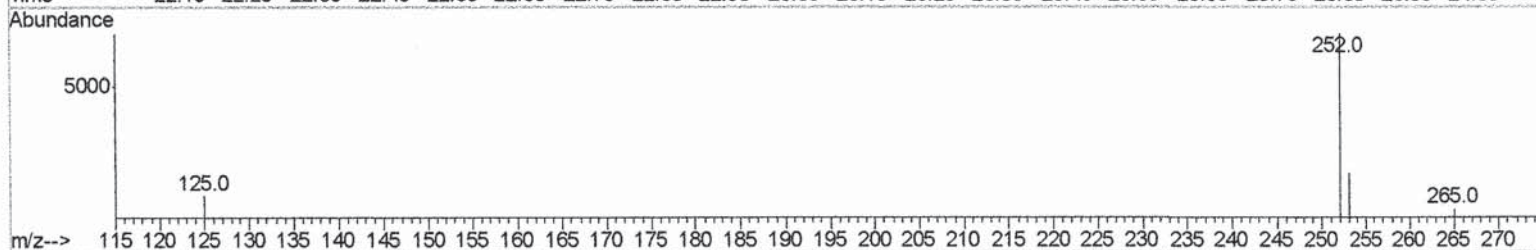
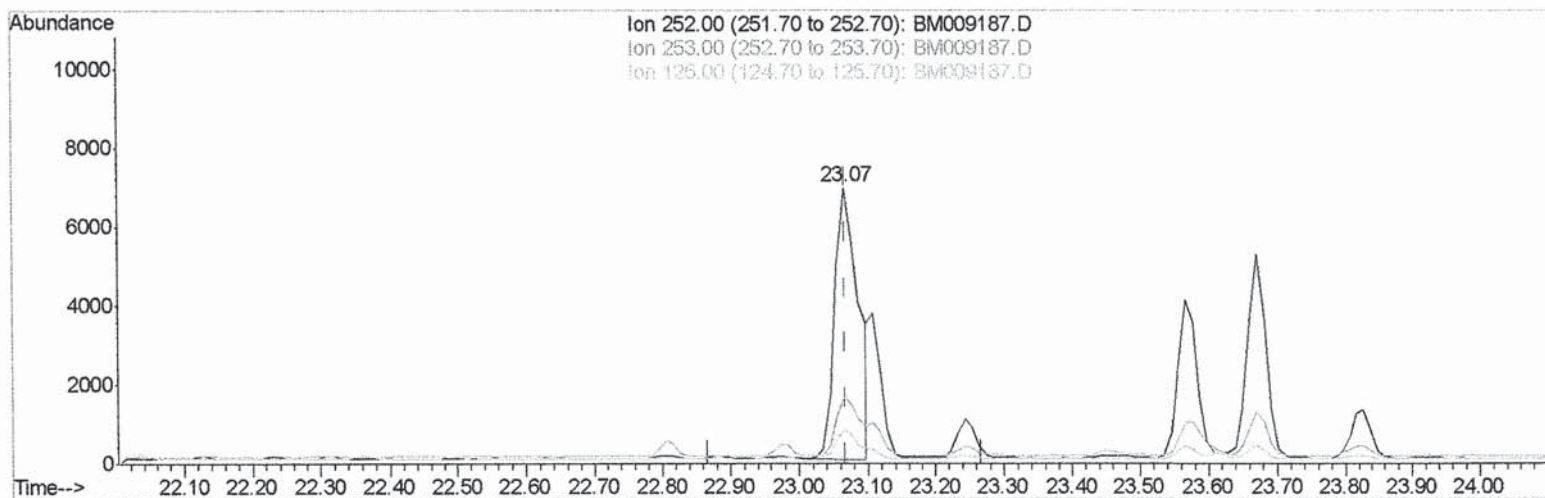
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\
 Data File : BM009187.D
 Acq On : 10 Mar 2017 22:21
 Operator : SJ/MA
 Sample : I2107-12
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK1

Manual Integrations
 APPROVED

mohammad
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Quant Time: Mar 11 01:34:34 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

23.066min (-0.003) 3.75ng/ul m

response 16695

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	24.56
125.00	17.50	12.59
0.00	0.00	0.00

JJ
03/13/17

Quantitation Report (Qedit)

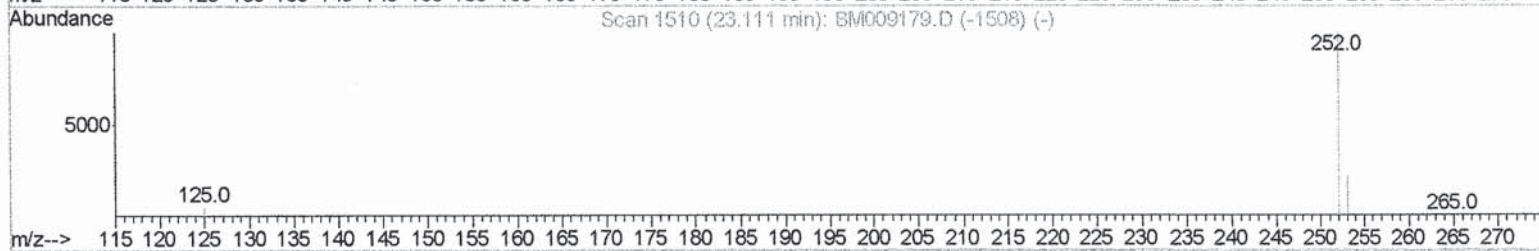
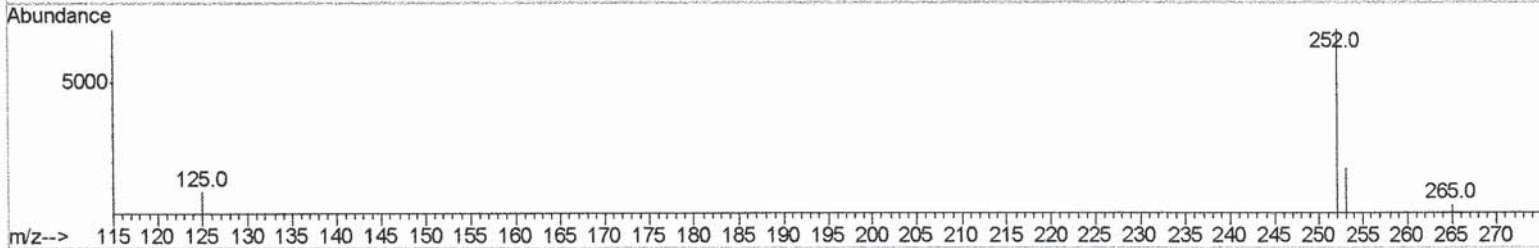
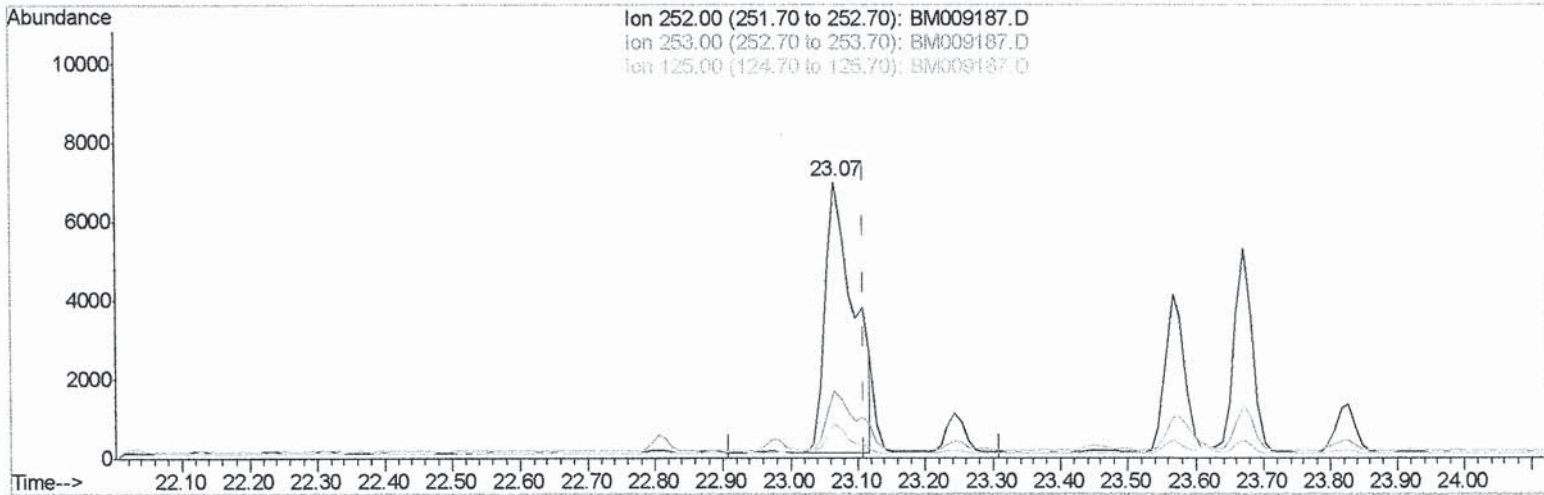
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\
 Data File : BM009187.D
 Acq On : 10 Mar 2017 22:21
 Operator : SJ/MA
 Sample : I2107-12
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK1

Manual Integrations
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mohammad
 3/13/2017 2:14:19 PM

Quant Time: Mar 11 01:34:34 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 11 00:54:34 2017
 Response via : Initial Calibration



TIC: BM009187.D

(22) Benzo(k)fluoranthene
 23.066min (-0.045) 5.19ng/ul
 response 20427

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	24.56
125.00	17.10	12.59#
0.00	0.00	0.00

Quantitation Report (Qedit)

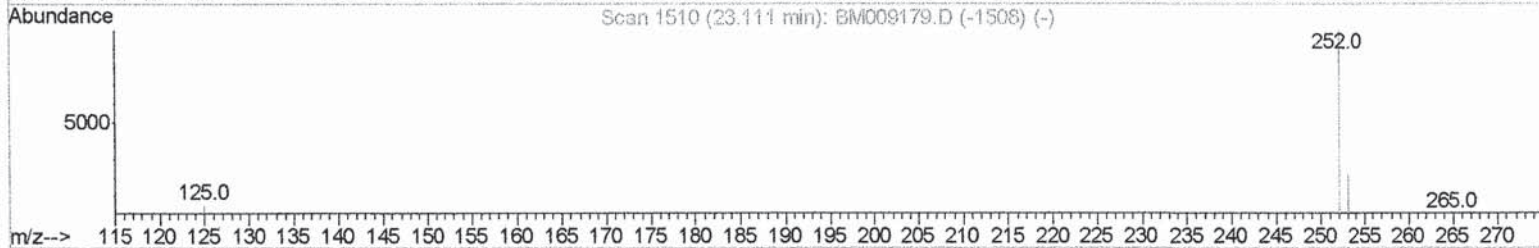
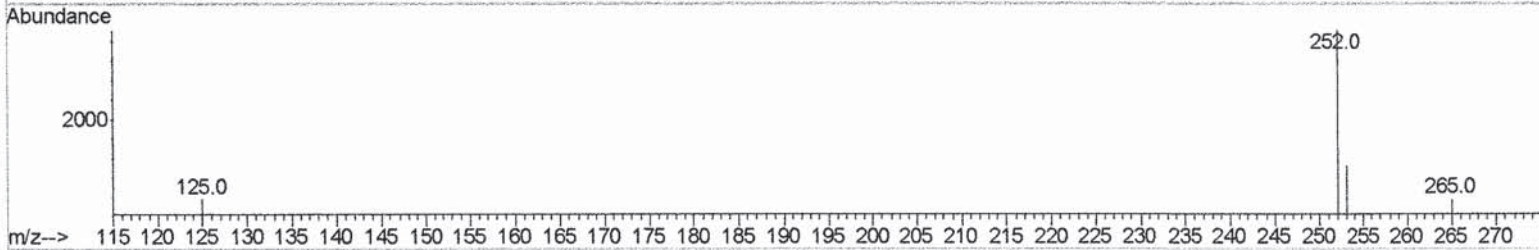
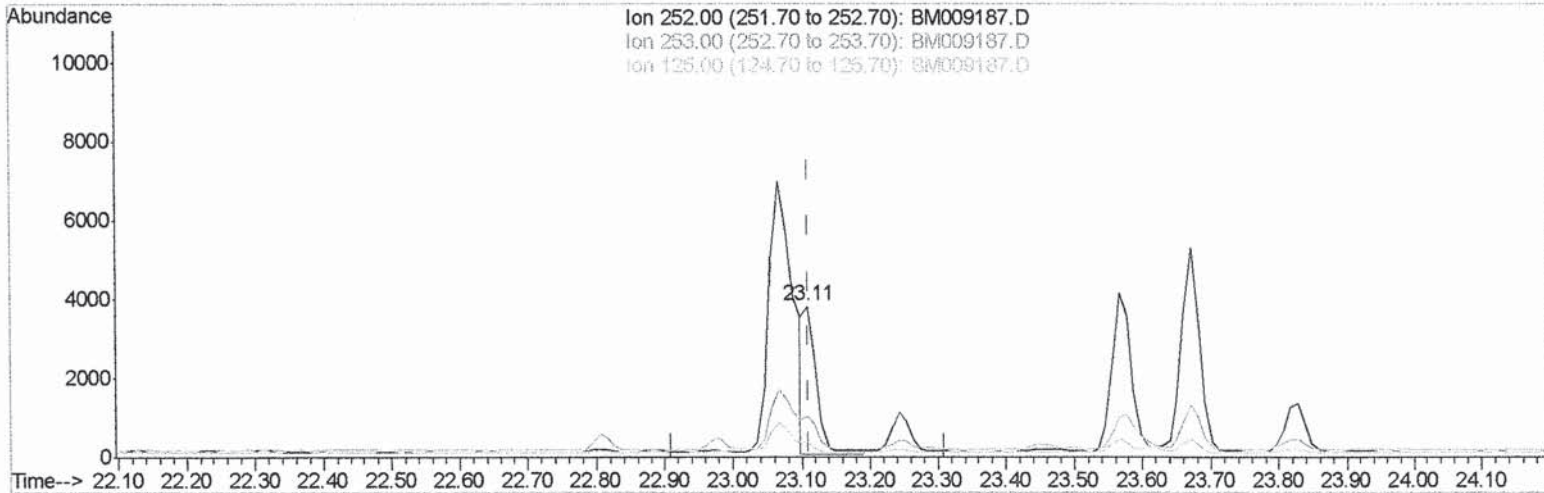
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\
 Data File : BM009187.D
 Acq On : 10 Mar 2017 22:21
 Operator : SJ/MA
 Sample : I2107-12
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK1

Manual Integrations
 APPROVED

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 3/13/2017 2:14:19 PM

Quant Time: Mar 11 01:34:34 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 11 00:54:34 2017
 Response via : Initial Calibration



TIC: BM009187.D

(22) Benzo(k)fluoranthene

23.107min (-0.003) 1.22ng/ul m

response 4810

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	27.21
125.00	17.10	9.64#
0.00	0.00	0.00

Quantitation Report (Qedit)

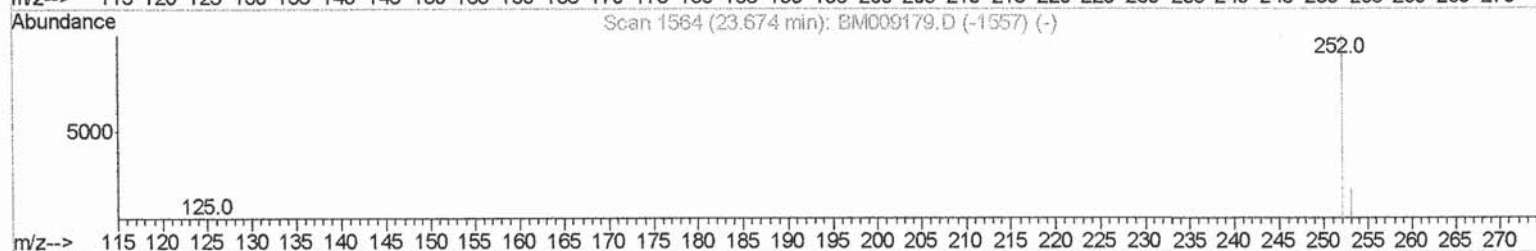
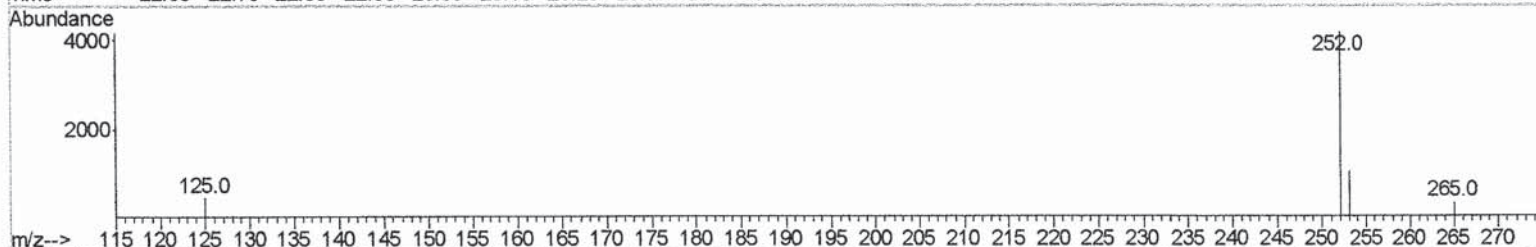
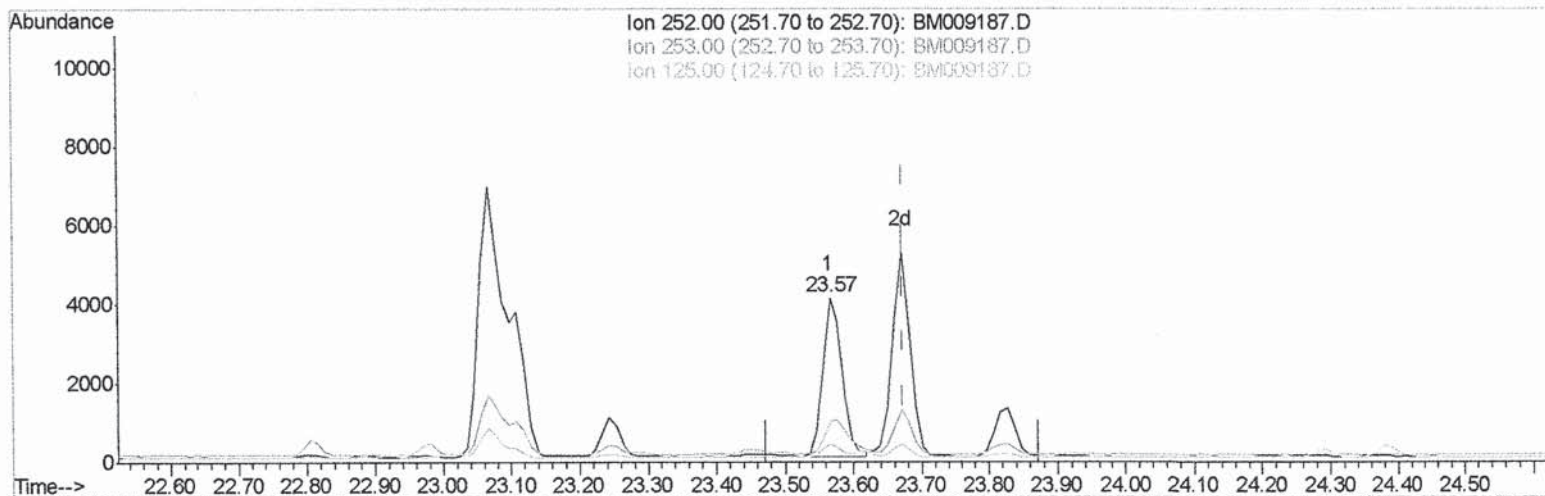
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\
 Data File : BM009187.D
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 Operator : SJ/MA
 Sample : I2107-12
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK1

Manual Integrations
 APPROVED

mohammad
 3/13/2017 2:14:19 PM

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TIC: BM009187.D

(23) Benzo(a)pyrene (C)
 23.566min (-0.108) 1.97ng/ul
 response 7900

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	25.29#
125.00	22.60	11.61#
0.00	0.00	0.00

Quantitation Report (Qedit)

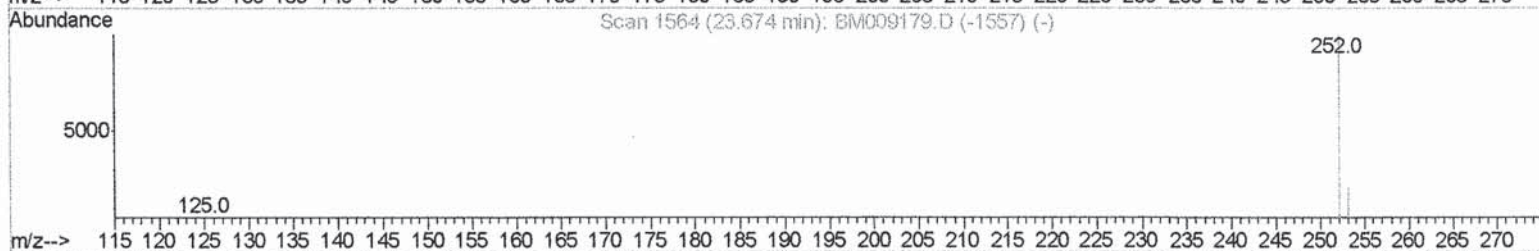
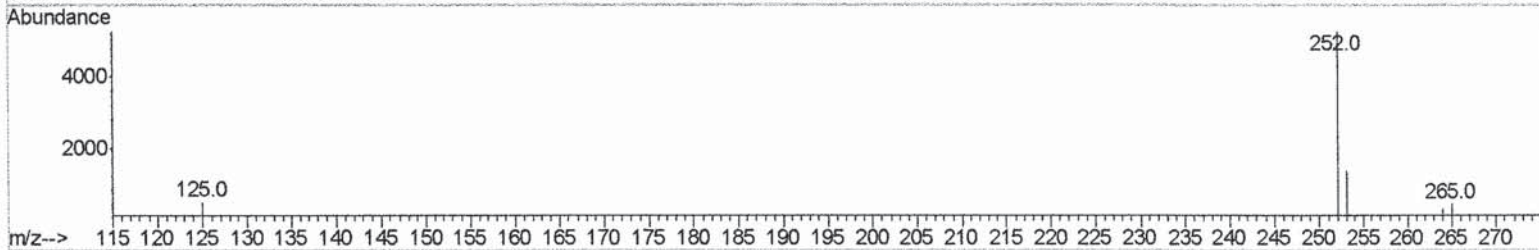
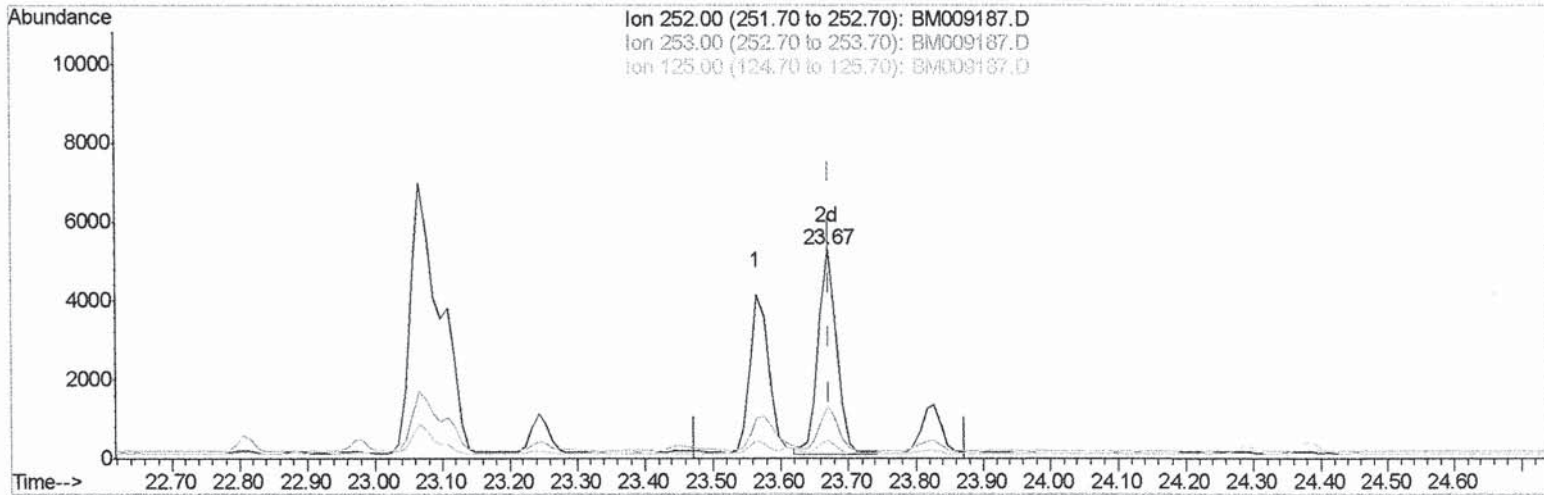
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\
 Data File : BM009187.D
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 Operator : SJ/MA
 Sample : I2107-12
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

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TIC: BM009187.D

(23) Benzo(a)pyrene (C)

23.670min (-0.003) 2.48ng/ul m

response 9926

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	25.35#
125.00	22.60	8.74#
0.00	0.00	0.00

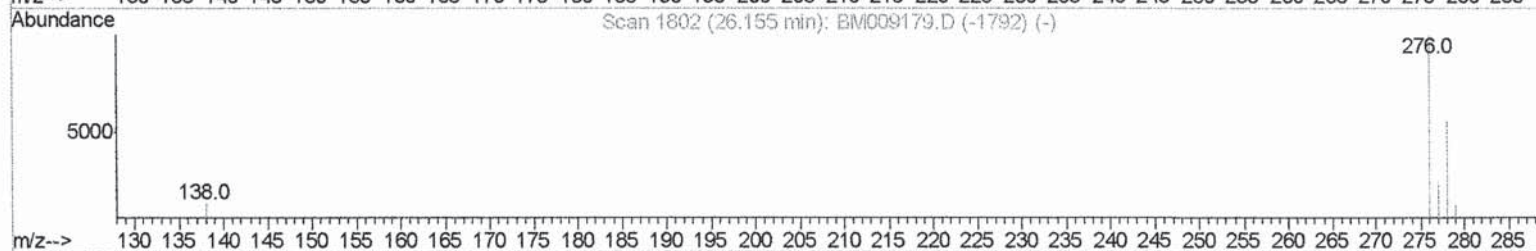
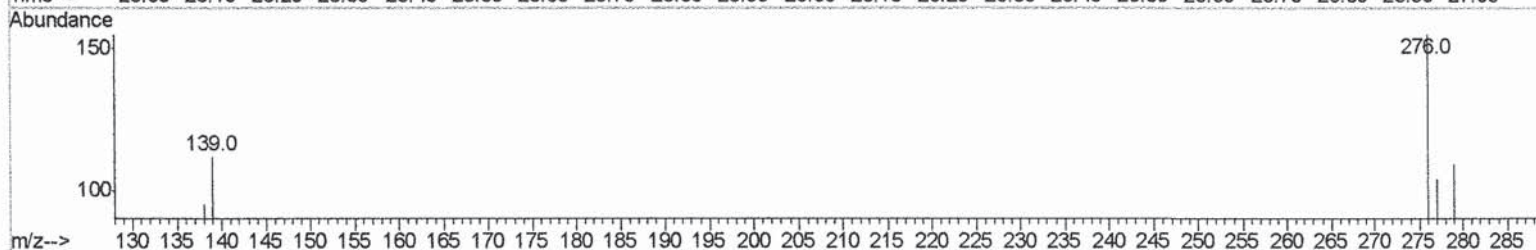
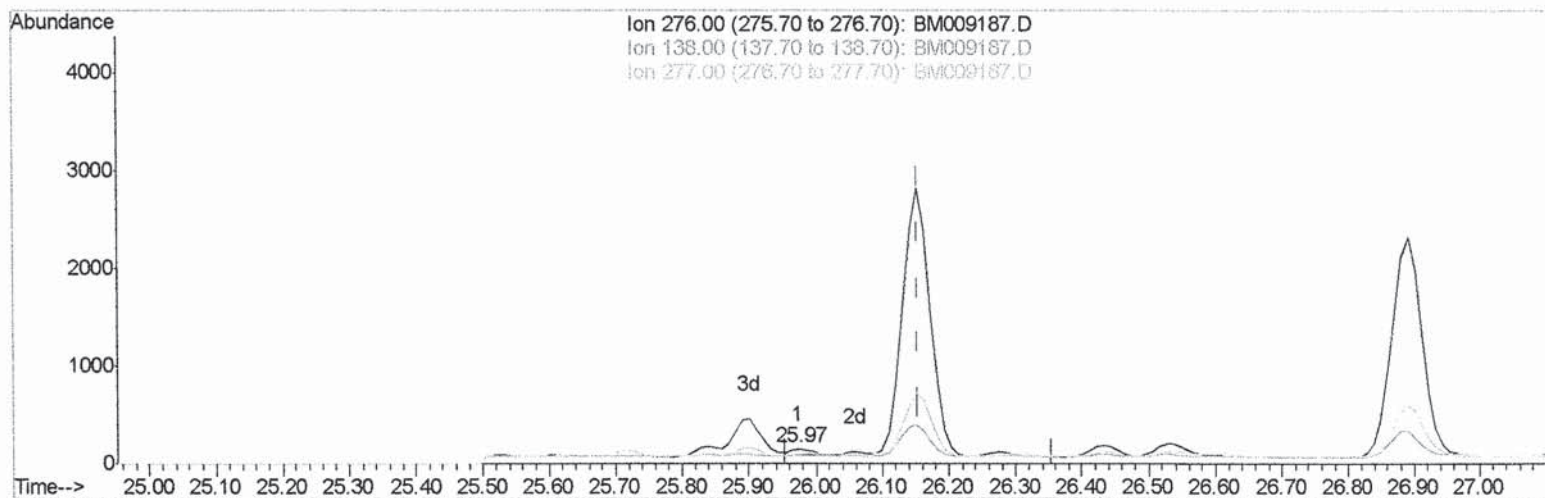
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\
Data File : BM009187.D
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Sample : I2107-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

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TIC: BM009187.D

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

25.974min (-0.181) 0.03ng/ul

response 150

Ion	Exp%	Act%
276.00	100	100
138.00	23.90	45.33#
277.00	24.50	52.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

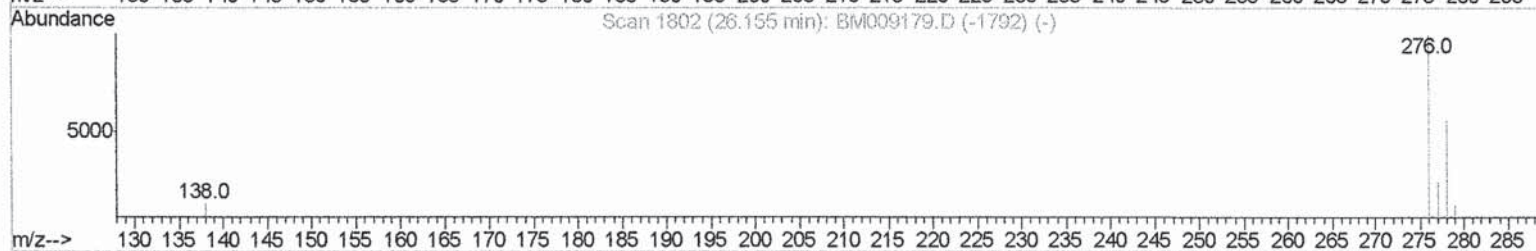
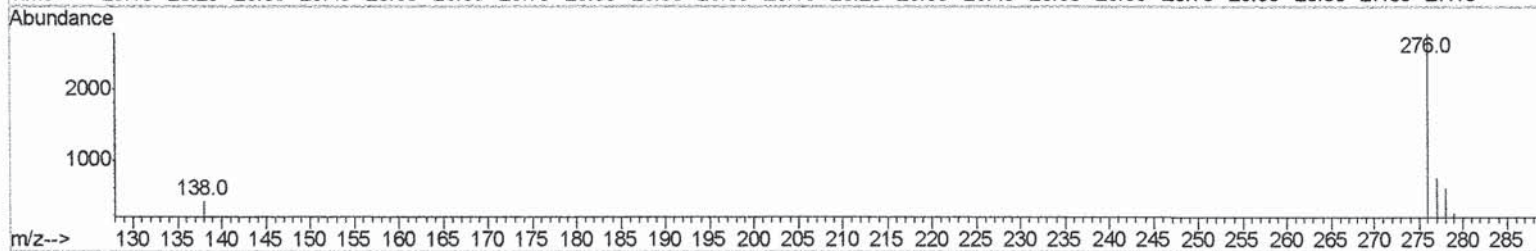
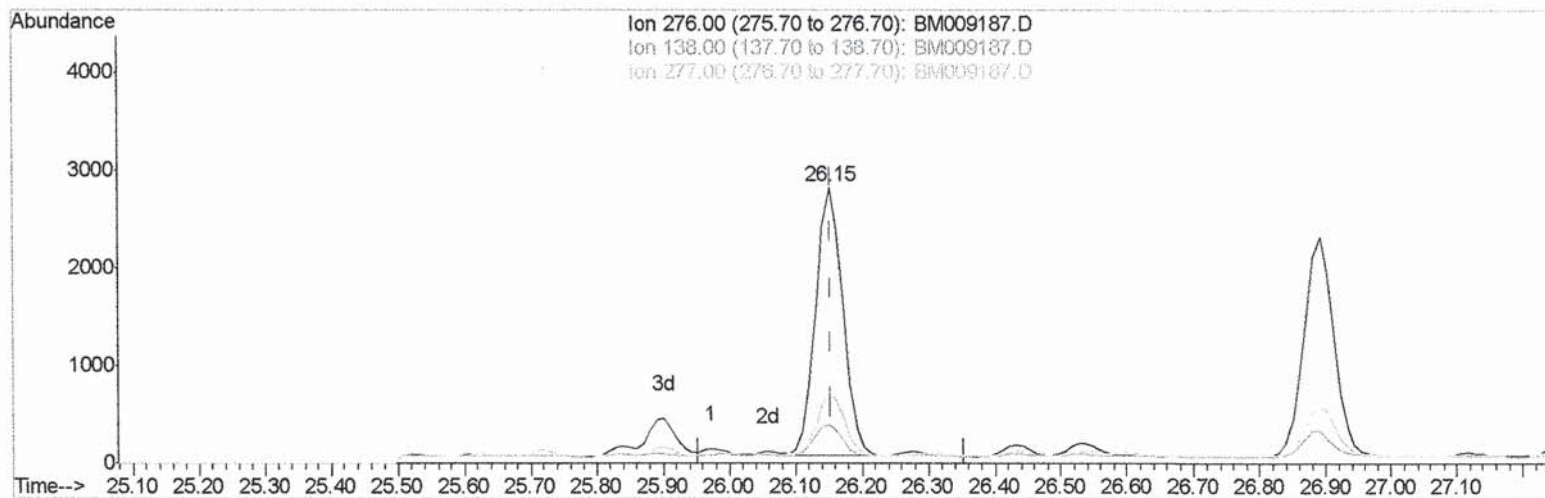
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\
 Data File : BM009187.D
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Instrument :
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Manual Integrations
 APPROVED

mohammad
 3/13/2017 2:14:19 PM

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TIC: BM009187.D

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

26.151min (-0.003) 1.56ng/ul m

response 7925

Ion Exp% Act%

276.00 100 100

138.00 23.90 0.86#

277.00 24.50 0.98#

0.00 0.00 0.00

SJ
 03/13/17

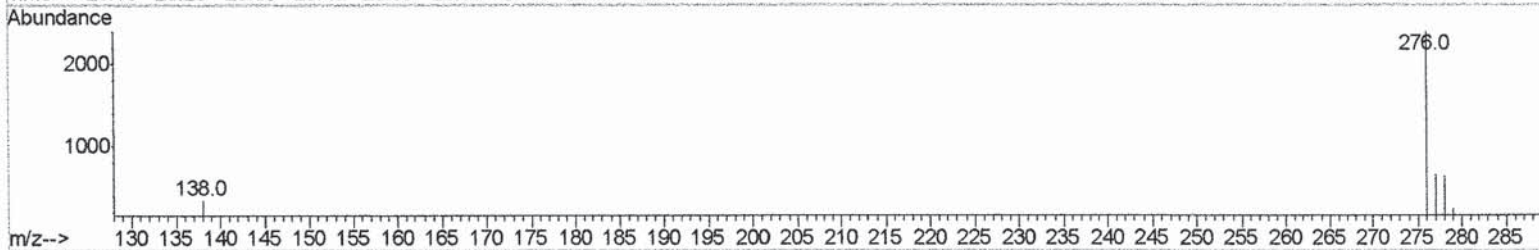
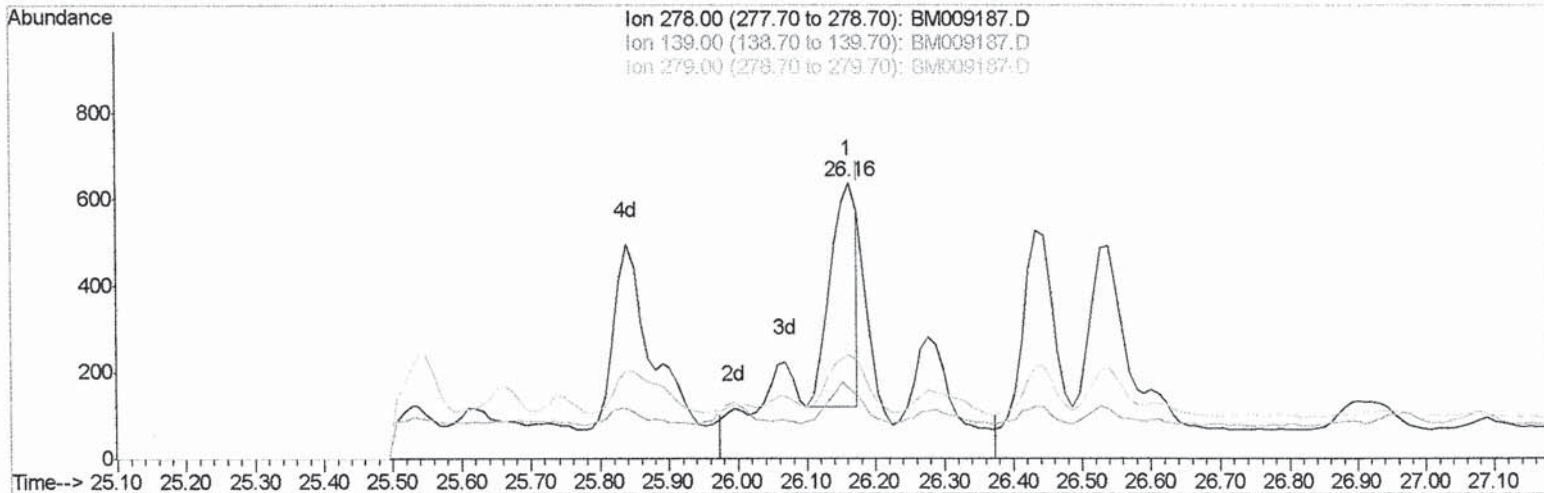
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\
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Operator : SJ/MA
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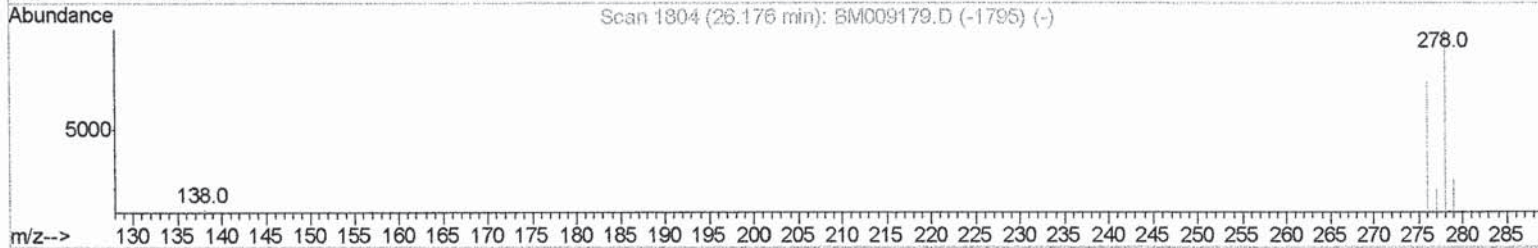
Manual Integrations
APPROVED

mohammad
3/13/2017 2:14:19 PM

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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
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Scan 1804 (26.176 min): BM009187.D (-1795) (-)



TIC: BM009187.D

(25) Dibenzo(a,h)anthracene

26.162min (-0.014) 0.33ng/ul

response 1409

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	25.35
279.00	32.40	37.87
0.00	0.00	0.00

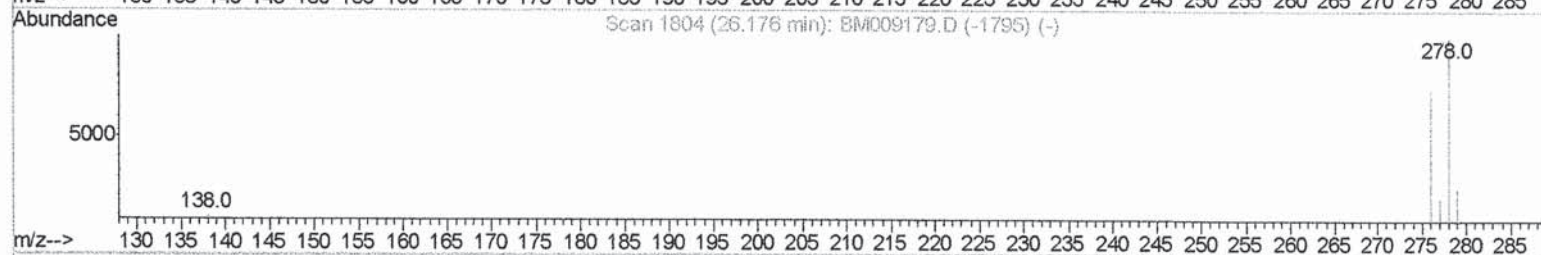
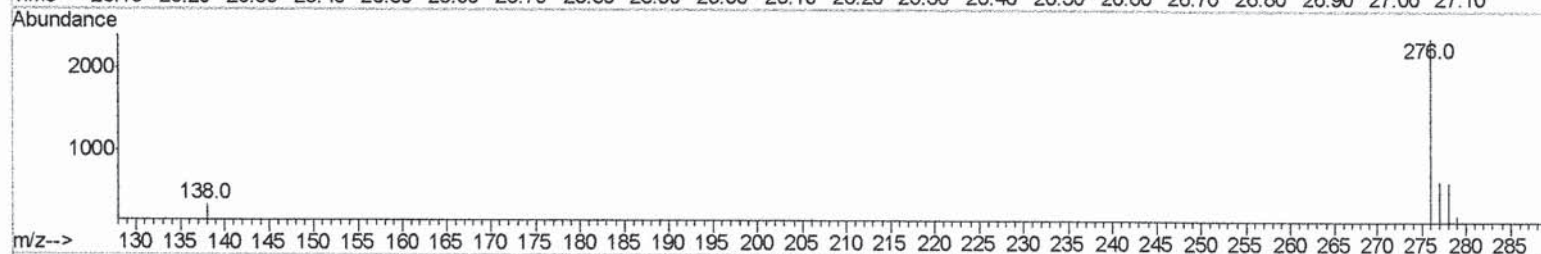
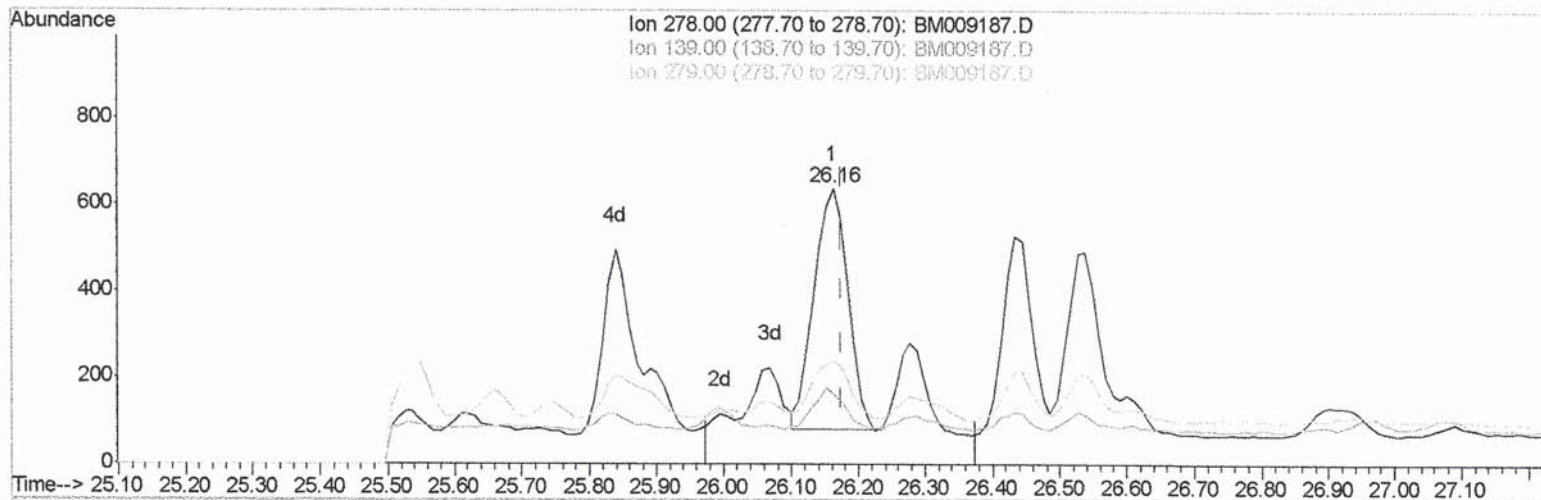
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\
 Data File : BM009187.D
 Acq On : 10 Mar 2017 22:21
 Operator : SJ/MA
 Sample : I2107-12
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK1

Manual Integrations
 APPROVED

mohammad
 3/13/2017 2:14:19 PM

Quant Time: Mar 11 01:34:34 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 11 00:54:34 2017
 Response via : Initial Calibration



TIC: BM009187.D

(25) Dibenzo(a,h)anthracene

26.162min (-0.014) 0.46ng/ul m

response 1981

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	25.35
279.00	32.40	37.87
0.00	0.00	0.00

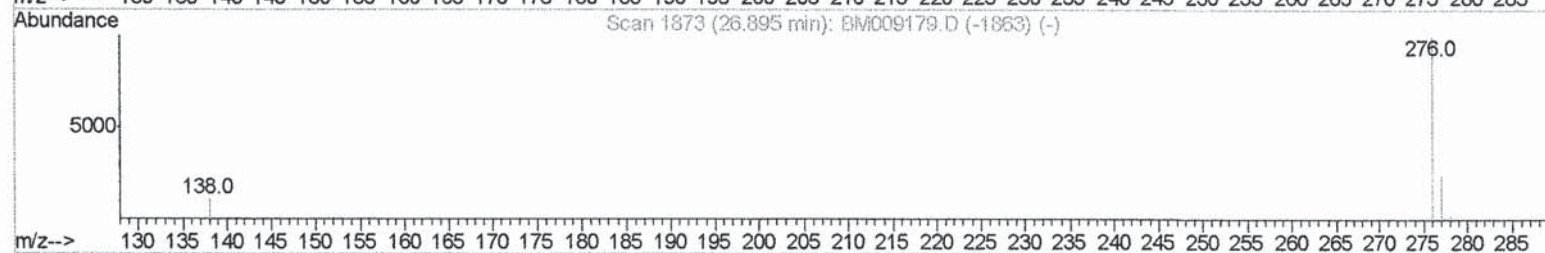
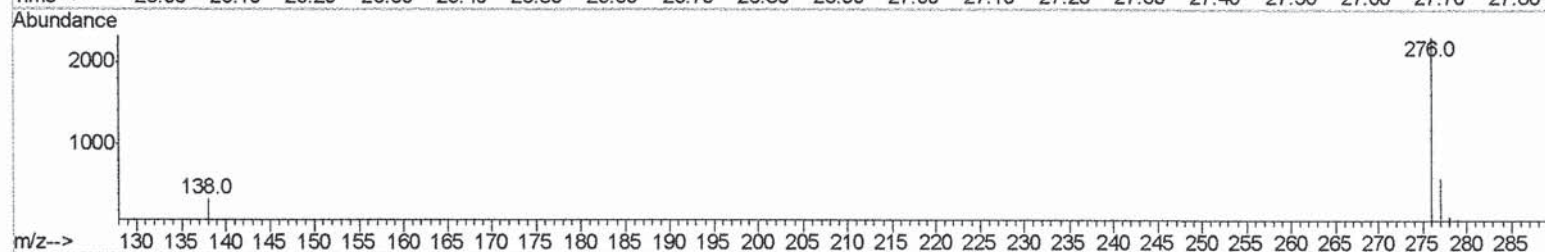
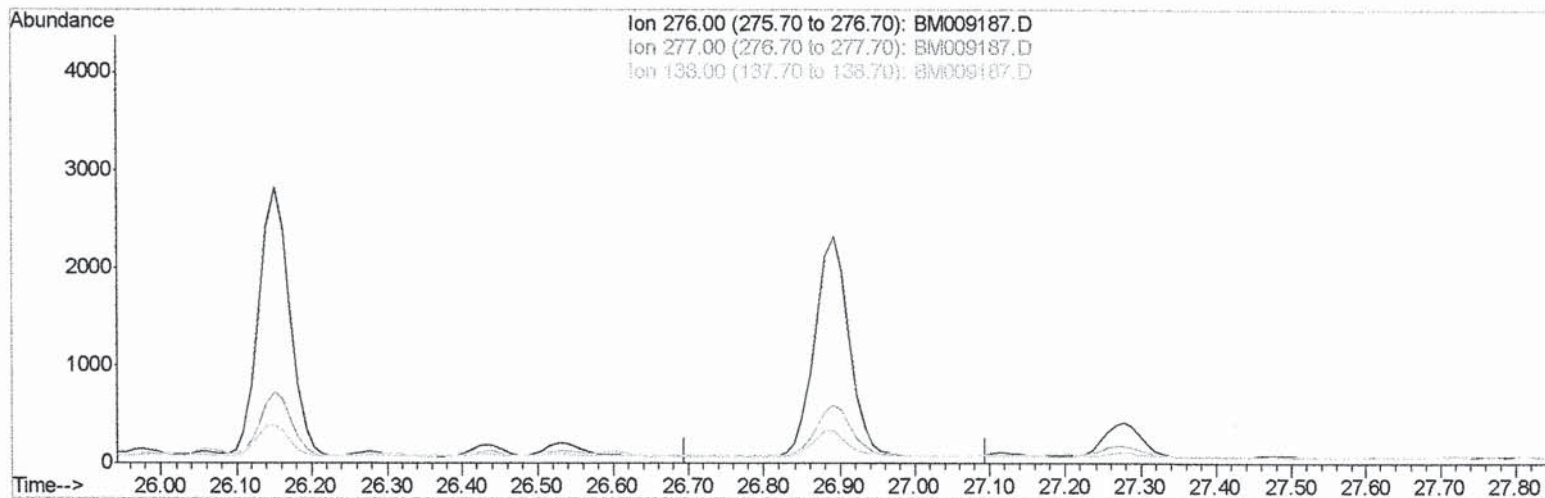
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\
Data File : BM009187.D
Acq On : 10 Mar 2017 22:21
Operator : SJ/MA
Sample : I2107-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AK1

Manual Integrations
APPROVED

mohammad
3/13/2017 2:14:19 PM

Quant Time: Mar 11 01:34:34 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 11 00:54:34 2017
Response via : Initial Calibration



TIC: BM009187.D

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

26.895min (-26.895) 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)

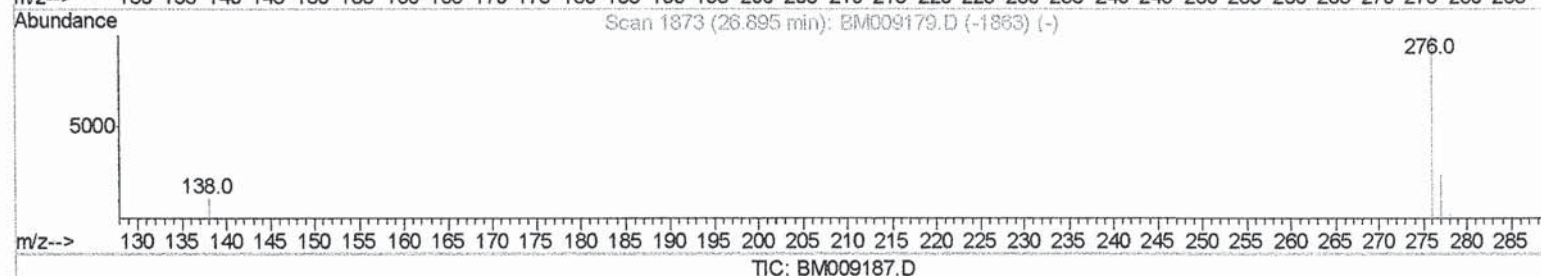
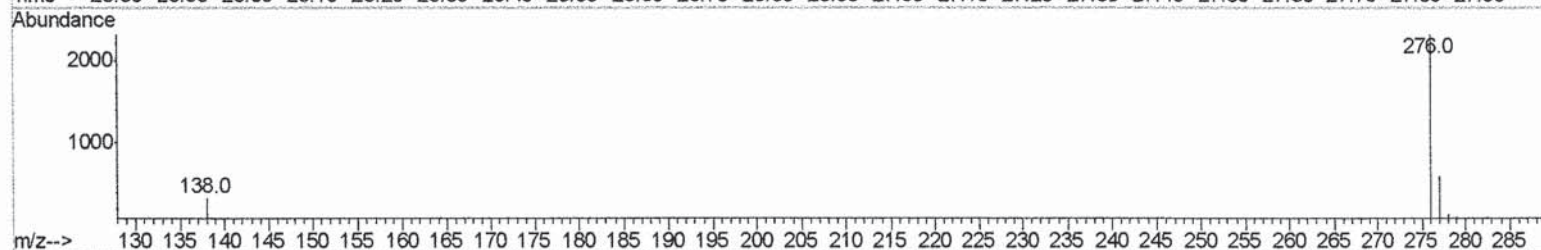
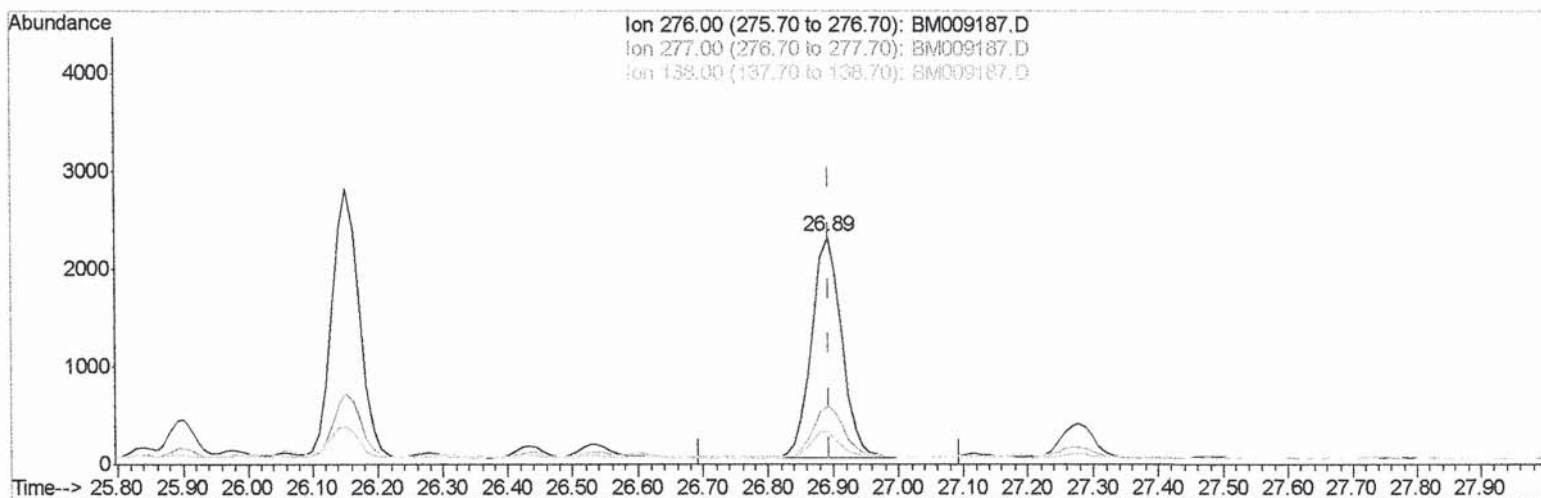
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\
 Data File : BM009187.D
 Acq On : 10 Mar 2017 22:21
 Operator : SJ/MA
 Sample : I2107-12
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK1

Manual Integrations
 APPROVED

mohammad
 3/13/2017 2:14:19 PM

Quant Time: Mar 11 01:34:34 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 11 00:54:34 2017
 Response via : Initial Calibration



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

26.891min (-0.003) 1.67ng/ul m

response 7261

Ion	Exp%	Act%
276.00	100	100
277.00	27.30	25.82
138.00	25.60	14.14#
0.00	0.00	0.00

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 03/13/17

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\
Data File : BM009187.D
Acq On : 10 Mar 2017 22:21
Operator : SJ/MA
Sample : I2107-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AK1

Manual Integrations
APPROVED

mohammad
3/13/2017 2:14:19 PM

Quant Time: Mar 11 01:36:15 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 11 00:54:34 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	273	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	867	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	517	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	1182m	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	1171	0.40	ng/ul	0.00
20) Perylene-d12	23.77	264	1132m	0.40	ng/ul	0.00

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System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.27	152	292	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	701	0.19	ng/ul	0.00

Target Compounds

						Ovalue
3) Naphthalene	10.73	128	1700	0.68	ng/ul	98
5) 2-Methylnaphthalene	12.34	142	1328	0.74	ng/ul	99
7) Acenaphthylene	14.23	152	681	0.25	ng/ul#	78
8) Acenaphthene	14.57	153	251	0.12	ng/ul#	88
9) Fluorene	15.56	166	292	0.12	ng/ul#	76
12) Phenanthrene	17.30	178	7273	1.96	ng/ul	98
13) Anthracene	17.40	178	1618	0.44	ng/ul#	95
15) Fluoranthene	19.33	202	17671	3.65	ng/ul	94
17) Pyrene	19.69	202	16179	4.02	ng/ul	96
18) Benzo(a)anthracene	21.42	228	9510	2.44	ng/ul	97
19) Chrysene	21.47	228	10048	2.72	ng/ul	96
21) Benzo(b)fluoranthene	23.07	252	16695m	3.75	ng/ul	
22) Benzo(k)fluoranthene	23.11	252	4810m	1.22	ng/ul	
23) Benzo(a)pyrene	23.67	252	9926m	2.48	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.15	276	7925m	1.56	ng/ul	
25) Dibenzo(a,h)anthracene	26.16	278	1981m	0.46	ng/ul	
26) Benzo(a,h,i)perylene	26.89	276	7261m	1.67	ng/ul	

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