

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\
Quantitation Report (QT Reviewed)

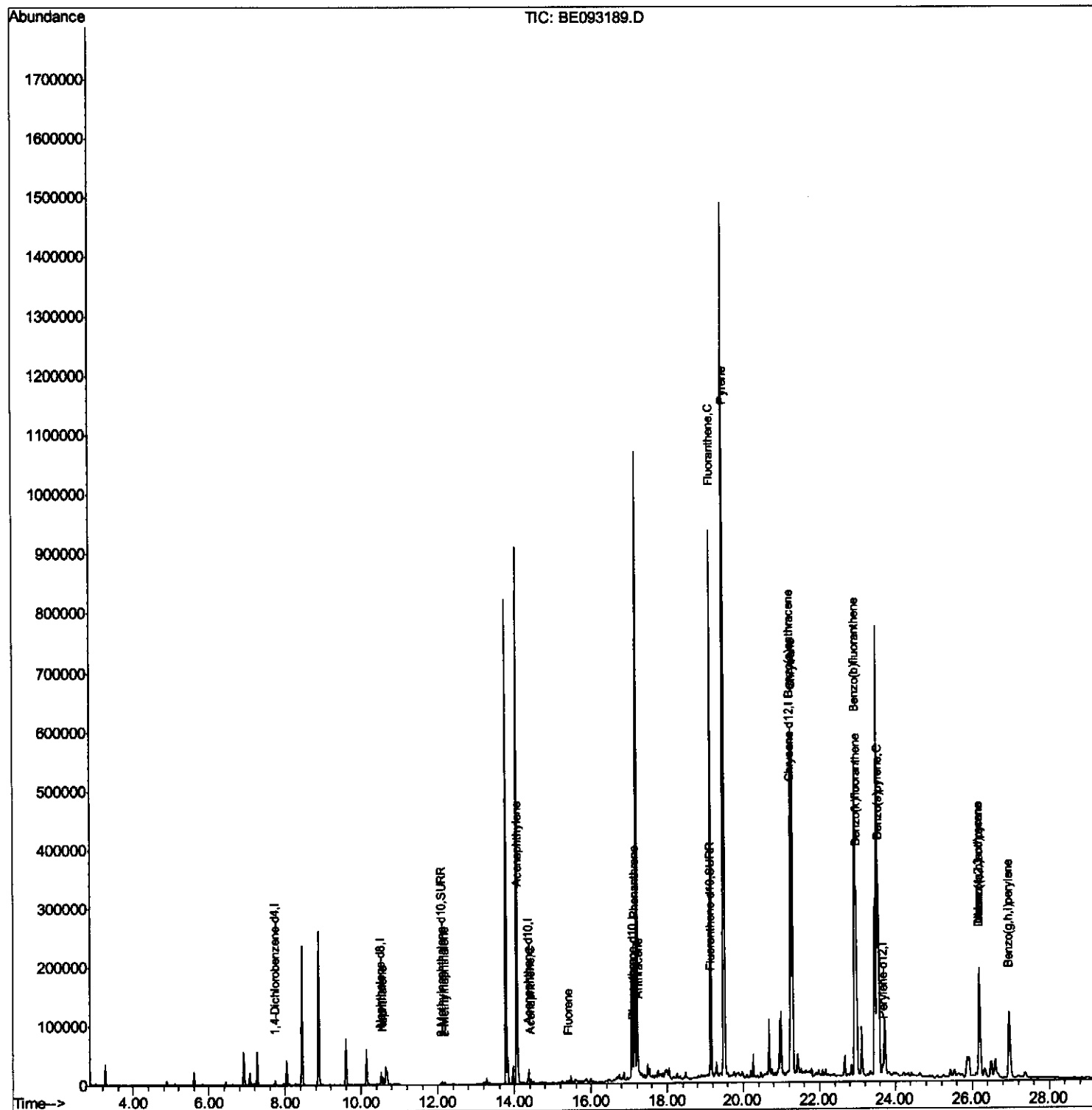
Data File : BE093189.D
Acq On : 15 Jun 2017 3:07
Operator : SJ/MA
Sample : I3521-16
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
F5C36

Manual Integrations
APPROVED

mohammad
6/15/2017 3:53:55 PM

Quant Time: Jun 15 04:50:56 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 03:59:13 2017
Response via : Initial Calibration



Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\

Quantitation Report (Qedit)

Data File : BE093189.D

Acq On : 15 Jun 2017 3:07

Operator : SJ/MA

Sample : I3521-16

Misc :

ALS Vial : 26 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampled :

F5C36

Manual Integrations
APPROVED

mohammad
6/15/2017 3:53:55 PM

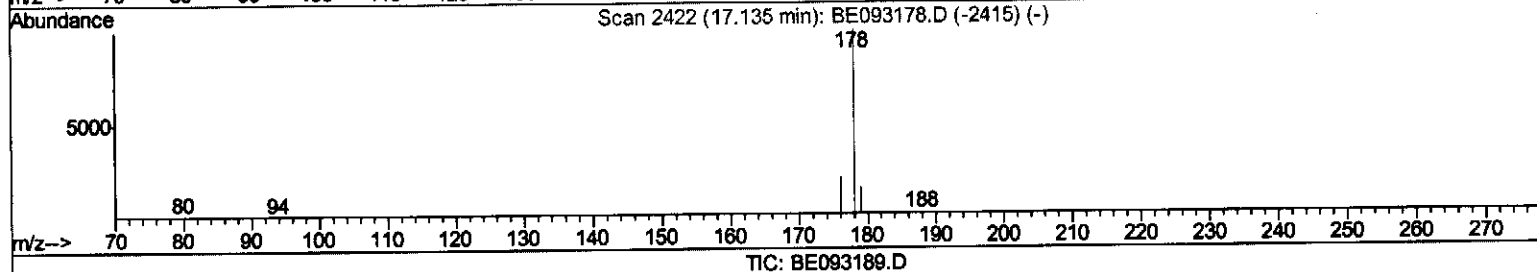
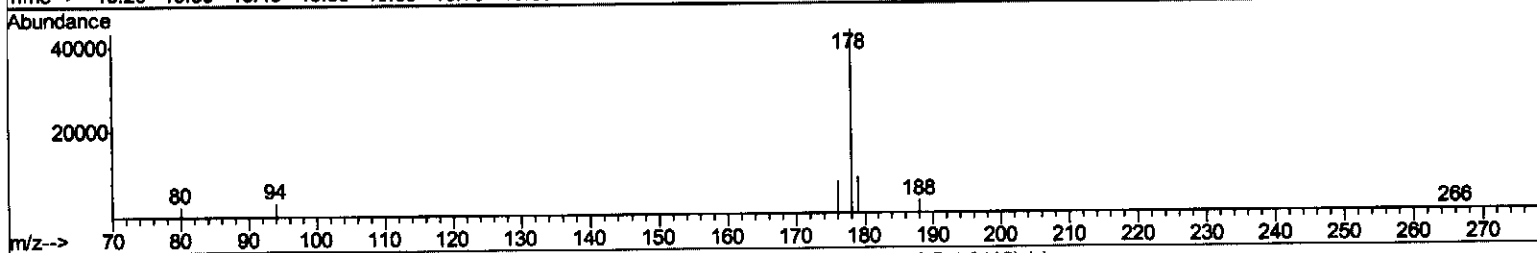
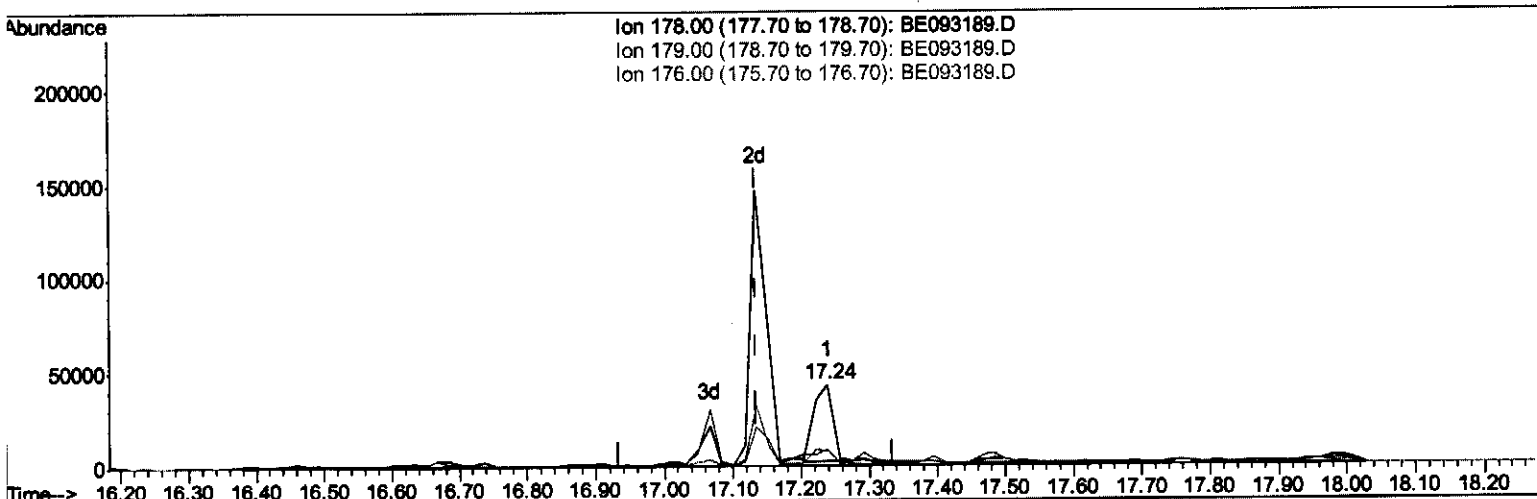
Quant Time: Jun 15 04:01:42 2017

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 15 03:59:13 2017

Response via : Initial Calibration



(12) Phenanthrene

17.239min (+0.104) 0.90ng/ul

response 78300

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	19.79
176.00	17.00	17.93
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\

Quantitation Report (Qedit)

Data File : BE093189.D

Acq On : 15 Jun 2017 3:07

Operator : SJ/MA

Sample : I3521-16

Misc :

ALS Vial : 26 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5C36

Manual Integrations
APPROVED

mohammad
6/15/2017 3:53:55 PM

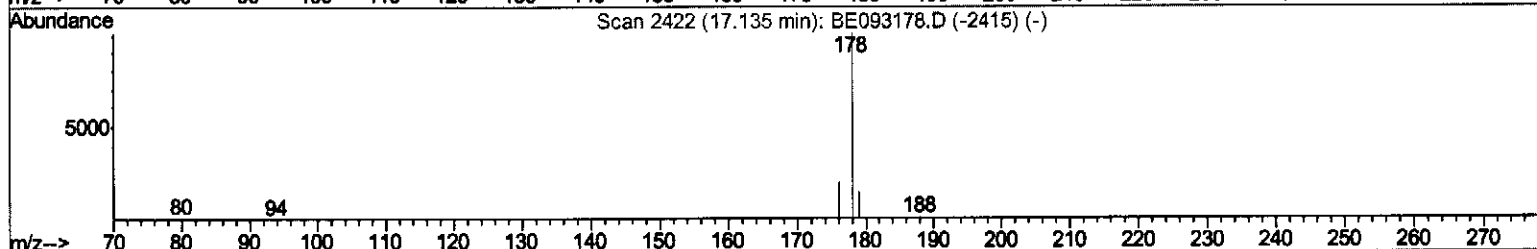
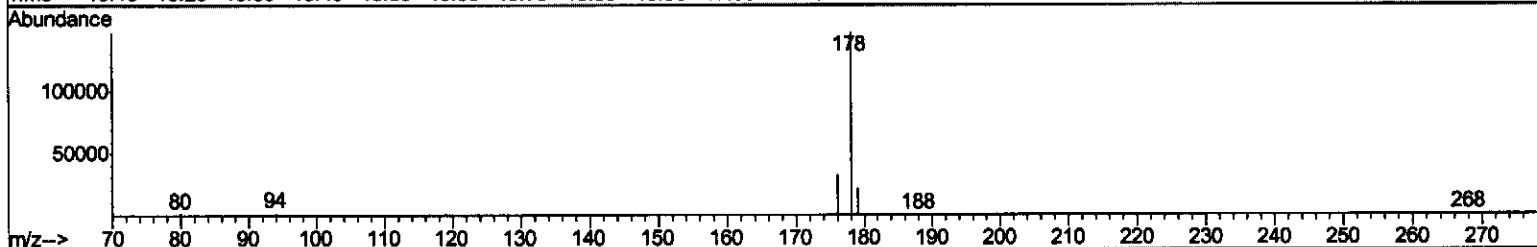
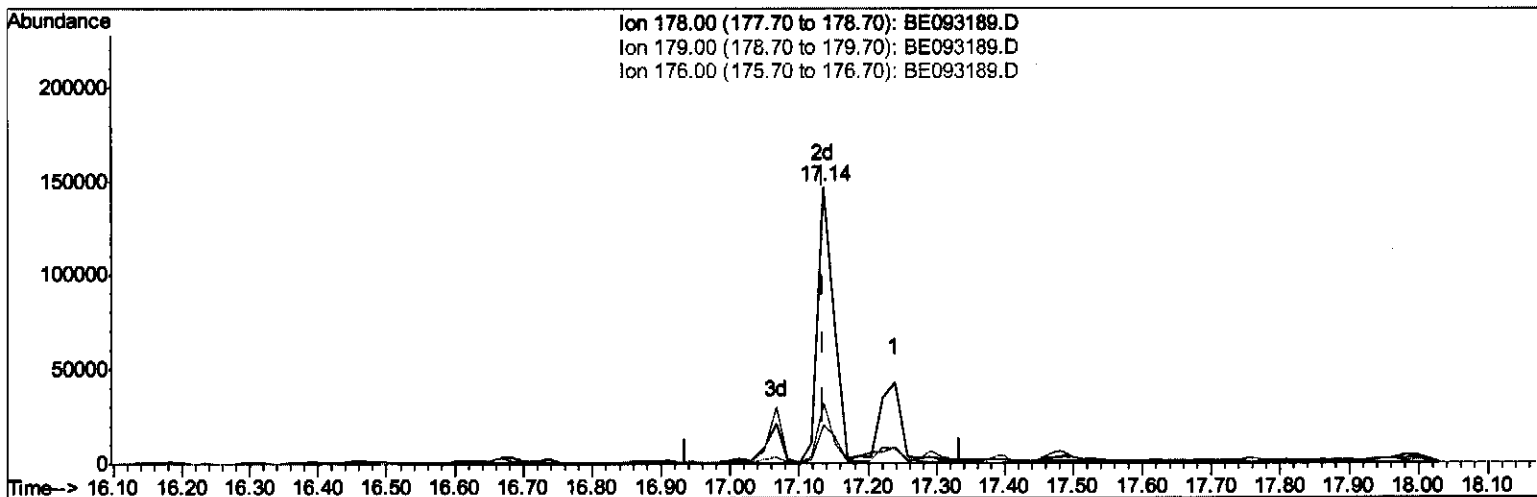
Quant Time: Jun 15 04:01:42 2017

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC: BE093189.D

(12) Phenanthrene

17.135min (+0.000) 2.78ng/ul m

response 240656

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	14.31#
176.00	17.00	21.65#
0.00	0.00	0.00

> SJ
06/21/17

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\
Quantitation Report (Qedit)

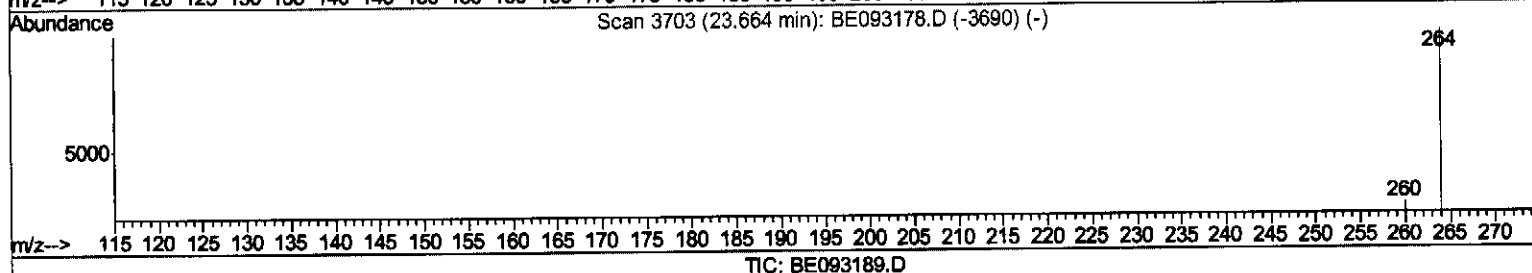
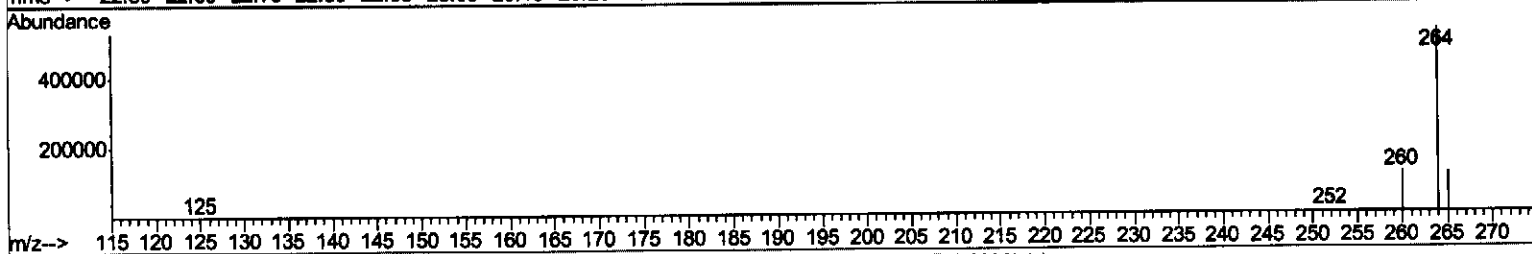
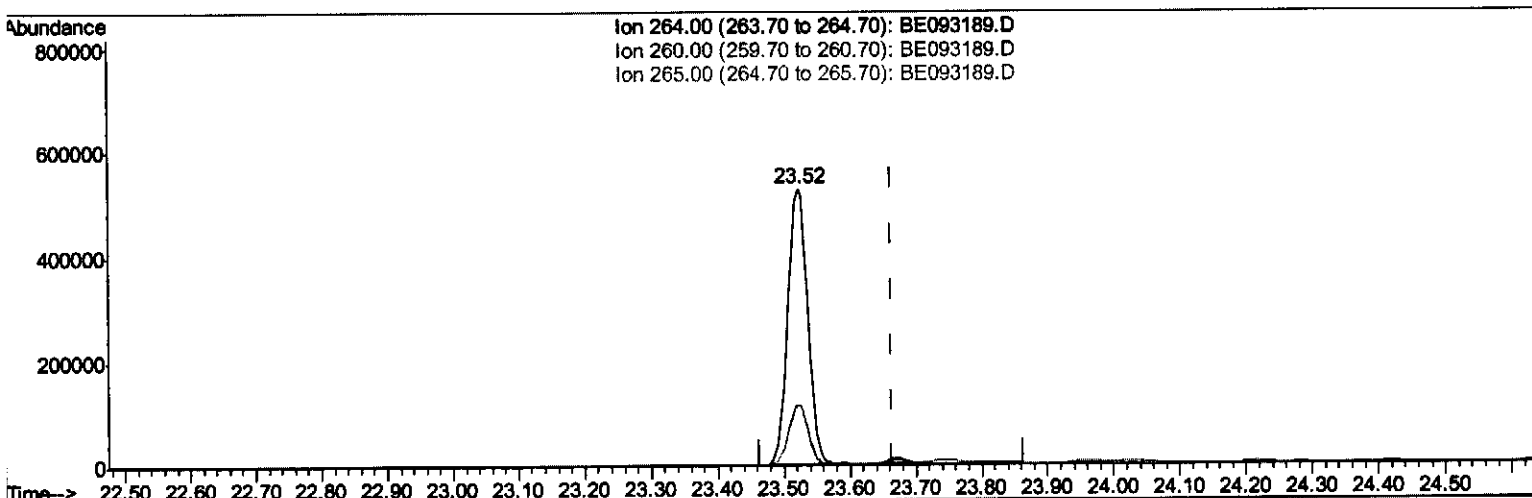
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(20) Perylene-d12 (I)
23.523min (-0.141) 0.40ng/ui
response 1102356

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	22.40#
265.00	103.50	21.78#
0.00	0.00	0.00

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Quantitation Report (Qedit)

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Operator : SJ/MA

Sample : I3521-16

Misc :

ALS Vial : 26 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampled :

F5C36

Manual Integrations
APPROVED

mohammad
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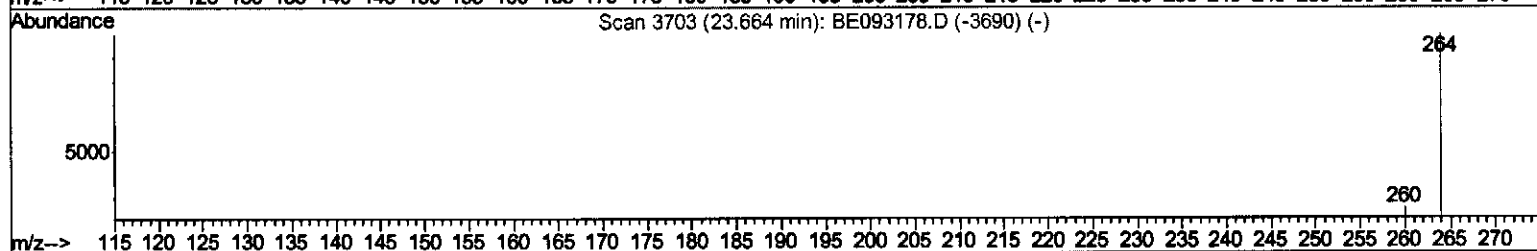
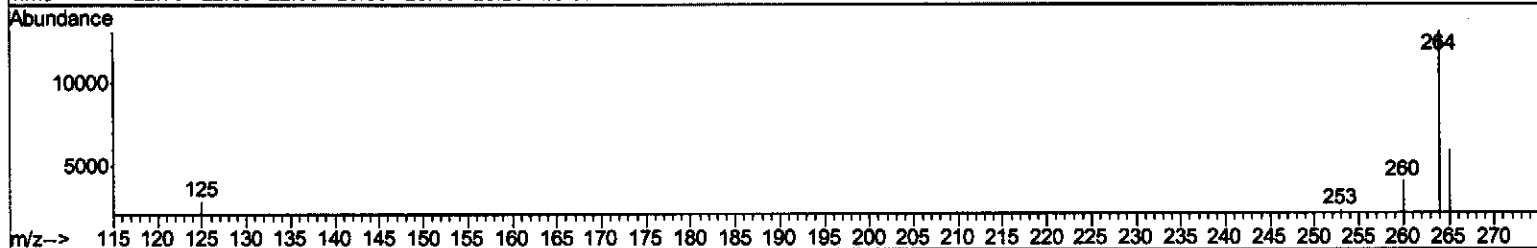
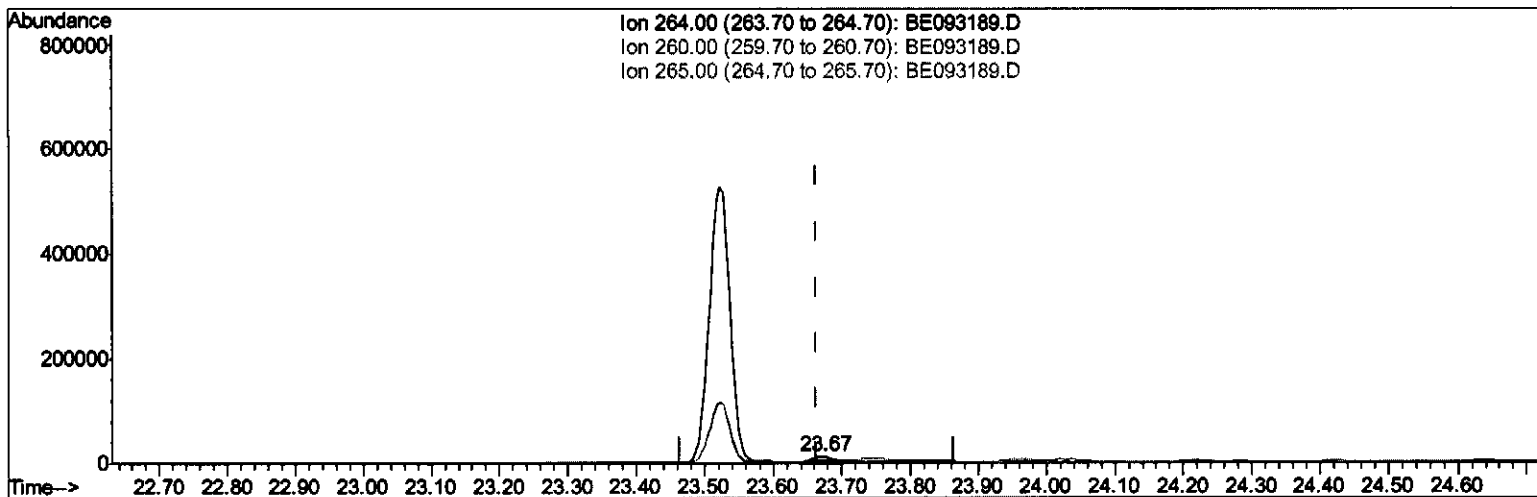
Quant Time: Jun 15 04:01:42 2017

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 15 03:59:13 2017

Response via : Initial Calibration



TIC: BE093189.D

(20) Perylene-d12 (I)

23.673min (+0.009) 0.40ng/ul m

response 22609

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	30.76
265.00	103.50	45.28#
0.00	0.00	0.00

> SJ
06/21/17

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\

Quantitation Report (Qedit)

Data File : BE093189.D

Acq On : 15 Jun 2017 3:07

Operator : SJ/MA

Sample : I3521-16

Misc :

ALS Vial : 26 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampled :

F5C36

Manual Integrations

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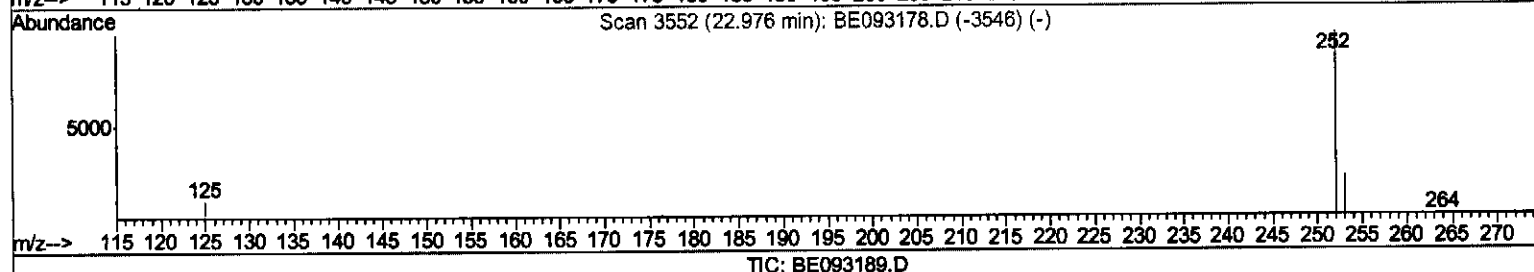
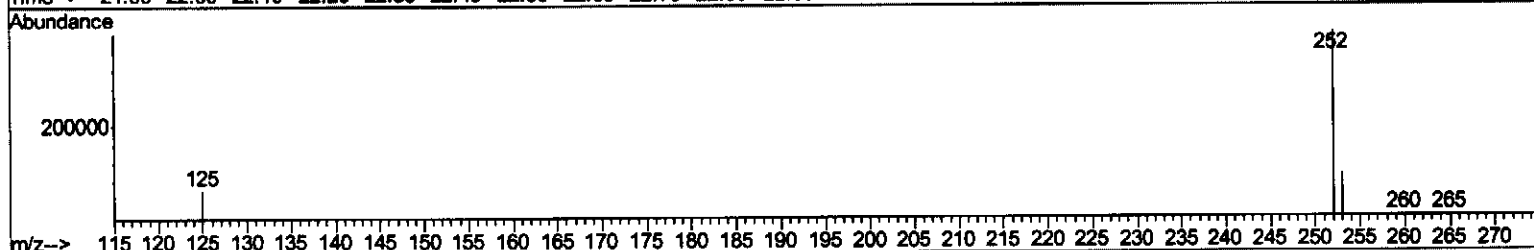
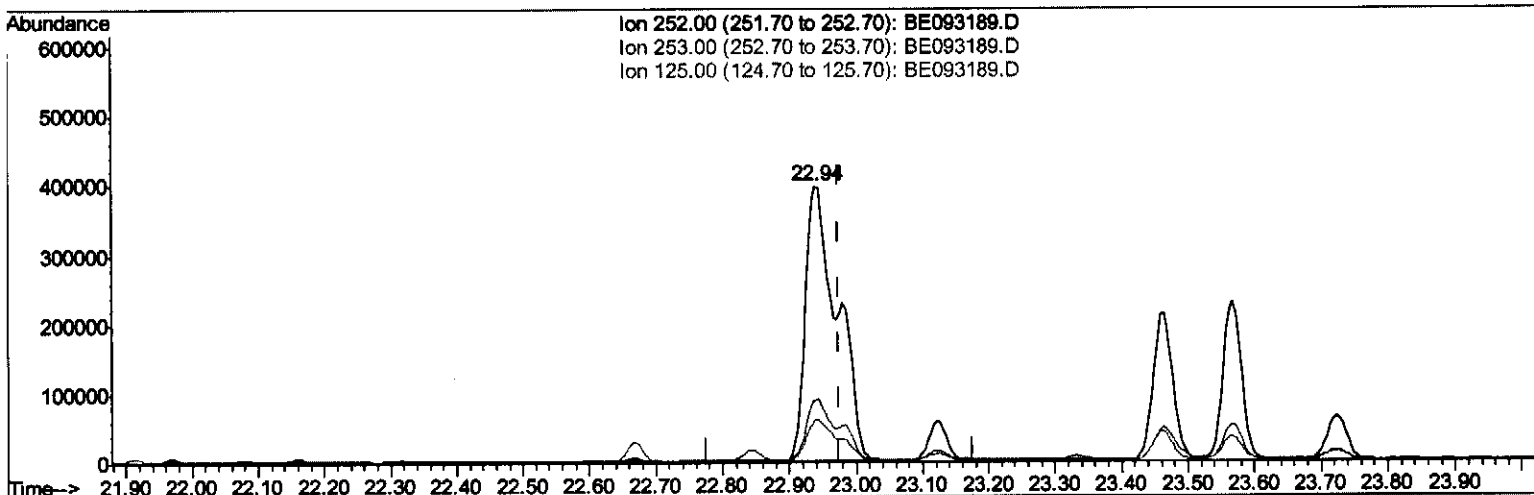
Quant Time: Jun 15 04:49:44 2017

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 15 03:59:13 2017

Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.940min (-0.037) 18.20ng/ul

response 1326610

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	22.93#
125.00	17.10	15.25
0.00	0.00	0.00

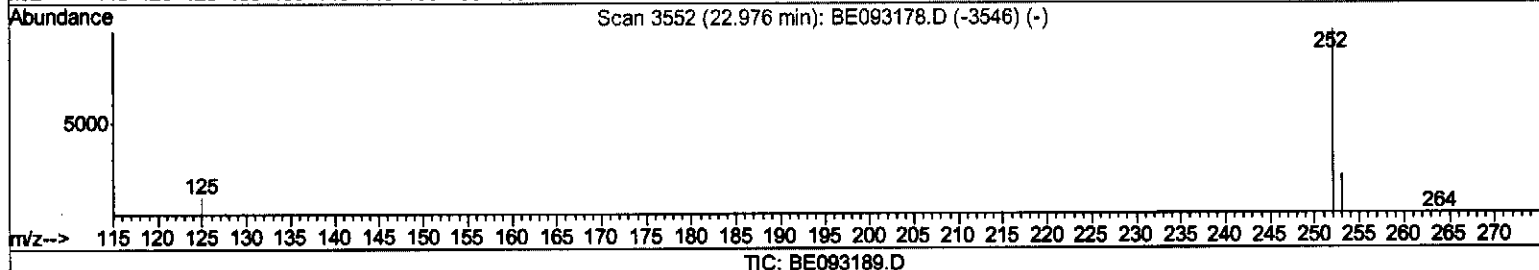
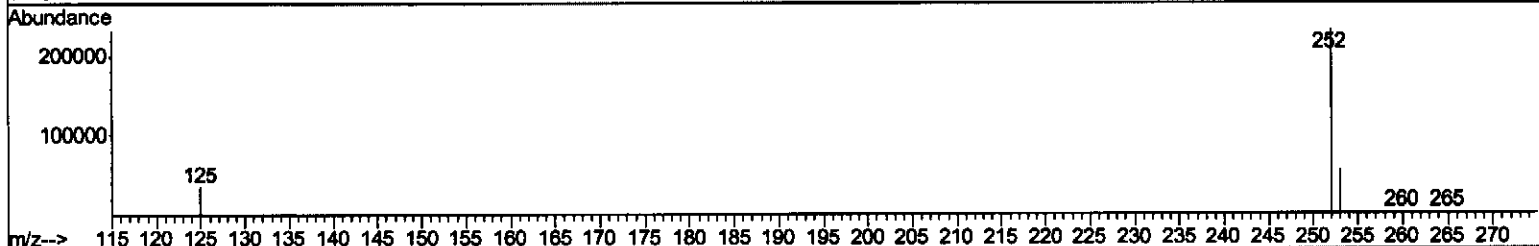
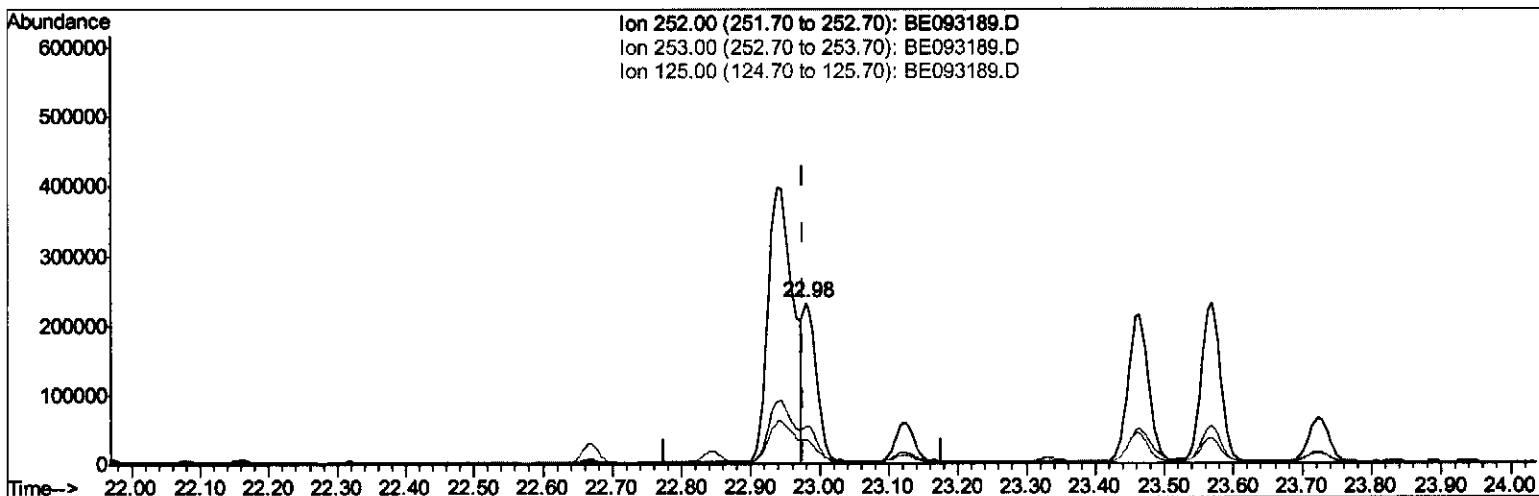
Data File : BE093189.D
Acq On : 15 Jun 2017 3:07
Operator : SJ/MA
Sample : I3521-16
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5C36

Manual Integrations
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6/15/2017 3:53:55 PM

Quant Time: Jun 15 04:49:44 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
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Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.981min (+0.004) 4.62ng/ul m

response 336455

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.71#
125.00	17.10	15.13
0.00	0.00	0.00

> SJ
06/21/17

Data File : BE093189.D

Acq On : 15 Jun 2017 3:07

Operator : SJ/MA

Sample : I3521-16

Misc :

ALS Vial : 26 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampled :

F5C36

Manual Integrations
APPROVEDmohammad
6/15/2017 3:53:55 PM

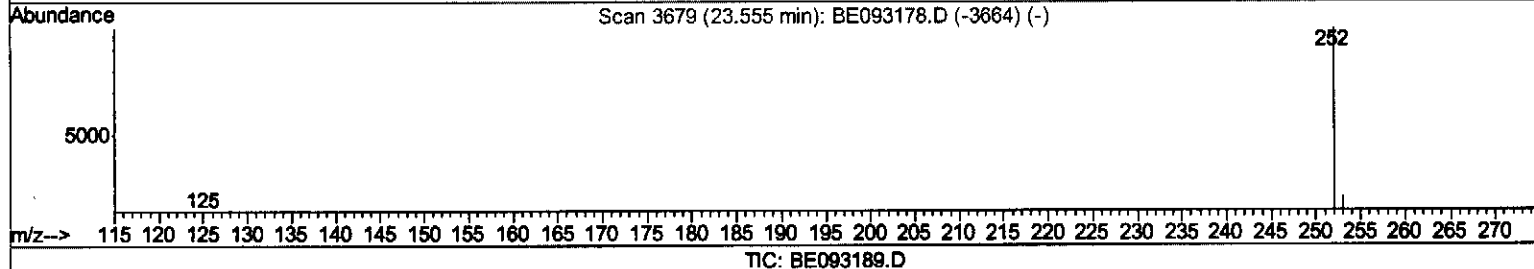
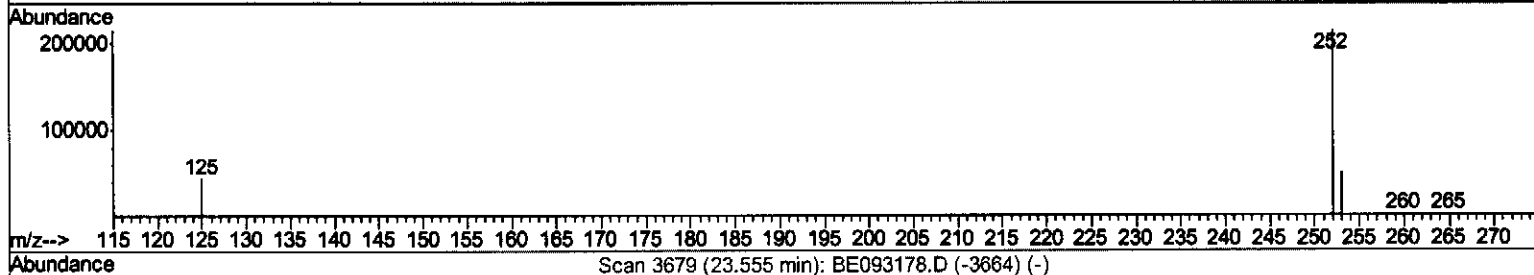
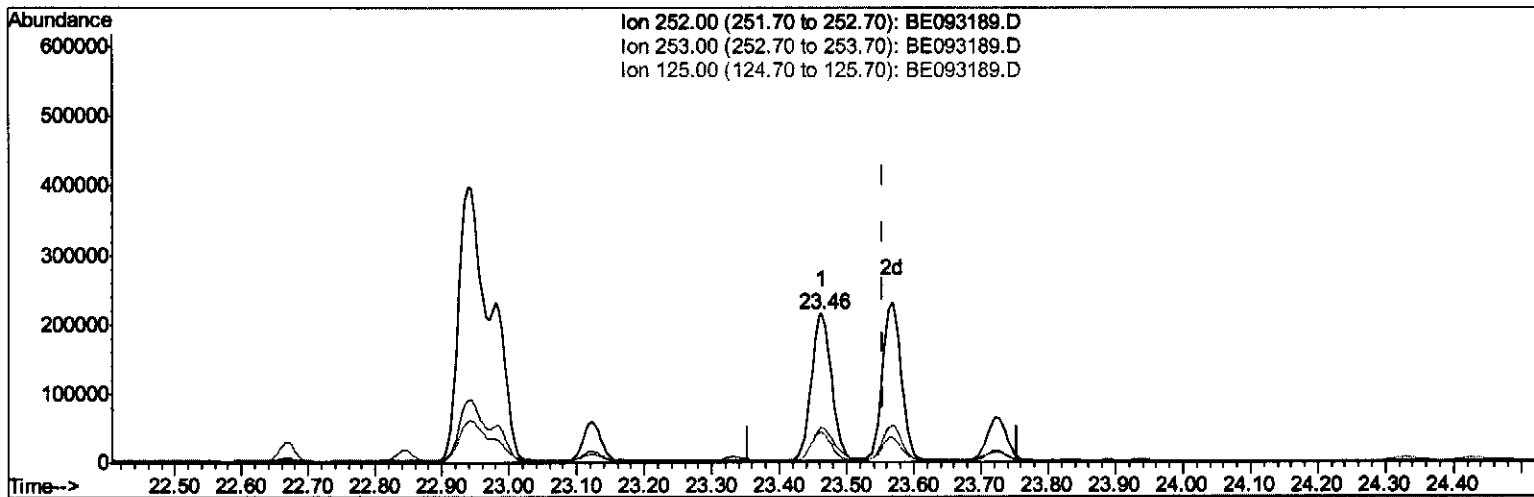
Quant Time: Jun 15 04:49:44 2017

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 15 03:59:13 2017

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(23) Benzo(a)pyrene (C)

23.463min (-0.091) 6.85ng/ul

response 444116

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	23.48#
125.00	22.60	20.50
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\

Quantitation Report (Qedit)

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Acq On : 15 Jun 2017 3:07

Operator : SJ/MA

Sample : I3521-16

Misc :

ALS Vial : 26 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampled :

F5C36

Manual Integrations

APPROVED

mohammad

6/15/2017 3:53:55 PM

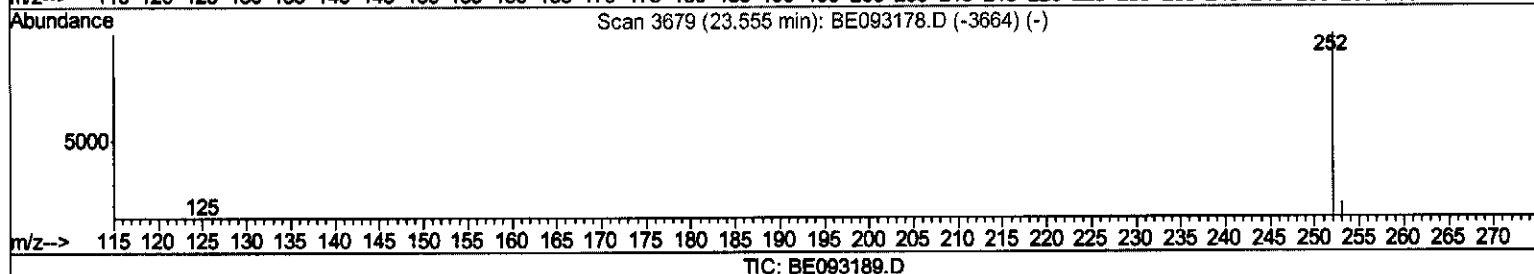
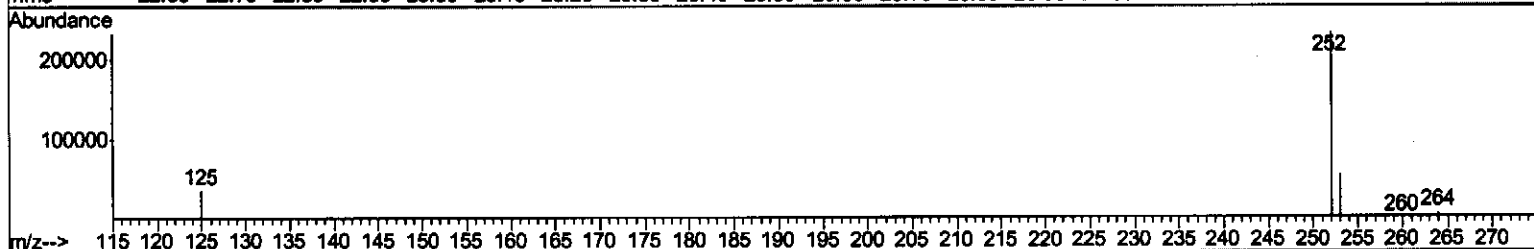
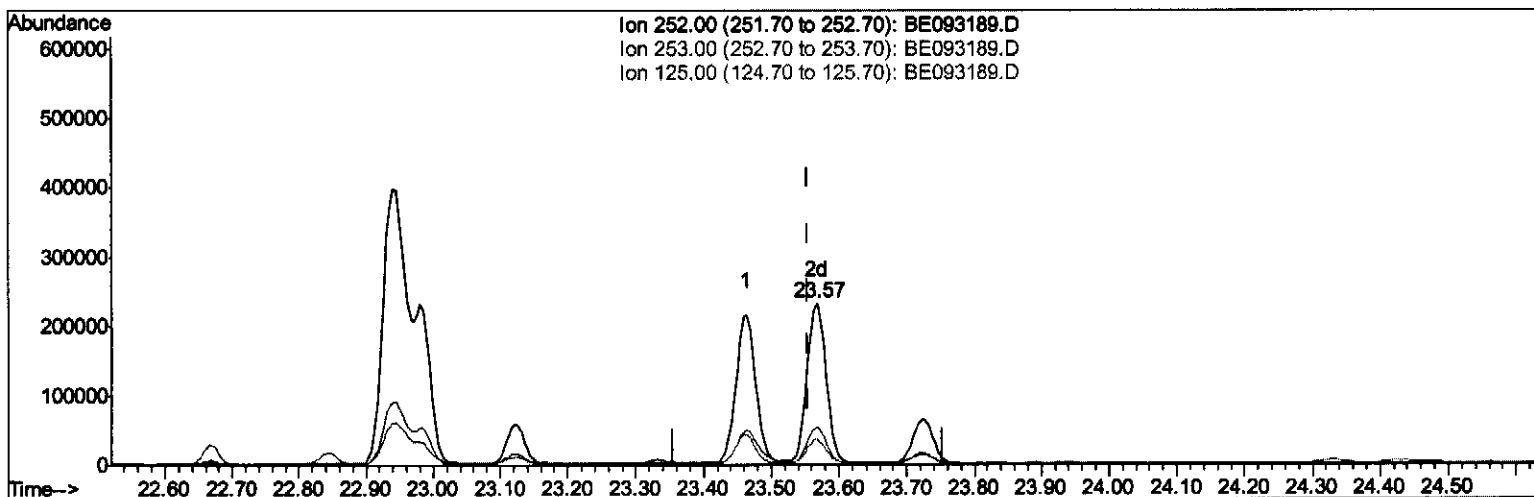
Quant Time: Jun 15 04:49:44 2017

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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(23) Benzo(a)pyrene (C)

23.568min (+0.013) 6.99ng/ul m

response 453412

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	23.40#
125.00	22.60	15.91#
0.00	0.00	0.00

> SS
06/21/17

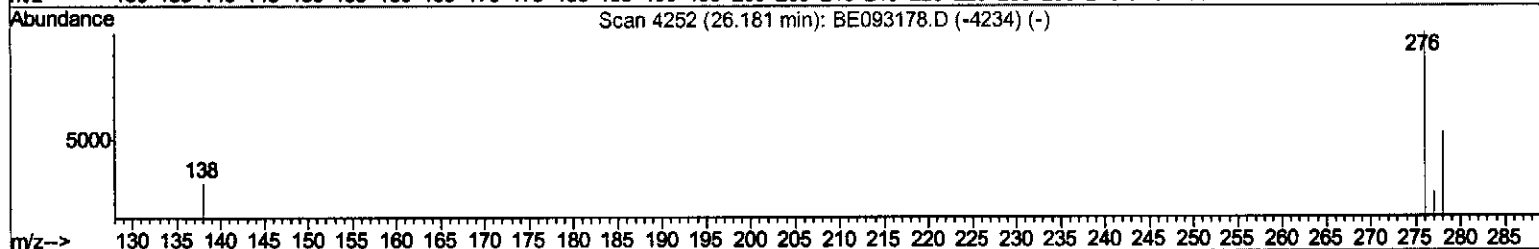
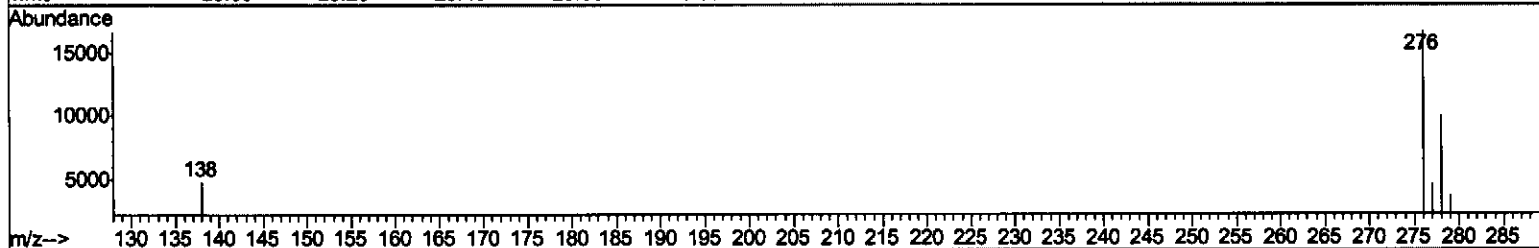
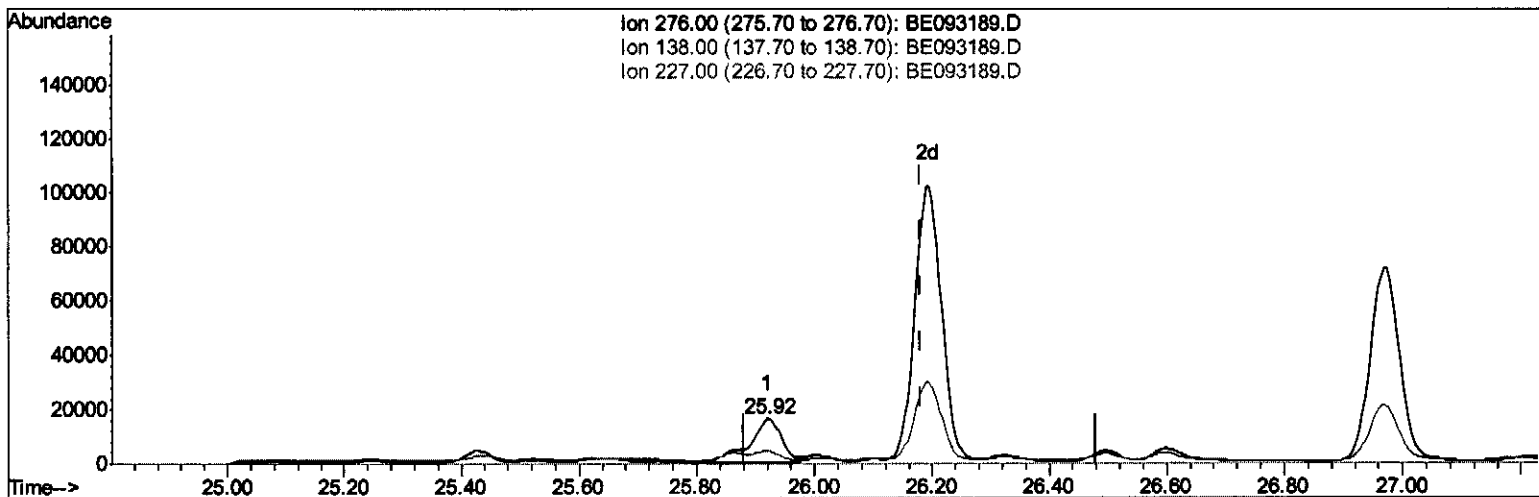
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Instrument :
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Manual Integrations
APPROVED

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TIC: BE093189.D

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

25.921min (-0.260) 0.80ng/ul

response 60175

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	16.50#
227.00	10.00	0.00#
0.00	0.00	0.00

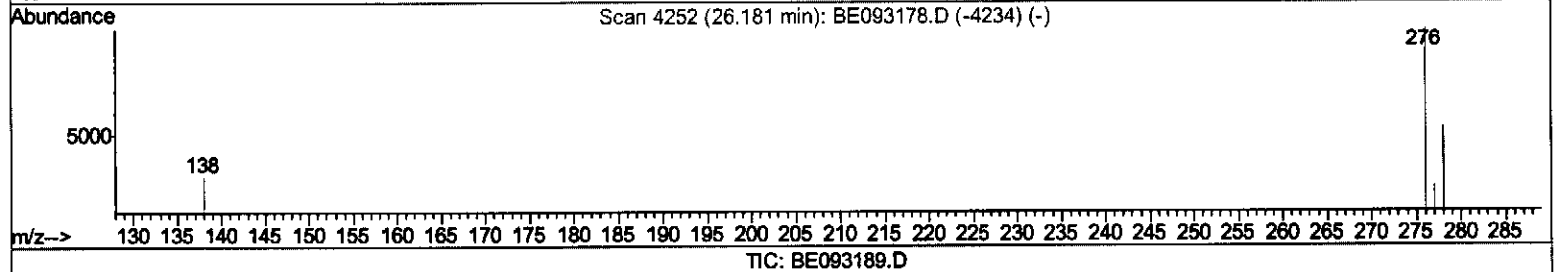
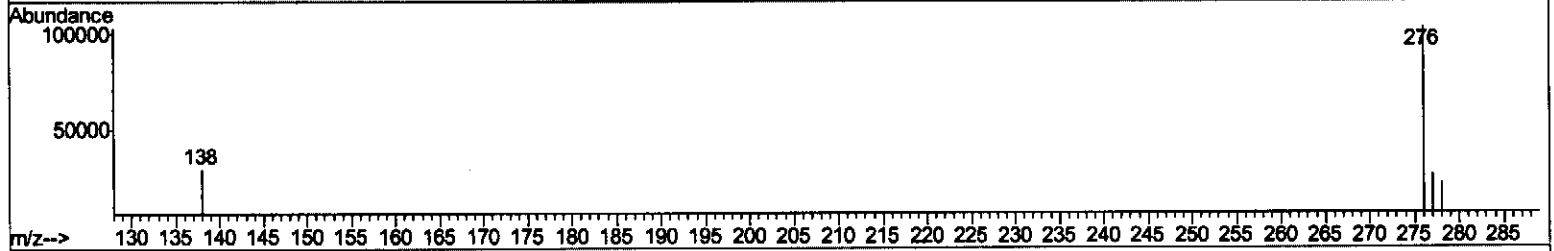
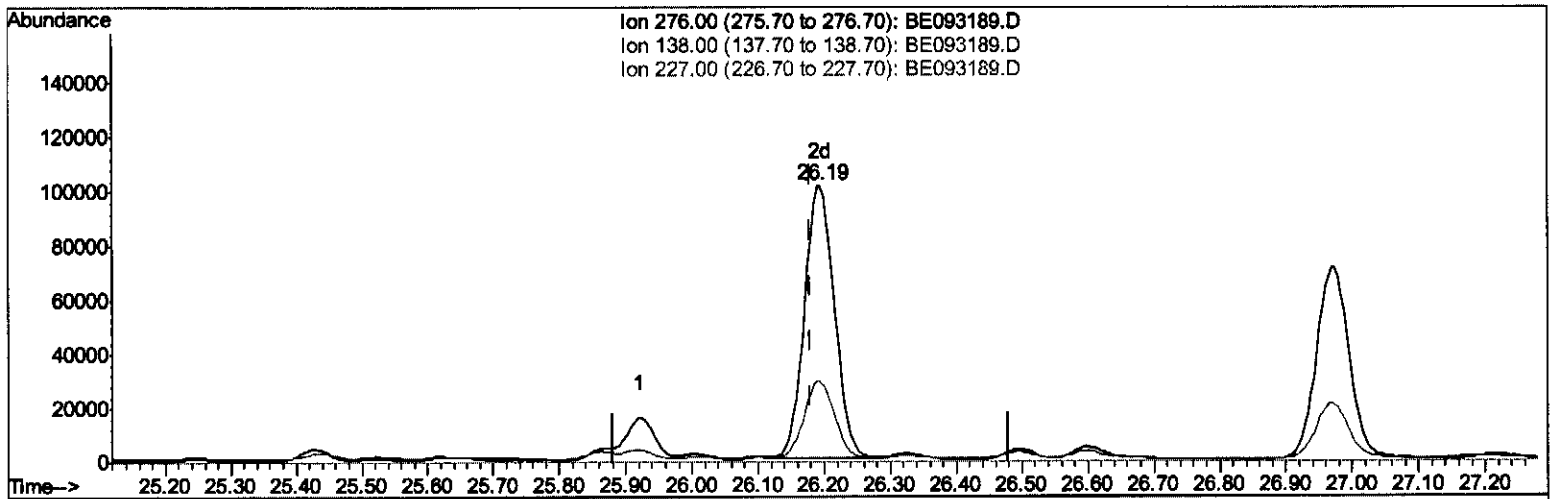
Data File : BE093189.D
Acq On : 15 Jun 2017 3:07
Operator : SJ/MA
Sample : I3521-16
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
F5C36

Manual Integrations
APPROVED

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6/15/2017 3:53:55 PM

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

26.195min (+0.014) 4.21ng/ul m

response 316435

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	3.14#
227.00	10.00	0.00#
0.00	0.00	0.00

> SJ
06/21/17

Data File : BE093189.D

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Operator : SJ/MA

Sample : I3521-16

Misc :

ALS Vial : 26 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5C36

Manual Integrations
APPROVEDmohammad
6/15/2017 3:53:55 PM

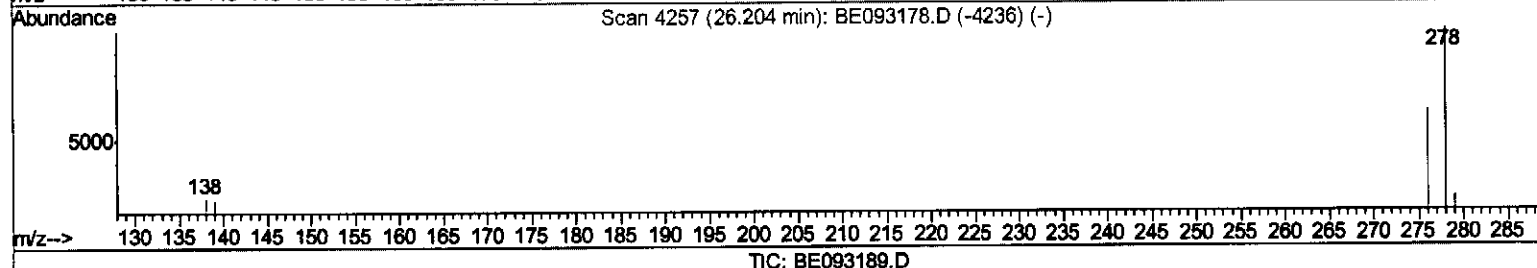
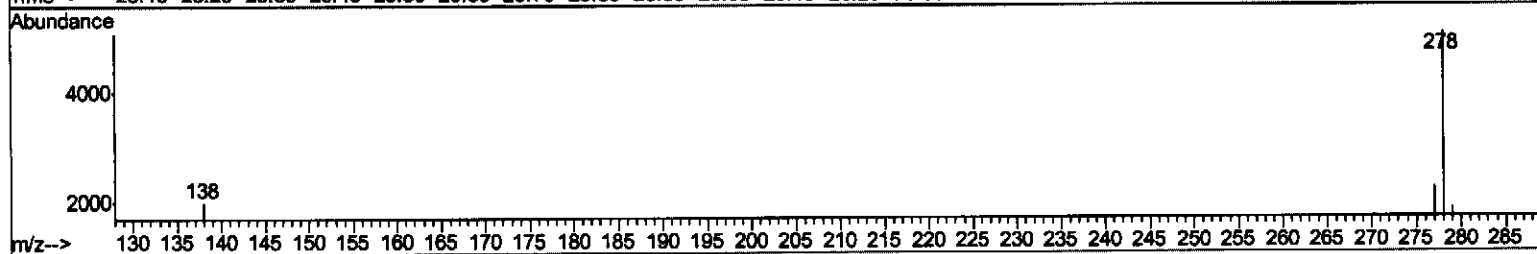
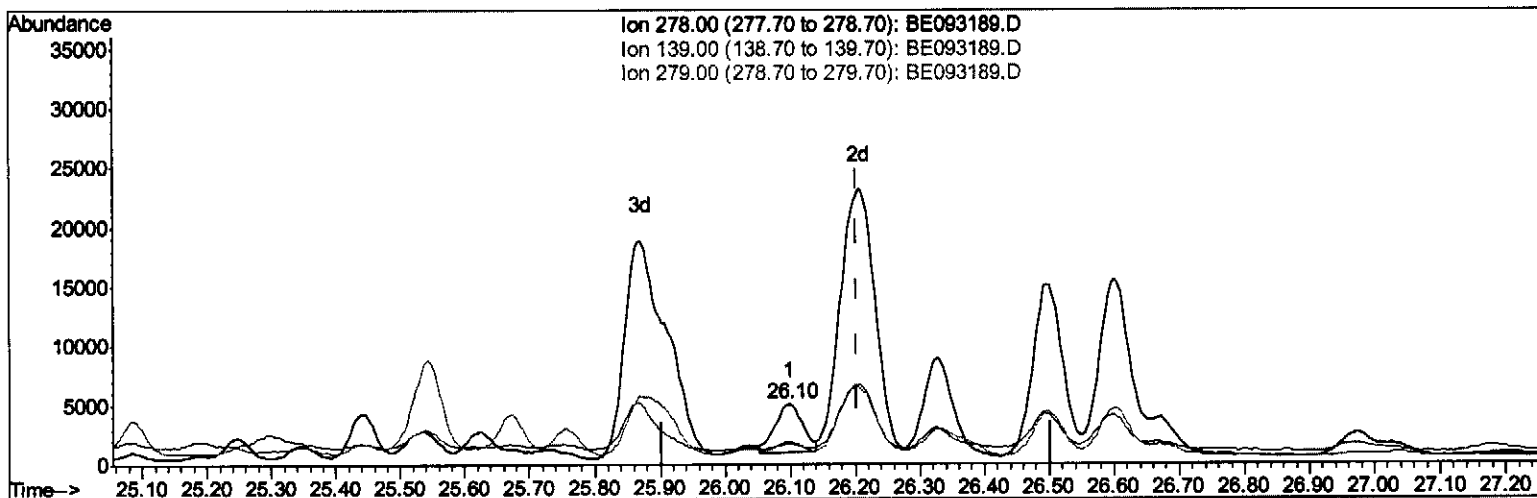
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(25) Dibenzo(a,h)anthracene

26.099min (-0.105) 0.19ng/ul

response 12011

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	33.47#
279.00	32.40	36.87
0.00	0.00	0.00

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Instrument :

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ClientSampleID :

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Manual Integrations
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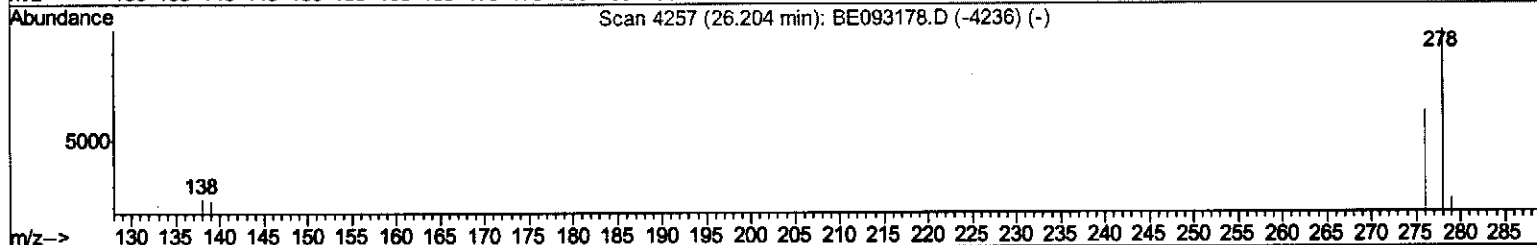
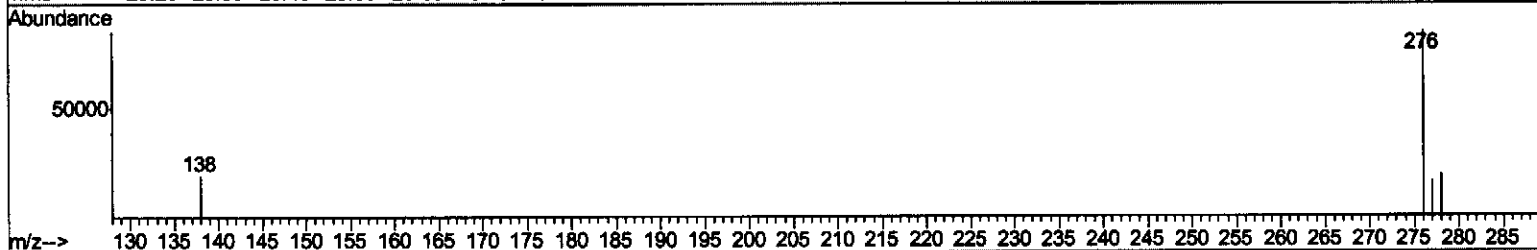
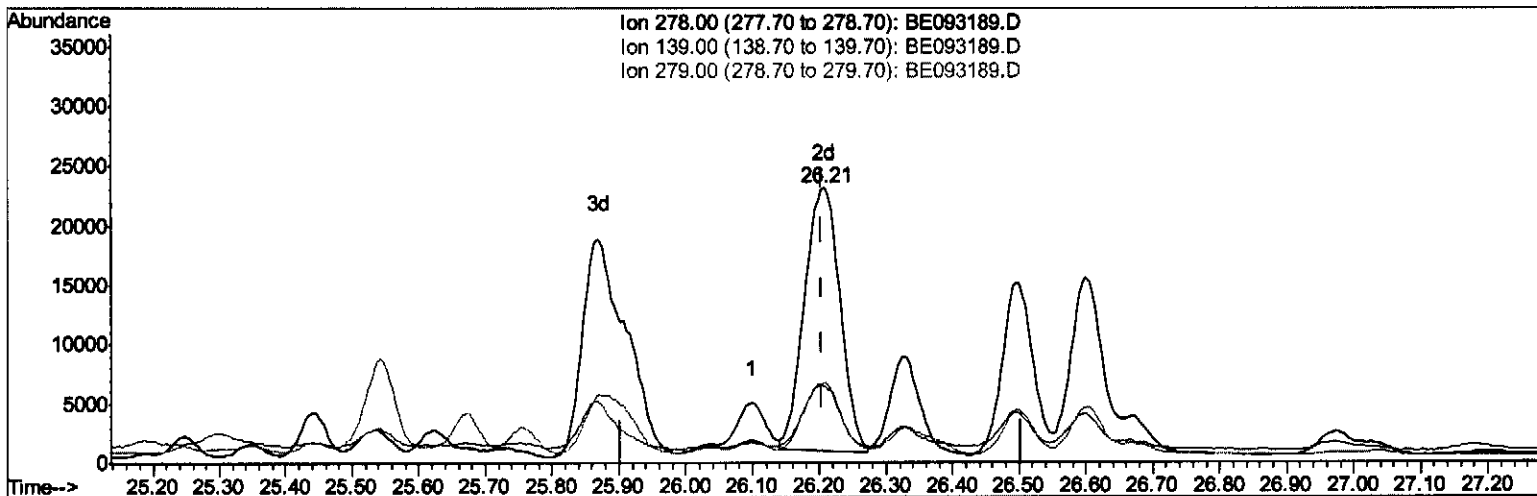
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TIC: BE093189.D

(25) Dibenzo(a,h)anthracene

26.208min (+0.005) 1.30ng/ul m

response 82271

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	28.93#
279.00	32.40	27.68
0.00	0.00	0.00

SJ
06/21/17

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	4137	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	21388	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	12986	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	31453	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	27483	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	22609m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.11	152	7194	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	17584	0.21	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.57	128	18222	0.34	ng/ul#	92
5) 2-Methylnaphthalene	12.19	142	4275	0.12	ng/ul	98
7) Acenaphthylene	14.08	152	73549	1.32	ng/ul	96
8) Acenaphthene	14.43	153	3847	0.09	ng/ul	97
9) Fluorene	15.42	166	3633	0.07	ng/ul#	87
12) Phenanthrene	17.14	178	240656m	2.78	ng/ul	
13) Anthracene	17.24	178	86108	1.14	ng/ul	96
15) Fluoranthene	19.16	202	1007884	9.50	ng/ul	84
17) Pyrene	19.52	202	1044342	12.89	ng/ul#	84
18) Benzo(a)anthracene	21.24	228	504479	6.88	ng/ul#	84
19) Chrysene	21.30	228	637553	8.38	ng/ul	98
21) Benzo(b)fluoranthene	22.94	252	998157	14.55	ng/ul	88
22) Benzo(k)fluoranthene	22.98	252	336455m	4.62	ng/ul	
23) Benzo(a)pyrene	23.57	252	453412m	6.99	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.19	276	316435m	4.21	ng/ul	
25) Dibenzo(a,h)anthracene	26.21	278	82271m	1.30	ng/ul	
26) Benzo(g,h,i)perylene	26.97	276	245871	3.82	ng/ul	96

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