

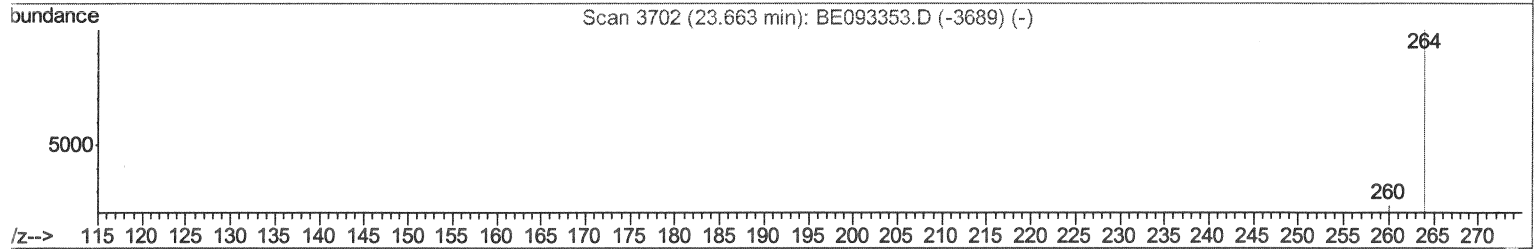
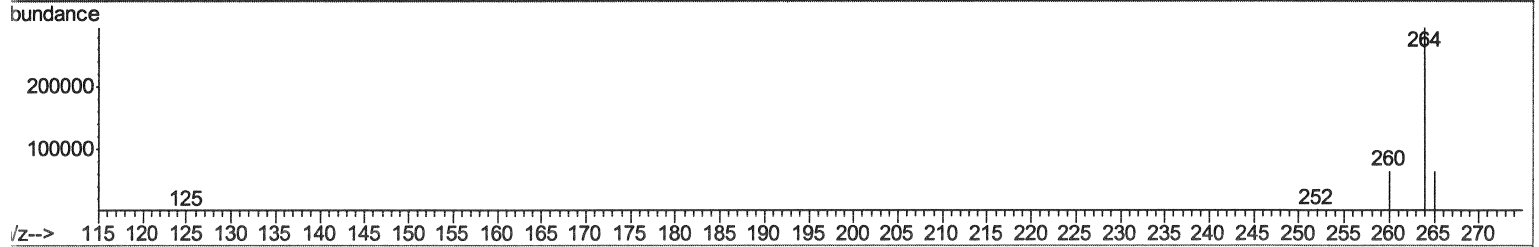
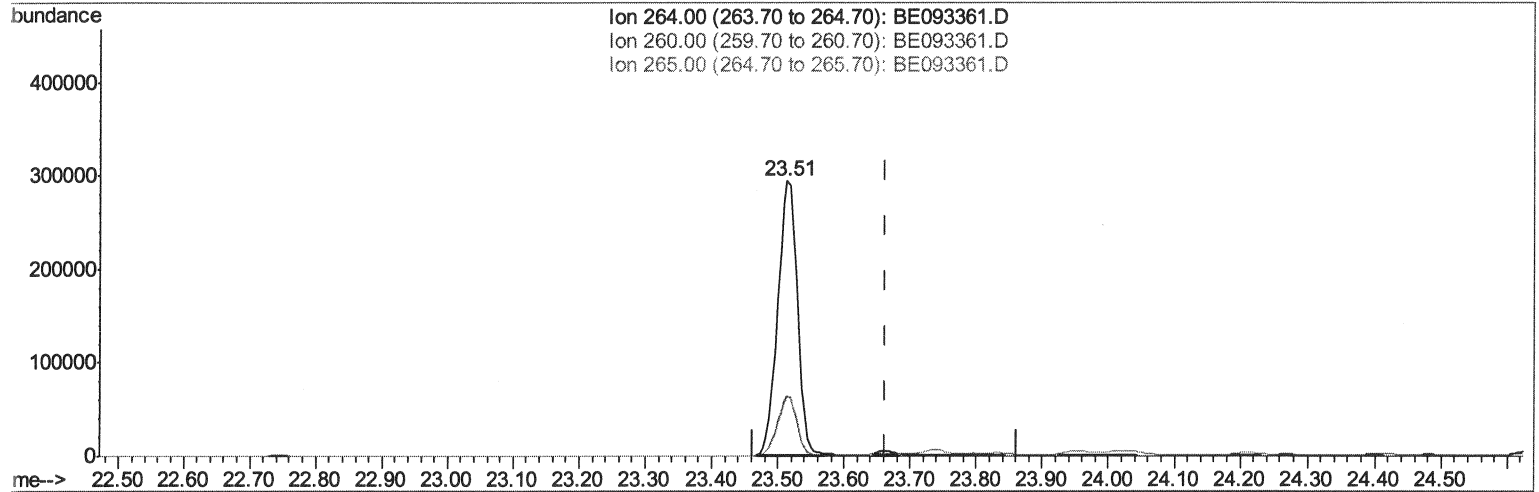
Data File : BE093361.D
Acq On : 24 Jun 2017 14:37
Operator : SJ/JU
Sample : I3625-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5A00

Manual Integrations
APPROVED

mohammad
6/29/2017 8:34:15 AM

Quant Time: Jun 26 01:14:47 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 26 01:13:30 2017
Response via : Initial Calibration



TIC: BE093361.D

(20) Perylene-d12 (I)

23.514min (-0.150) 0.40ng/ul

response 598698

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.70#
265.00	103.50	21.36#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062417\
Quantitation Report (Qedit)

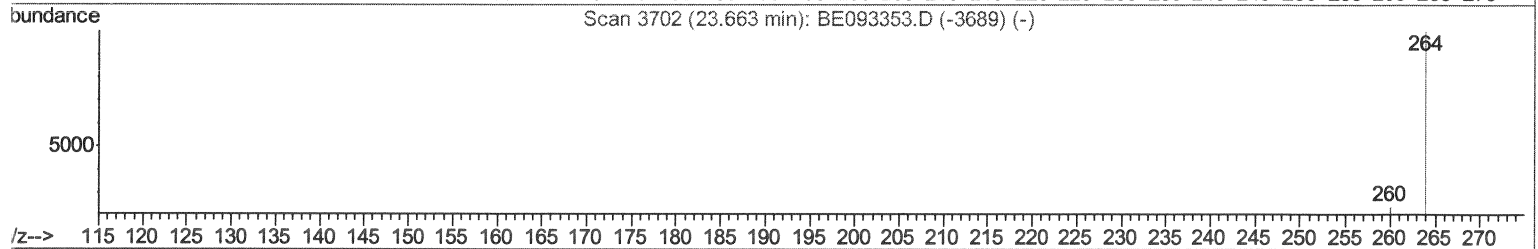
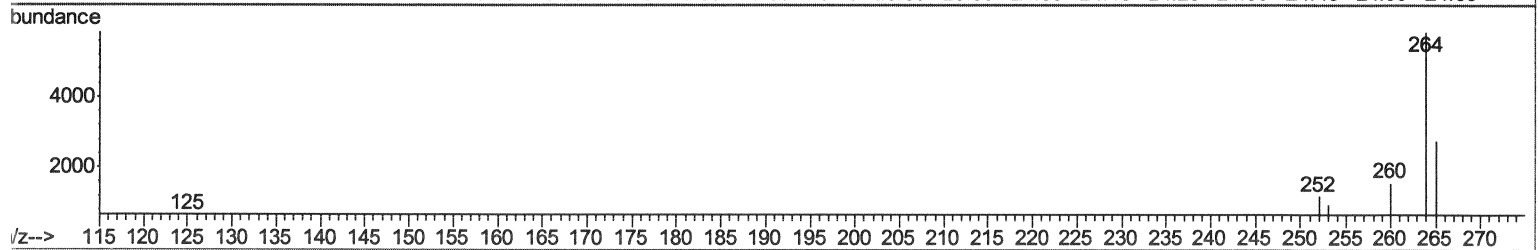
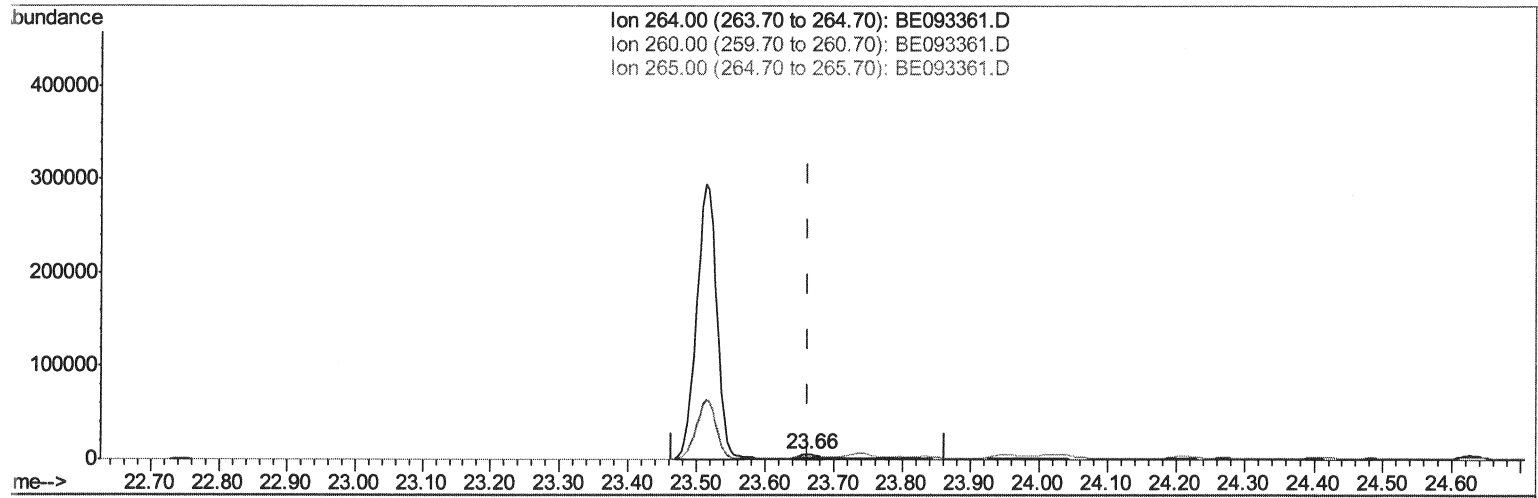
Data File : BE093361.D
Acq On : 24 Jun 2017 14:37
Operator : SJ/JU
Sample : I3625-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
F5A00

Manual Integrations
APPROVED

mohammad
6/29/2017 8:34:15 AM

Quant Time: Jun 26 01:14:47 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 26 01:13:30 2017
Response via : Initial Calibration



TIC: BE093361.D

(20) Perylene-d12 (I)

23.664min (+0.001) 0.40ng/ul m

response 10071

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	26.42
265.00	103.50	46.88#
0.00	0.00	0.00

SJ
06/29/17

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062417\

Quantitation Report (Qedit)

Data File : BE093361.D

Acq On : 24 Jun 2017 14:37

Operator : SJ/JU

Sample : I3625-18

Misc :

ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5A00

Manual Integrations
APPROVED

mohammad
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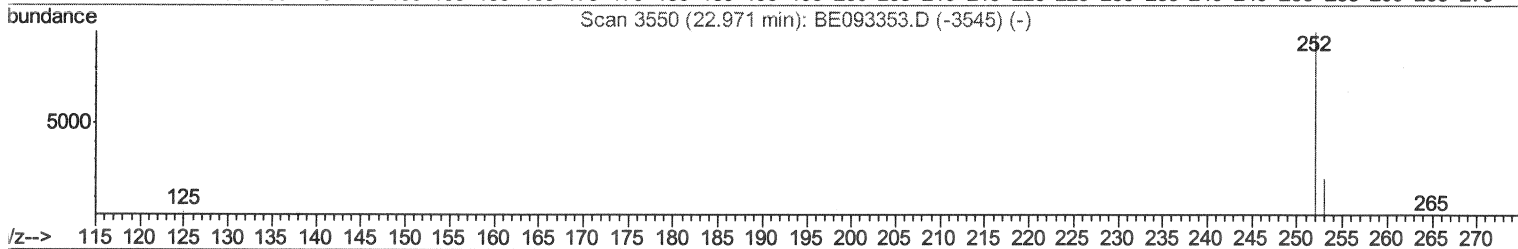
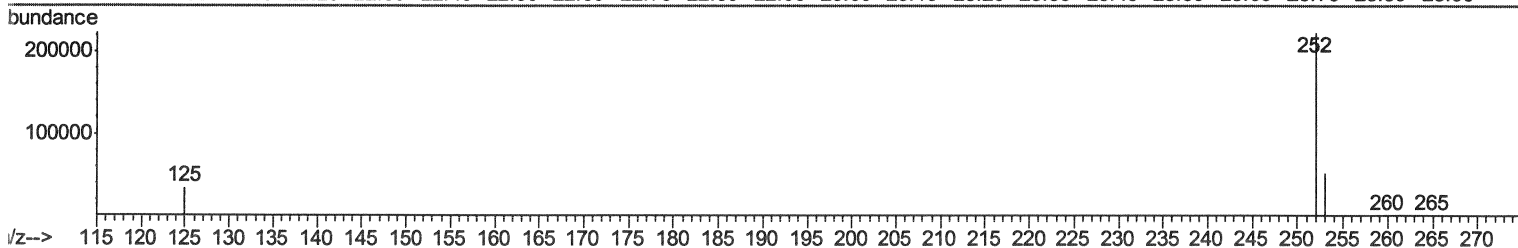
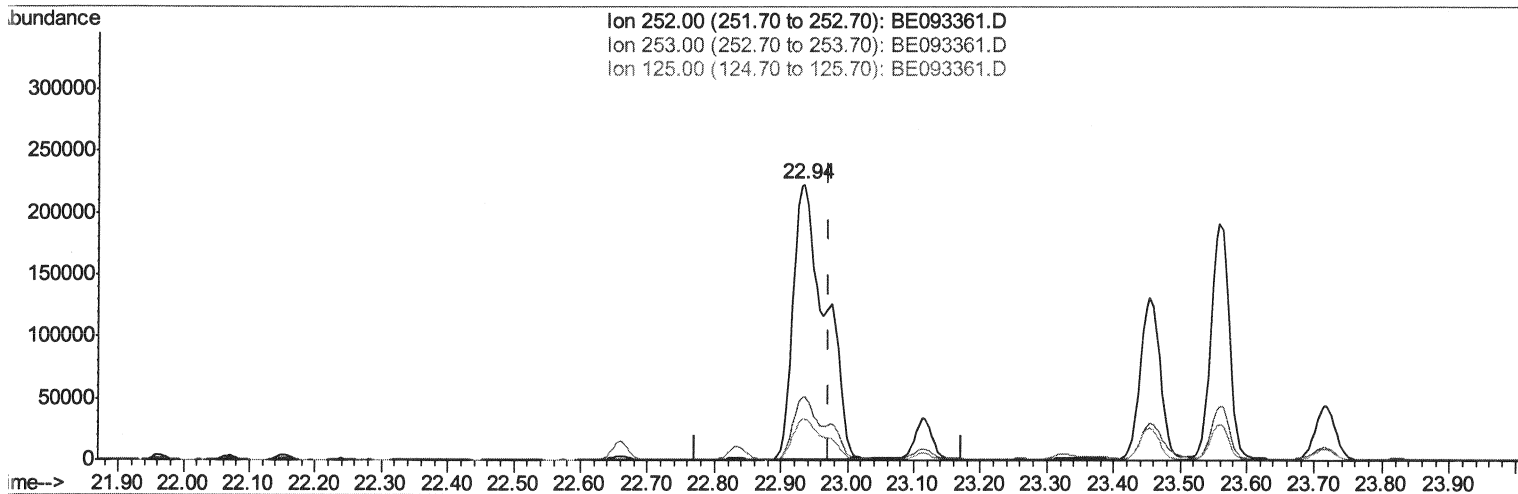
Quant Time: Jun 26 01:42:56 2017

Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 26 01:13:30 2017

Response via : Initial Calibration



TIC: BE093361.D

(22) Benzo(k)fluoranthene

22.935min (-0.036) 22.74ng/ui

response 738094

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.21#
125.00	17.10	15.17
0.00	0.00	0.00

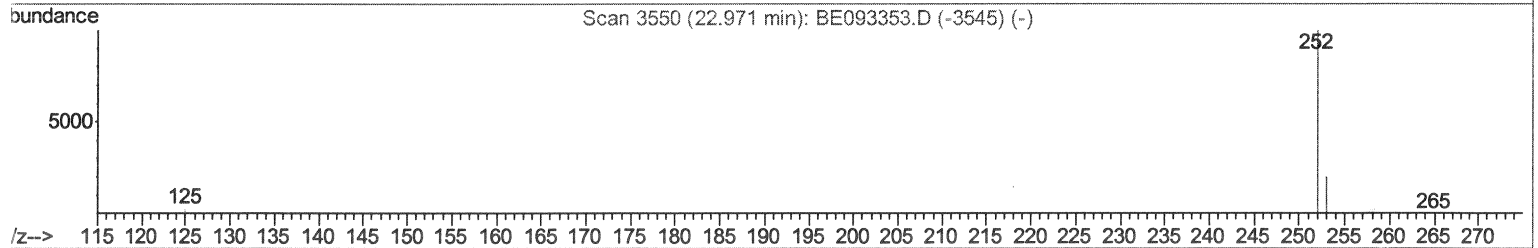
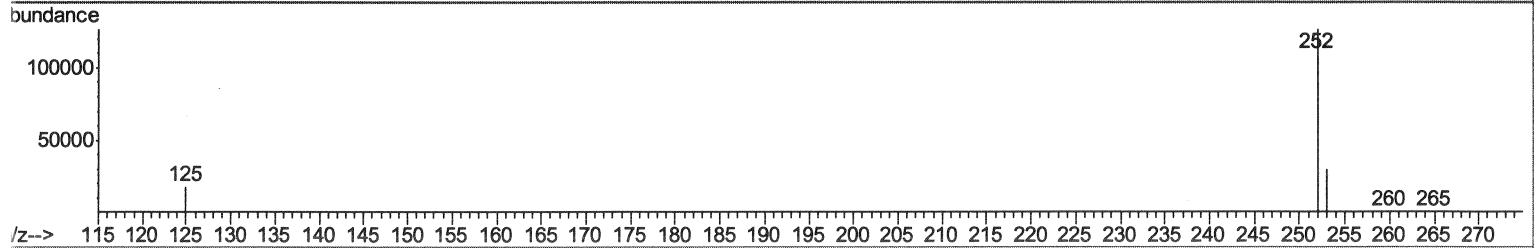
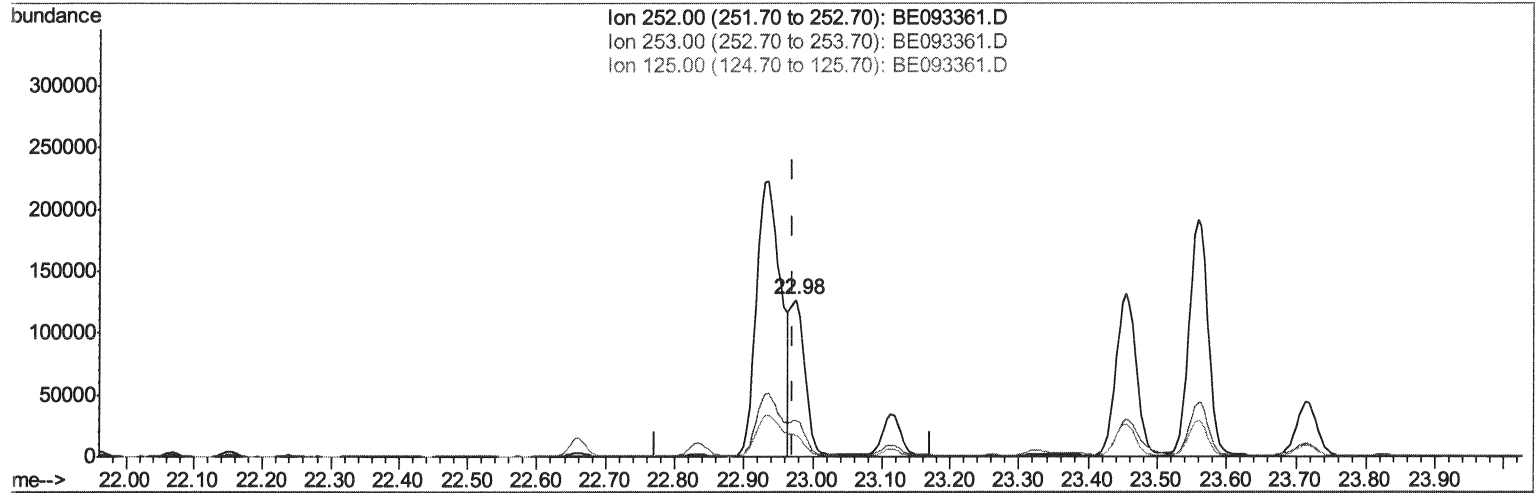
Data File : BE093361.D
Acq On : 24 Jun 2017 14:37
Operator : SJ/JU
Sample : I3625-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5A00

Manual Integrations
APPROVED

mohammad
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Quant Time: Jun 26 01:42:56 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 26 01:13:30 2017
Response via : Initial Calibration



TIC: BE093361.D

(22) Benzo(k)fluoranthene

22.976min (+0.005) 6.03ng/ul m

response 195871

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.56#
125.00	17.10	13.91
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062417\

Quantitation Report (Qedit)

Data File : BE093361.D

Acq On : 24 Jun 2017 14:37

Operator : SJ/JU

Sample : I3625-18

Misc :

ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5A00

Manual Integrations
APPROVED

mohammad
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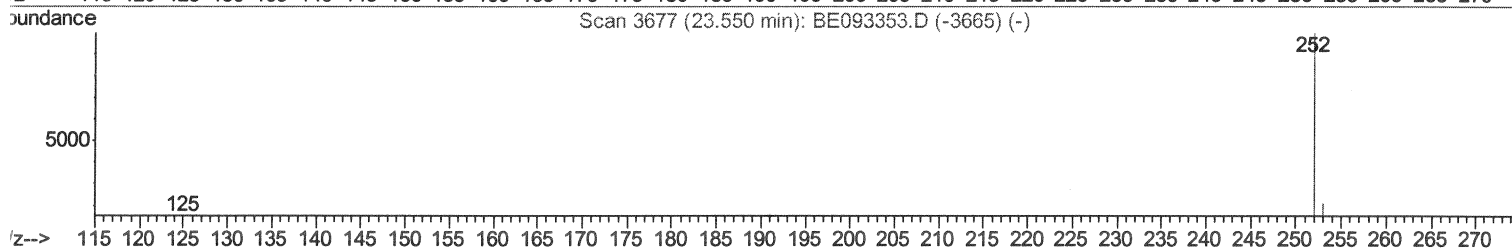
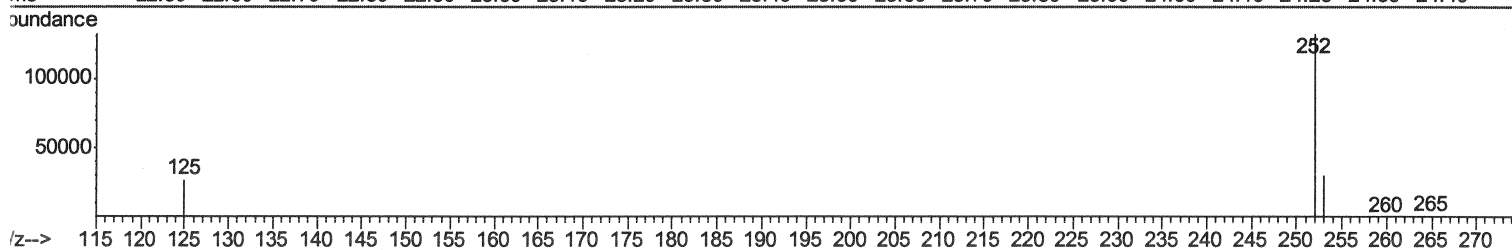
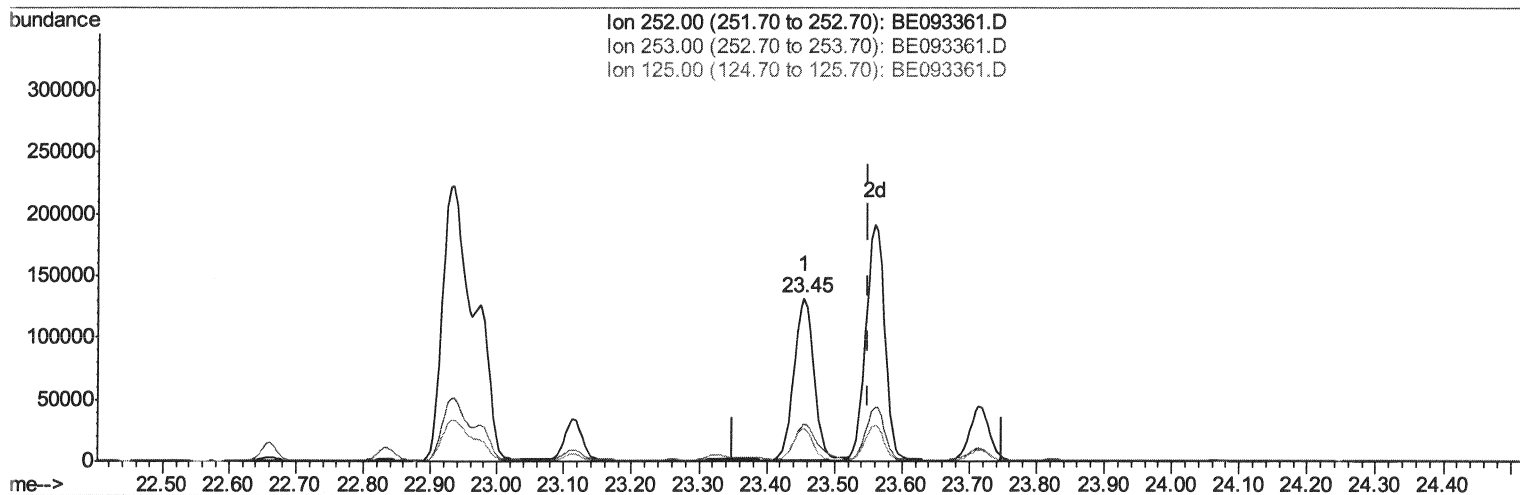
Quant Time: Jun 26 01:42:56 2017

Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 26 01:13:30 2017

Response via : Initial Calibration



TIC: BE093361.D

(23) Benzo(a)pyrene (C)

23.454min (-0.095) 9.41ng/ul

response 271807

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	22.72#
125.00	22.60	20.06
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062417\

Quantitation Report (Qedit)

Data File : BE093361.D

Acq On : 24 Jun 2017 14:37

Operator : SJ/JU

Sample : I3625-18

Misc :

ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5A00

Manual Integrations
APPROVED

mohammad
6/29/2017 8:34:15 AM

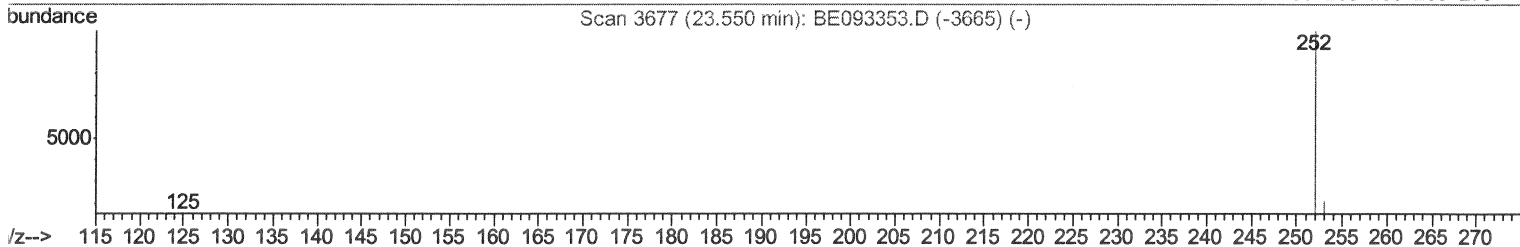
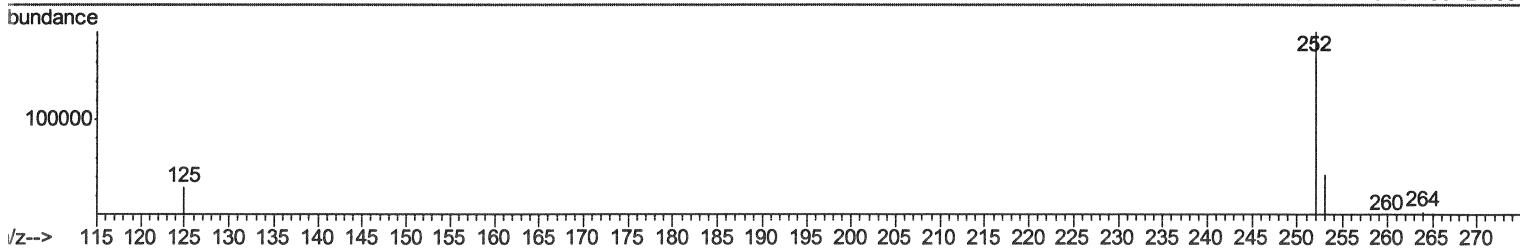
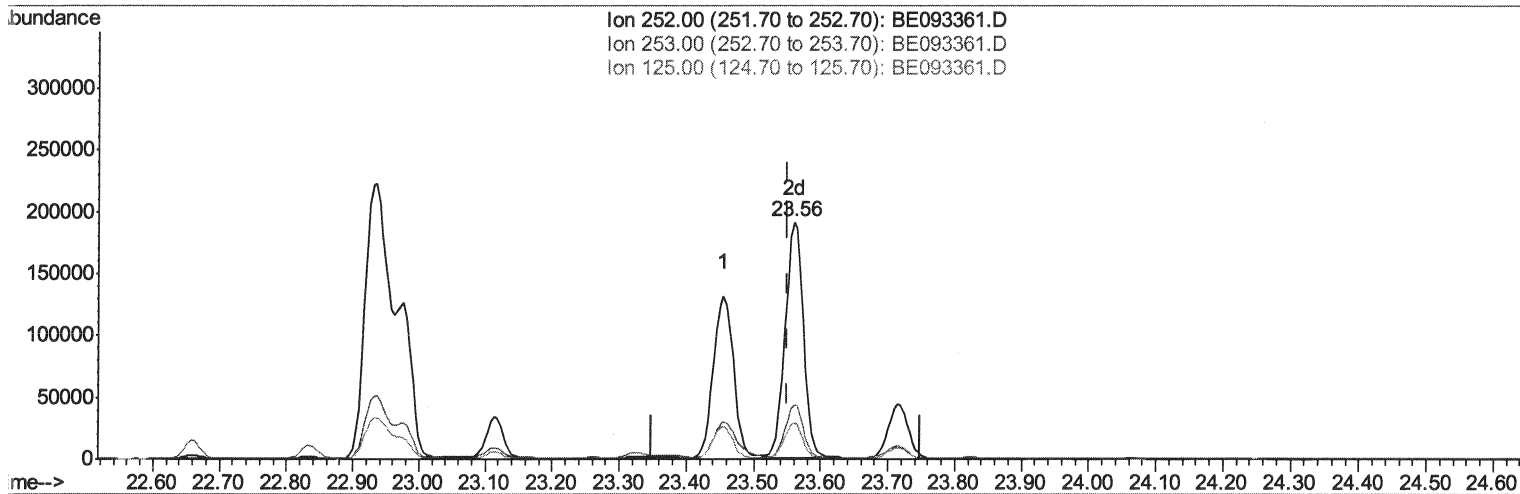
Quant Time: Jun 26 01:42:56 2017

Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 26 01:13:30 2017

Response via : Initial Calibration



TIC: BE093361.D

(23) Benzo(a)pyrene (C)

23.559min (+0.010) 12.78ng/ul m

response 369340

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	22.56#
125.00	22.60	15.48#
0.00	0.00	0.00

SJ
06/29/17

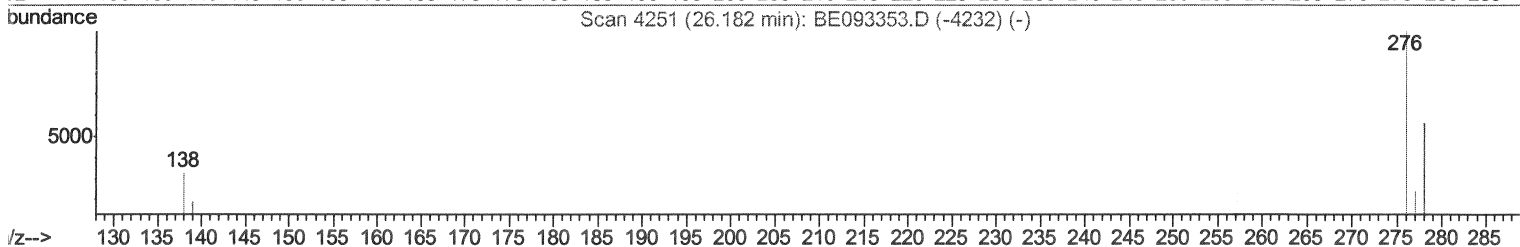
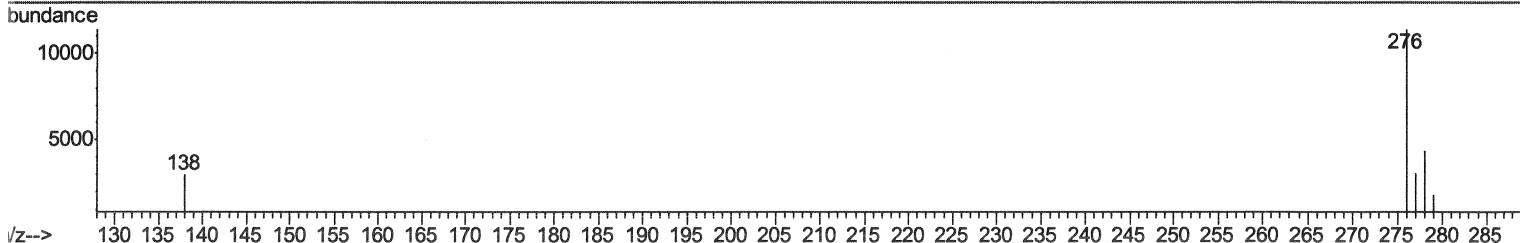
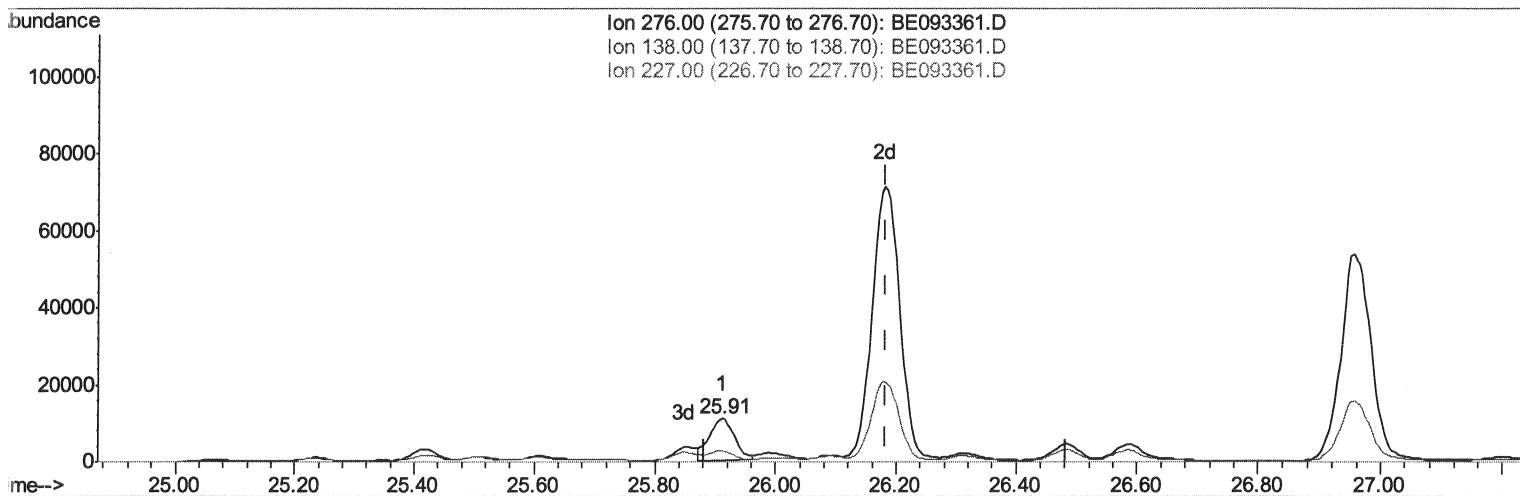
Data File : BE093361.D
Acq On : 24 Jun 2017 14:37
Operator : SJ/JU
Sample : I3625-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5A00

Manual Integrations
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Quant Time: Jun 26 01:42:56 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
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QLast Update : Mon Jun 26 01:13:30 2017
Response via : Initial Calibration



TIC: BE093361.D

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

25.912min (-0.270) 0.94ng/ul

response 31398

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	22.22#
227.00	10.00	0.00#
0.00	0.00	0.00

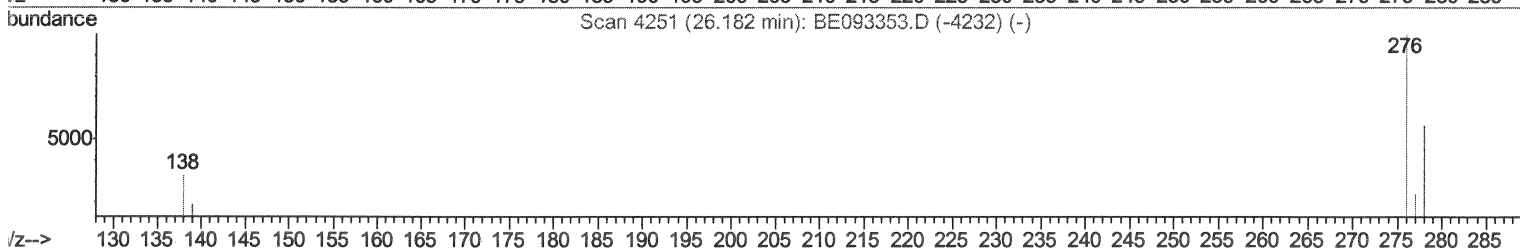
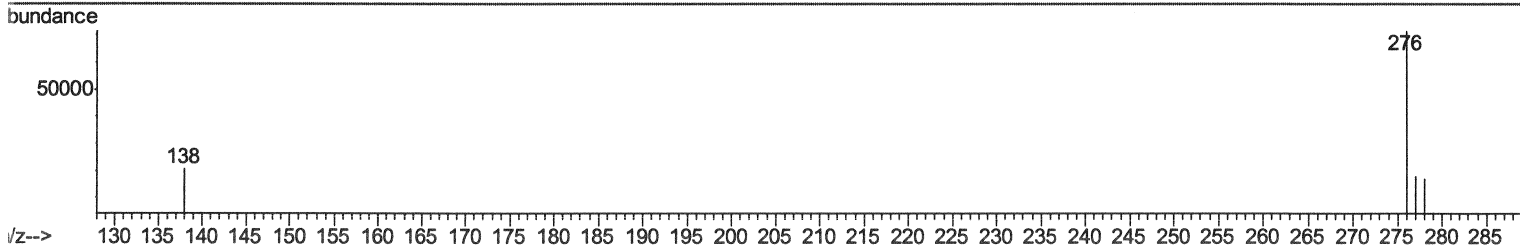
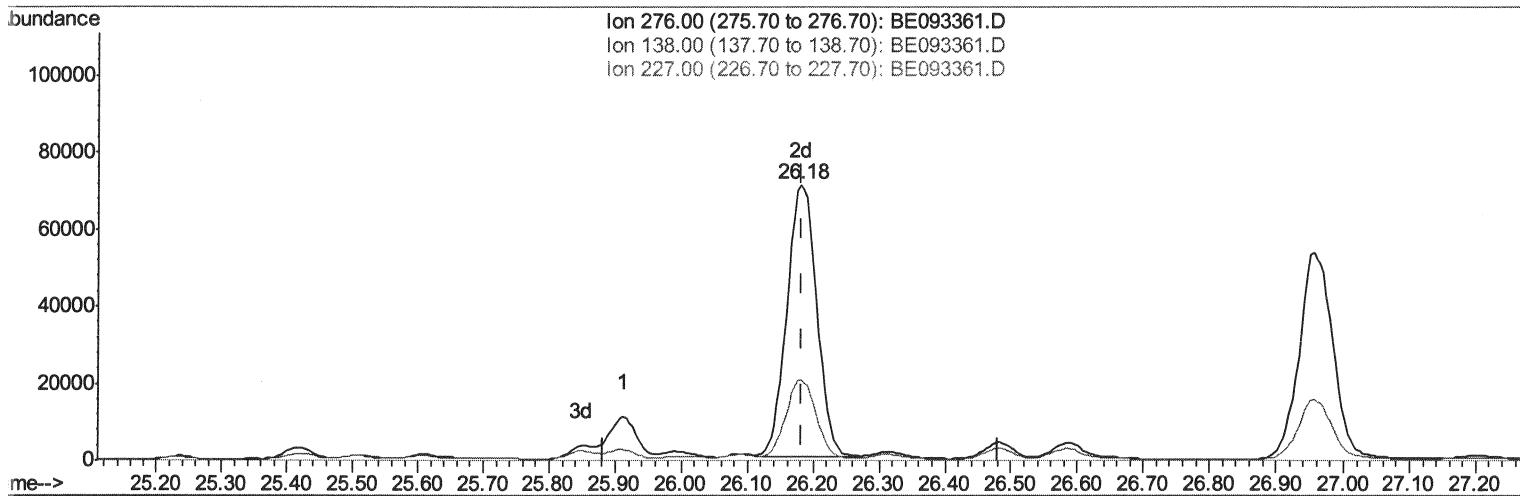
Data File : BE093361.D
Acq On : 24 Jun 2017 14:37
Operator : SJ/JU
Sample : I3625-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5A00

Manual Integrations
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6/29/2017 8:34:15 AM

Quant Time: Jun 26 01:42:56 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 26 01:13:30 2017
Response via : Initial Calibration



TIC: BE093361.D

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

26.181min (-0.001) 6.67ng/ul m

response 223280

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	3.12#
227.00	10.00	0.00#
0.00	0.00	0.00

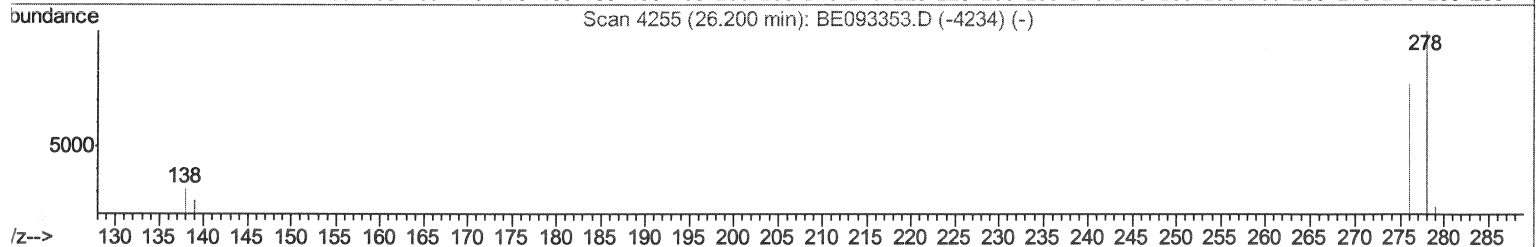
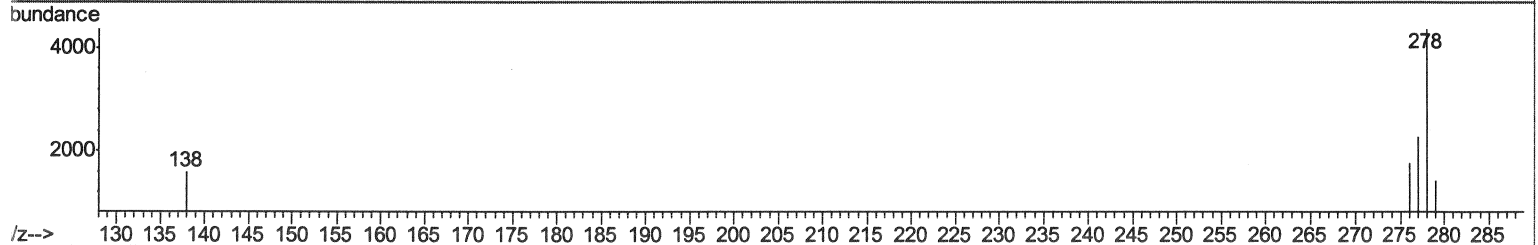
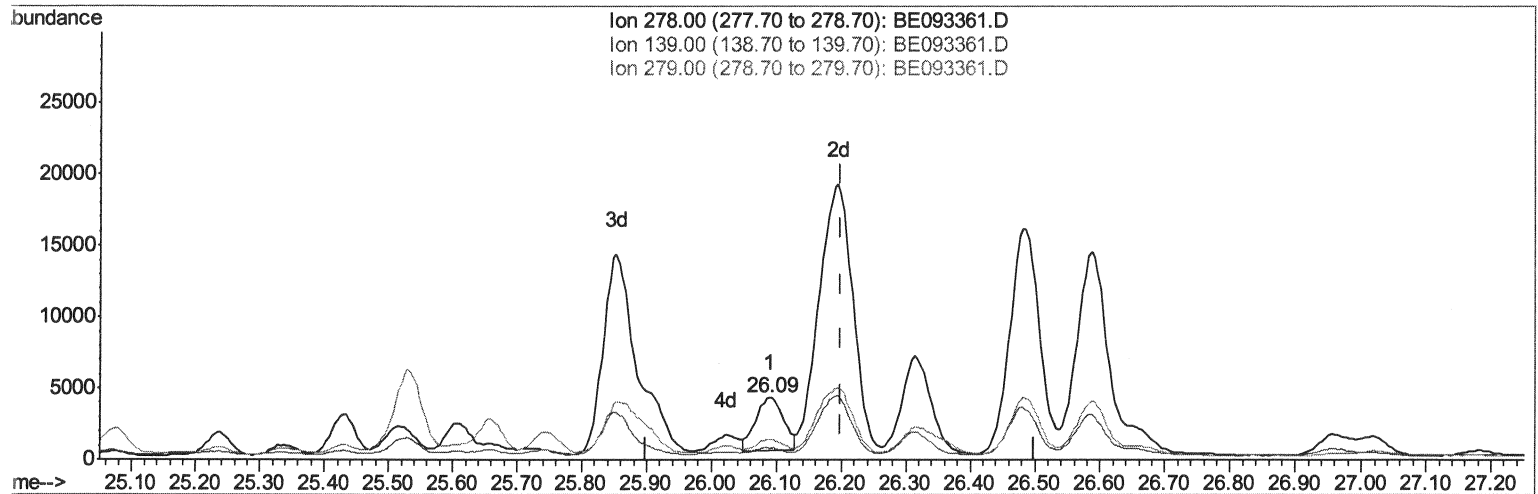
Data File : BE093361.D
Acq On : 24 Jun 2017 14:37
Operator : SJ/JU
Sample : I3625-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5A00

Manual Integrations
APPROVED

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6/29/2017 8:34:15 AM

Quant Time: Jun 26 01:42:56 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 26 01:13:30 2017
Response via : Initial Calibration



TIC: BE093361.D

(25) Dibenzo(a,h)anthracene

26.090min (-0.110) 0.39ng/ul

response 10932

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	18.87
279.00	32.40	33.03
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062417\

Quantitation Report (Qedit)

Data File : BE093361.D

Acq On : 24 Jun 2017 14:37

Operator : SJ/JU

Sample : I3625-18

Misc :

ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5A00

Manual Integrations
APPROVED

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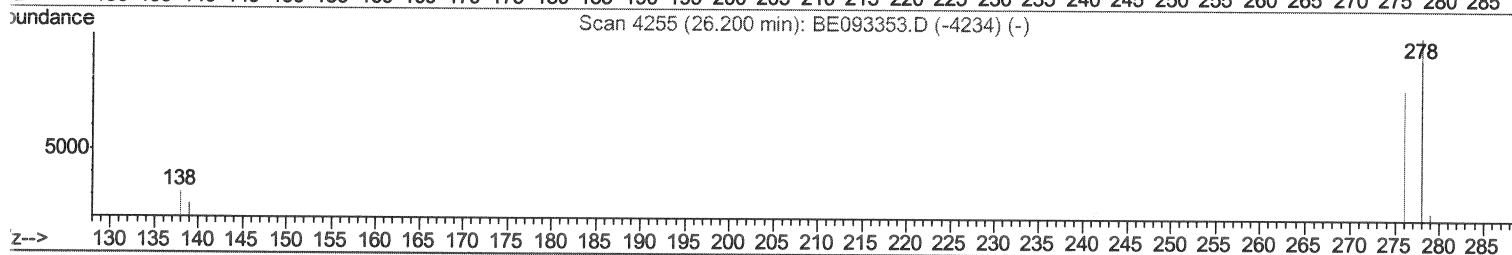
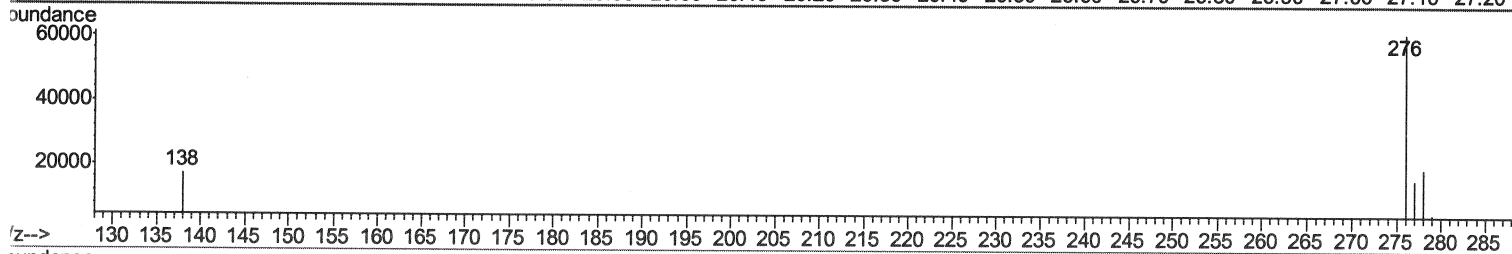
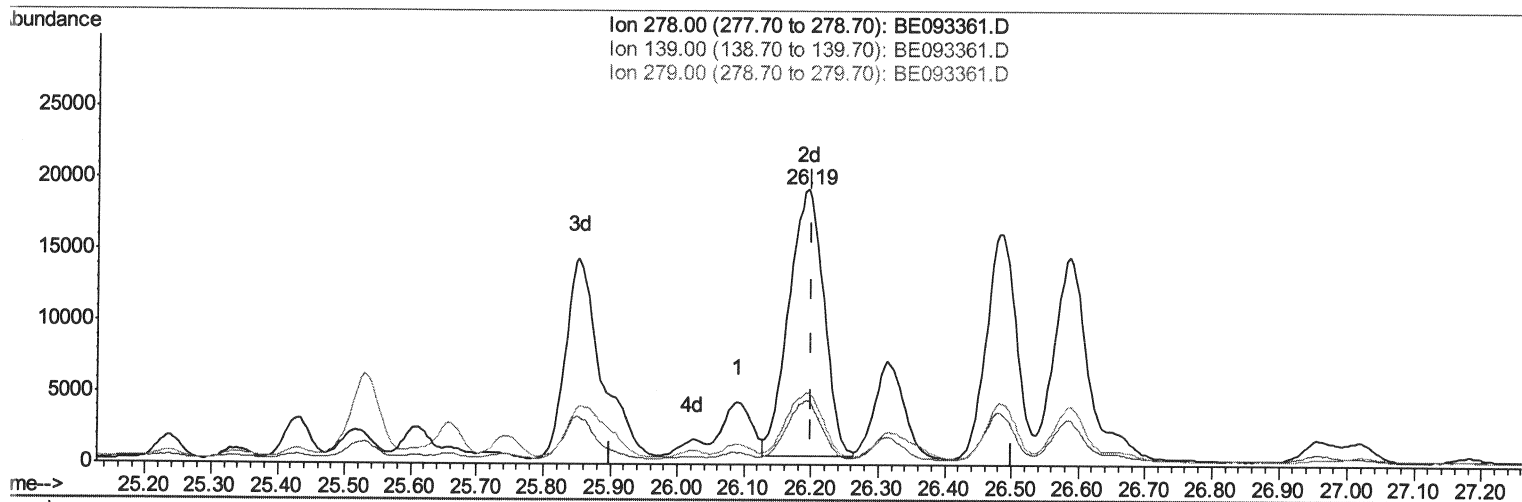
Quant Time: Jun 26 01:42:56 2017

Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 26 01:13:30 2017

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TIC: BE093361.D

(25) Dibenzo(a,h)anthracene

26.195min (-0.005) 2.41ng/ul m

response 67977

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	22.97
279.00	32.40	26.13
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062417\

Quantitation Report (QT Reviewed)

Data File : BE093361.D

Acq On : 24 Jun 2017 14:37

Operator : SJ/JU

Sample : I3625-18

Misc :

ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5A00

Manual Integrations

APPROVED

mohammad

6/29/2017 8:34:15 AM

Quant Time: Jun 26 01:44:22 2017

Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 26 01:13:30 2017

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	1313	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	7008	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	4494	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	10684	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	11907	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	10071m	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.11	152	2676	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	8637	0.30	ng/ul	0.00

Target Compounds

						Qvalue
3) Naphthalene	10.56	128	8233	0.47	ng/ul#	93
5) 2-Methylnaphthalene	12.18	142	5035	0.42	ng/ul	98
7) Acenaphthylene	14.08	152	20791	1.08	ng/ul	98
8) Acenaphthene	14.42	153	14103	0.91	ng/ul	98
9) Fluorene	15.41	166	20649	1.13	ng/ul	91
12) Phenanthrene	17.14	178	551247	18.75	ng/ul#	89
13) Anthracene	17.22	178	106468	4.16	ng/ul#	90
15) Fluoranthene	19.15	202	1047251	29.05	ng/ul	84
17) Pyrene	19.52	202	999085	28.45	ng/ul#	84
18) Benzo(a)anthracene	21.24	228	505818	15.93	ng/ul#	86
19) Chrysene	21.29	228	522902	15.87	ng/ul	98
21) Benzo(b)fluoranthene	22.94	252	547577	17.92	ng/ul	88
22) Benzo(k)fluoranthene	22.98	252	195871m	6.03	ng/ul	} 12.78 ng/ul
23) Benzo(a)pyrene	23.56	252	369340m	6.67	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.18	276	223280m	2.41	ng/ul	
25) Dibenzo(a,h)anthracene	26.19	278	67977m	6.49	ng/ul	
26) Benzo(g,h,i)perylene	26.96	276	186309			97

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

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062417\
Quantitation Report (QT Reviewed)

Data File : BE093361.D
Acq On : 24 Jun 2017 14:37
Operator : SJ/JU
Sample : I3625-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5A00

Manual Integrations
APPROVED

mohammad
6/29/2017 8:34:15 AM

Quant Time: Jun 26 01:44:22 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 26 01:13:30 2017
Response via : Initial Calibration

