

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

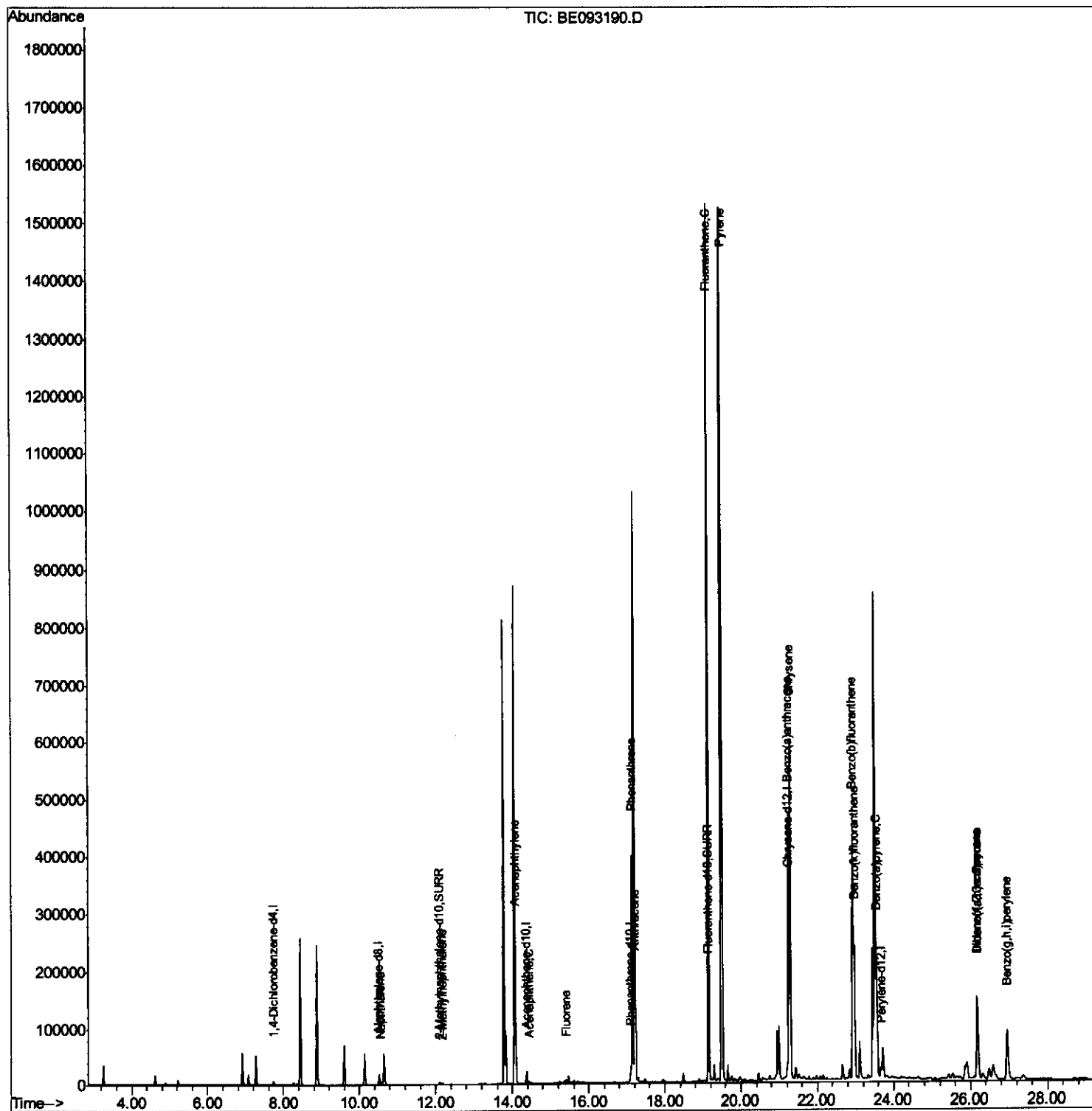
Data File : BE093190.D
Acq On : 15 Jun 2017 3:46
Operator : SJ/MA
Sample : I3521-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
F5C30

Manual Integrations
APPROVED

mohammad
6/15/2017 3:54:05 PM

Quant Time: Jun 15 04:56:10 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 : BE093190.D

Acq On : 15 Jun 2017 3:46

Operator : SJ/MA

Sample : I3521-03

Misc :

ALS Vial : 27 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampled :

F5C30

Manual Integrations
APPROVED

mohammad
6/15/2017 3:54:05 PM

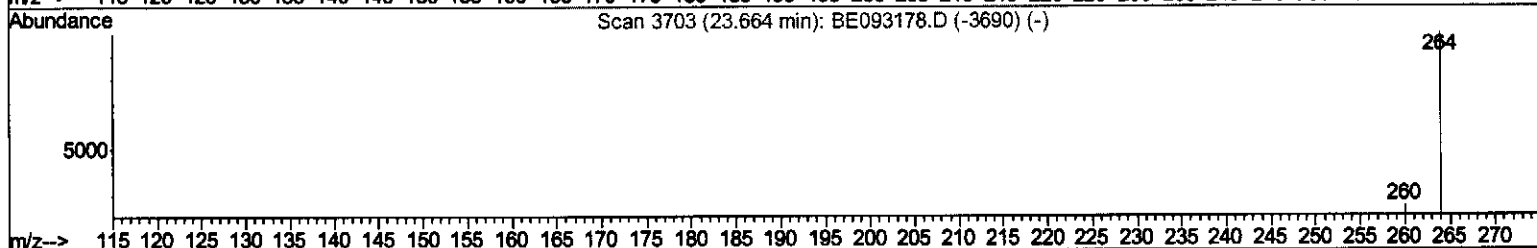
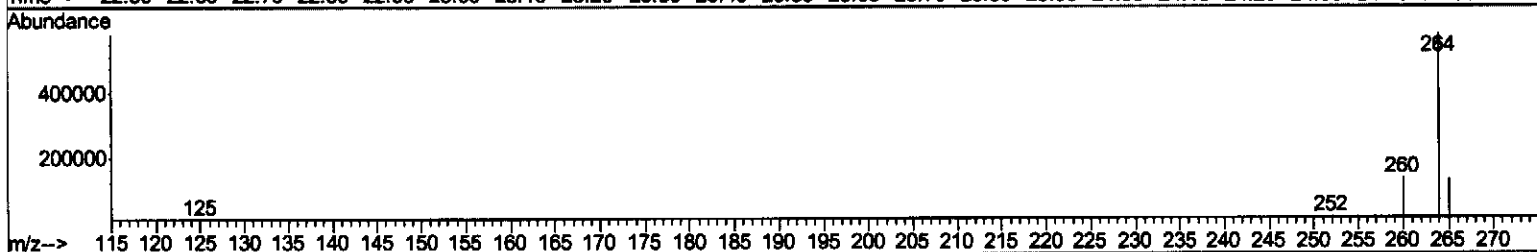
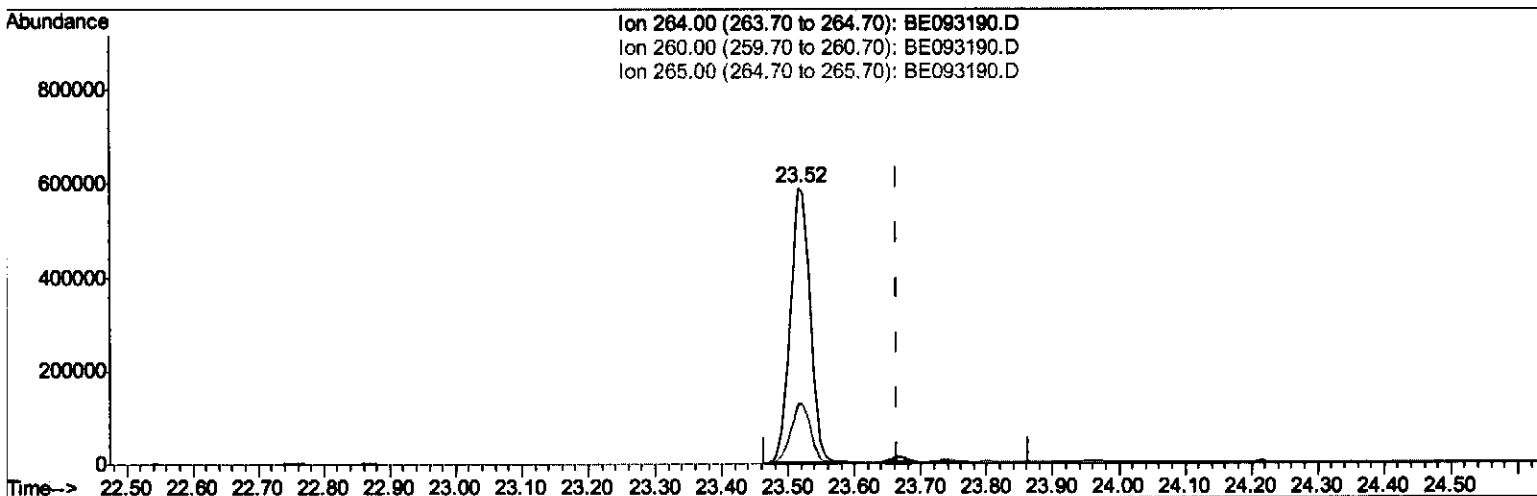
Quant Time: Jun 15 04:52:41 2017

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: BE093190.D

(20) Perylene-d12 (I)

23.517min (-0.147) 0.40ng/ul

response 1227936

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	22.22#
265.00	103.50	21.51#
0.00	0.00	0.00

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Quantitation Report (Qedit)

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Misc :

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Instrument :

BNA_E

ClientSampled :

F5C30

Manual Integrations

APPROVED

mohammad

6/15/2017 3:54:05 PM

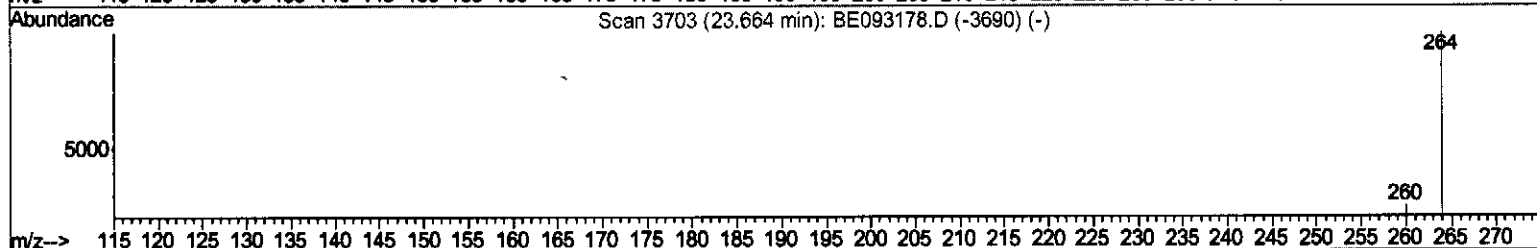
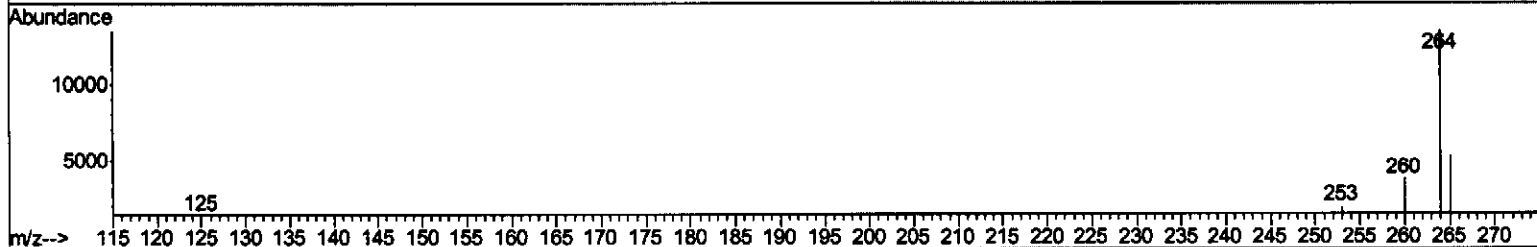
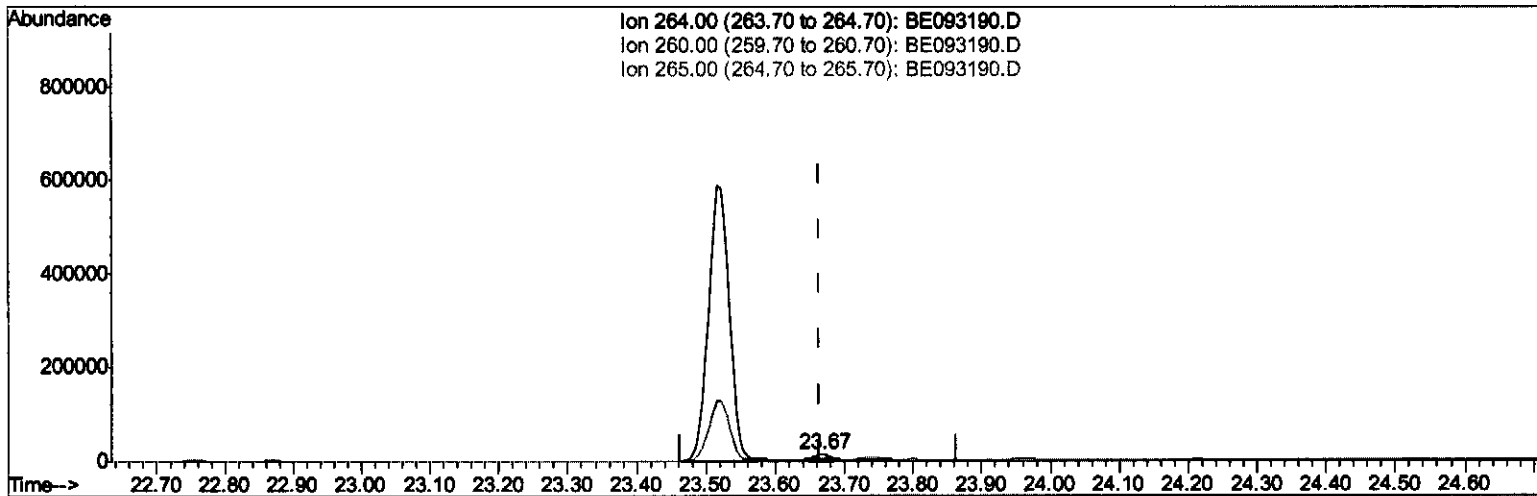
Quant Time: Jun 15 04:52:41 2017

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

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TIC: BE093190.D

(20) Perylene-d12 (I)

23.668min (+0.004) 0.40ng/ul m

response 22563

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	27.54
265.00	103.50	38.39#
0.00	0.00	0.00

SJ
06/21/17

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

Quantitation Report (Qedit)

Data File : BE093190.D

Acq On : 15 Jun 2017 3:46

Operator : SJ/MA

Sample : I3521-03

Misc :

ALS Vial : 27 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampled :

F5C30

Manual Integrations
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6/15/2017 3:54:05 PM

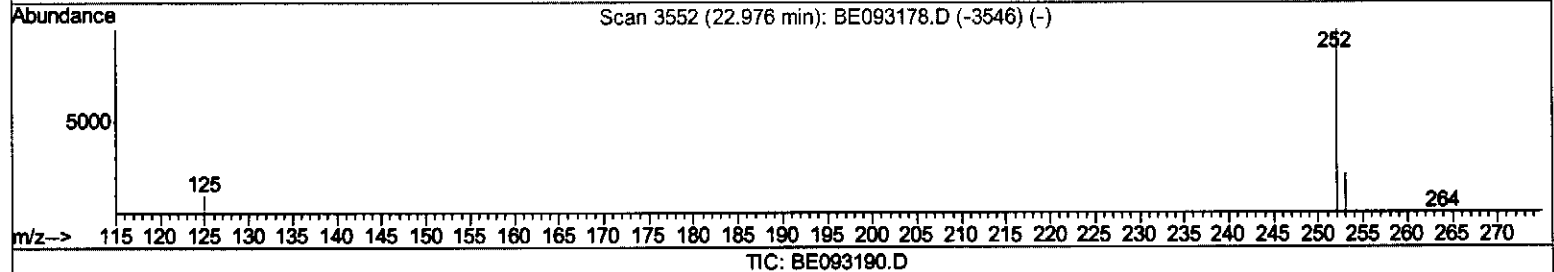
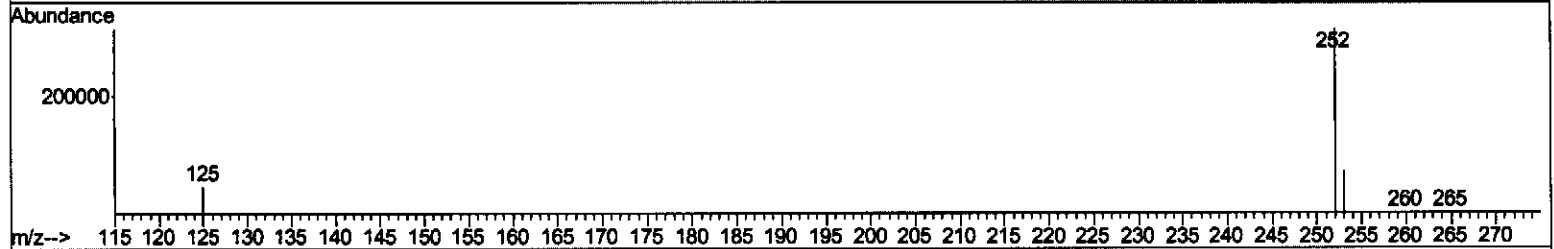
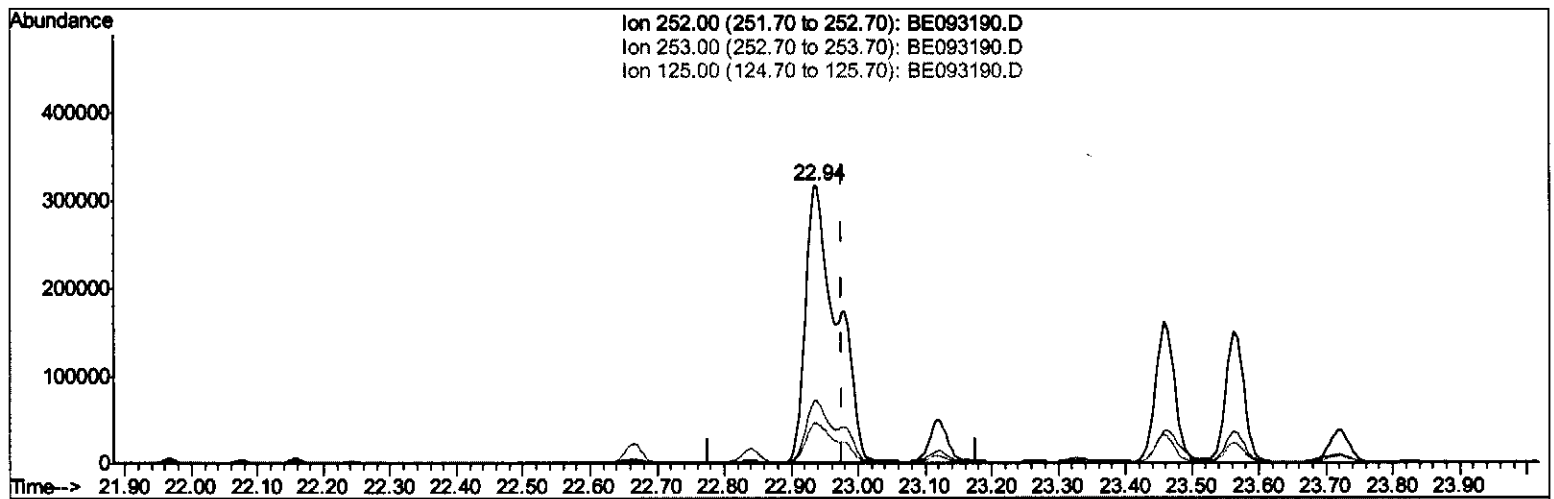
Quant Time: Jun 15 04:54:59 2017

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(22) Benzo(k)fluoranthene

22.939min (-0.037) 14.03ng/ul

response 1020446

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	22.74#
125.00	17.10	14.56
0.00	0.00	0.00

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Quantitation Report (Qedit)

Data File : BE093190.D

Acq On : 15 Jun 2017 3:46

Operator : SJ/MA

Sample : I3521-03

Misc :

ALS Vial : 27 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleID :

F5C30

Manual Integrations
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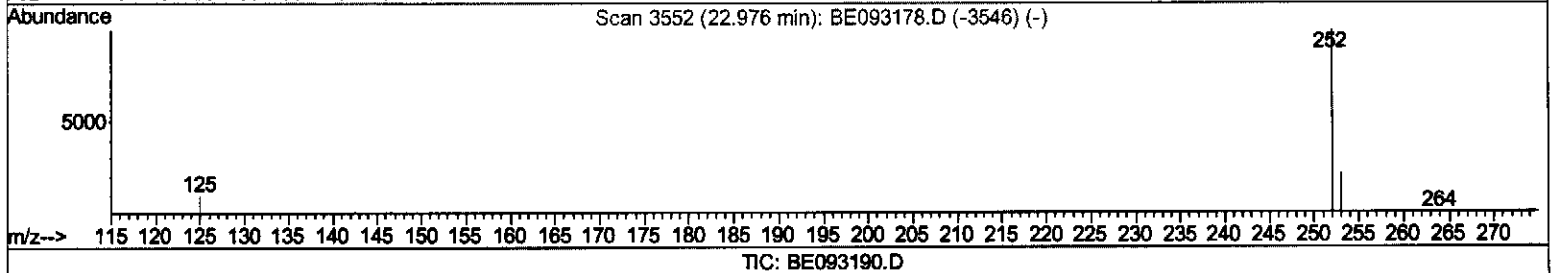
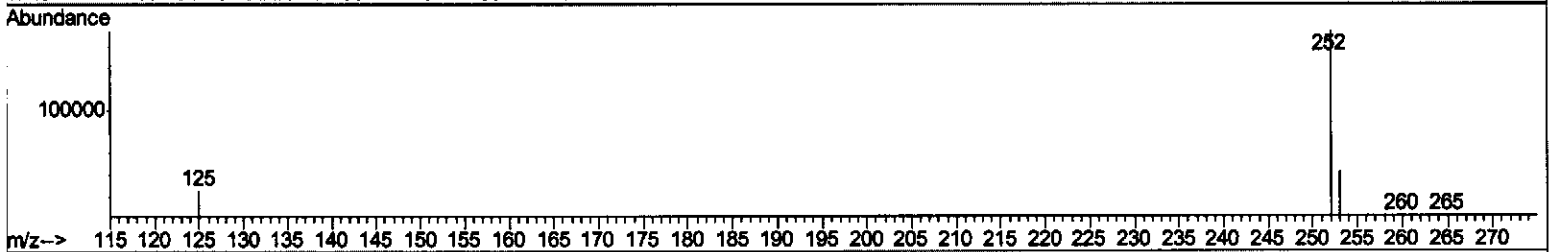
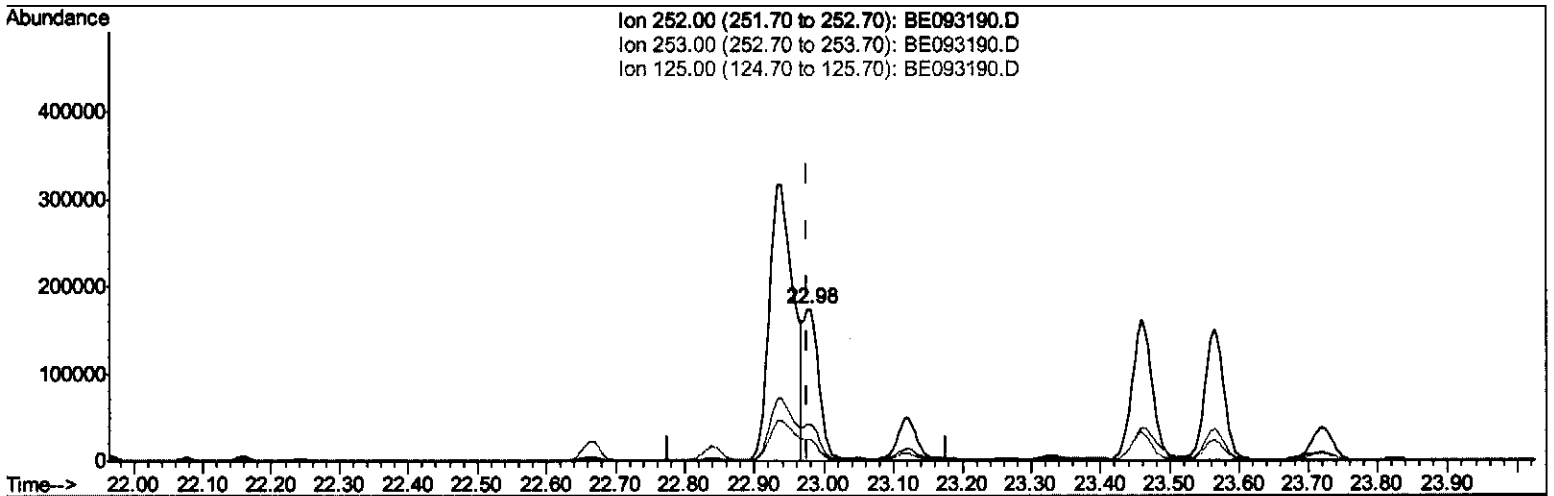
Quant Time: Jun 15 04:54:59 2017

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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

22.980min (+0.004) 3.74ng/ul m

response 271792

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	24.15#
125.00	17.10	14.02
0.00	0.00	0.00

> SJ
06/21/17

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

Quantitation Report (Qedit)

Data File : BE093190.D

Acq On : 15 Jun 2017 3:46

Operator : SJ/MA

Sample : I3521-03

Misc :

ALS Vial : 27 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampled :

F5C30

Manual Integrations

APPROVED

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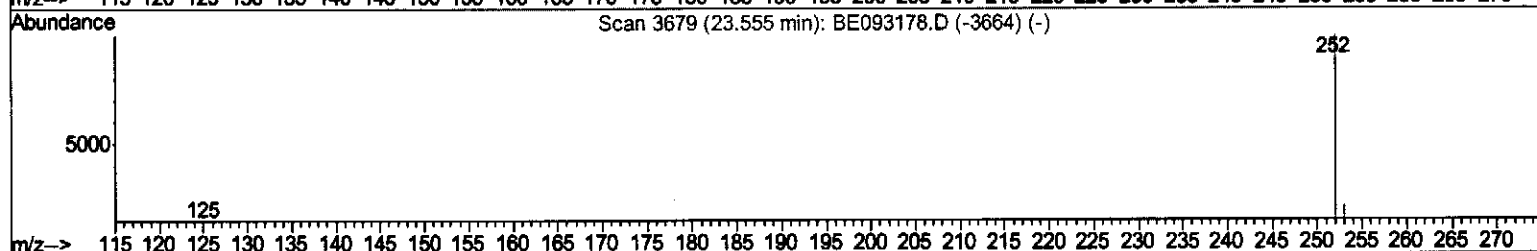
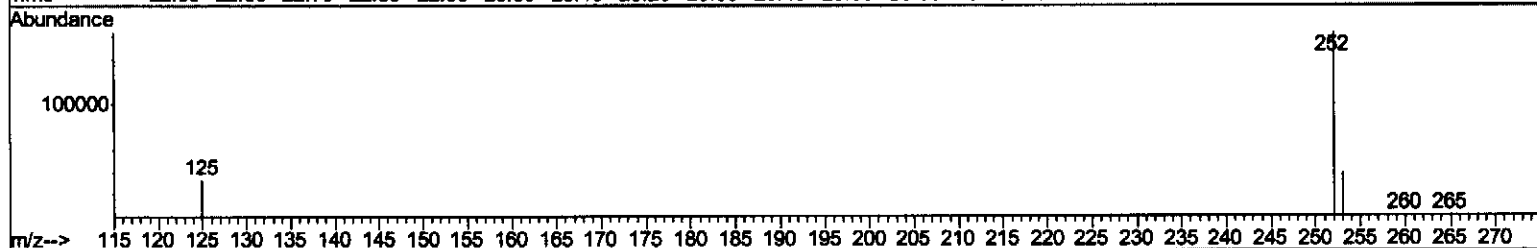
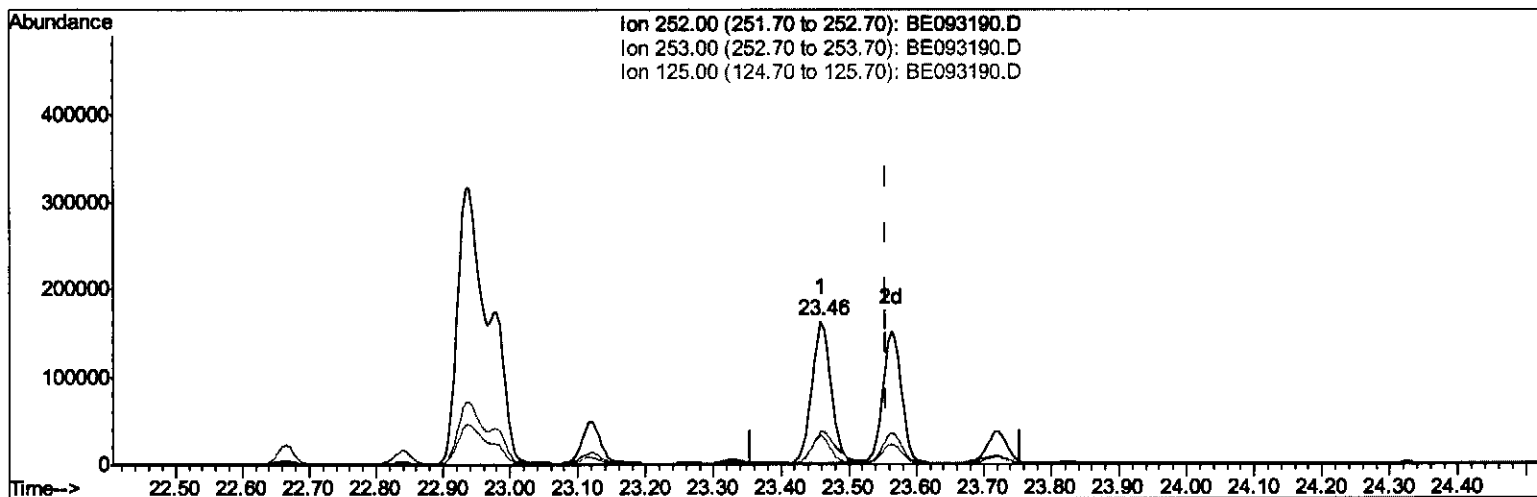
Quant Time: Jun 15 04:54:59 2017

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



(23) Benzo(a)pyrene (C)

23.458min (-0.096) 5.02ng/ul

response 325306

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	23.33#
125.00	22.60	20.13
0.00	0.00	0.00

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Quantitation Report (Qedit)

Data File : BE093190.D

Acq On : 15 Jun 2017 3:46

Operator : SJ/MA

Sample : I3521-03

Misc :

ALS Vial : 27 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampled :

F5C30

Manual Integrations
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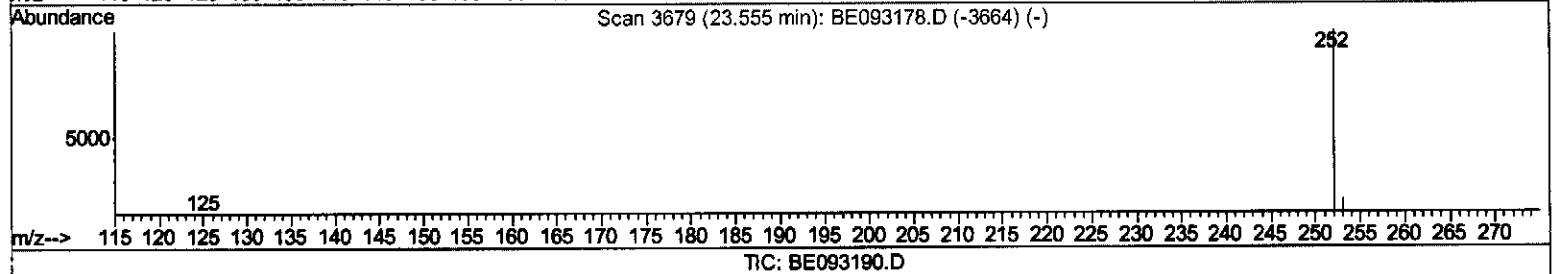
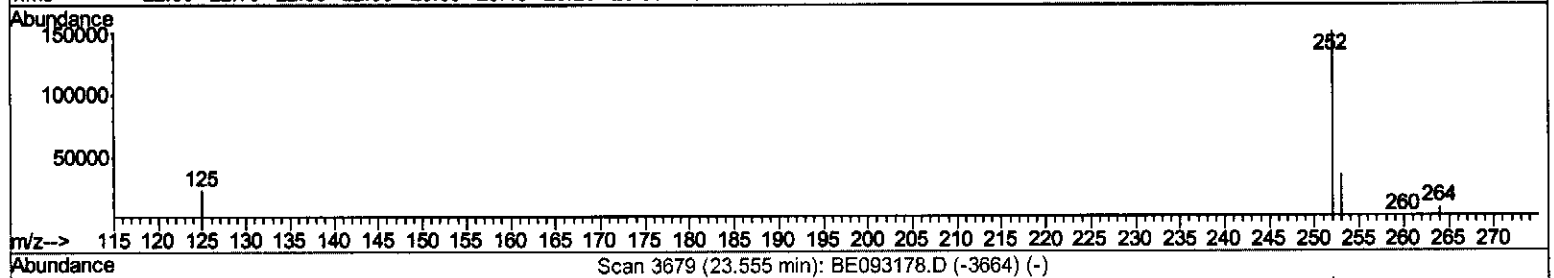
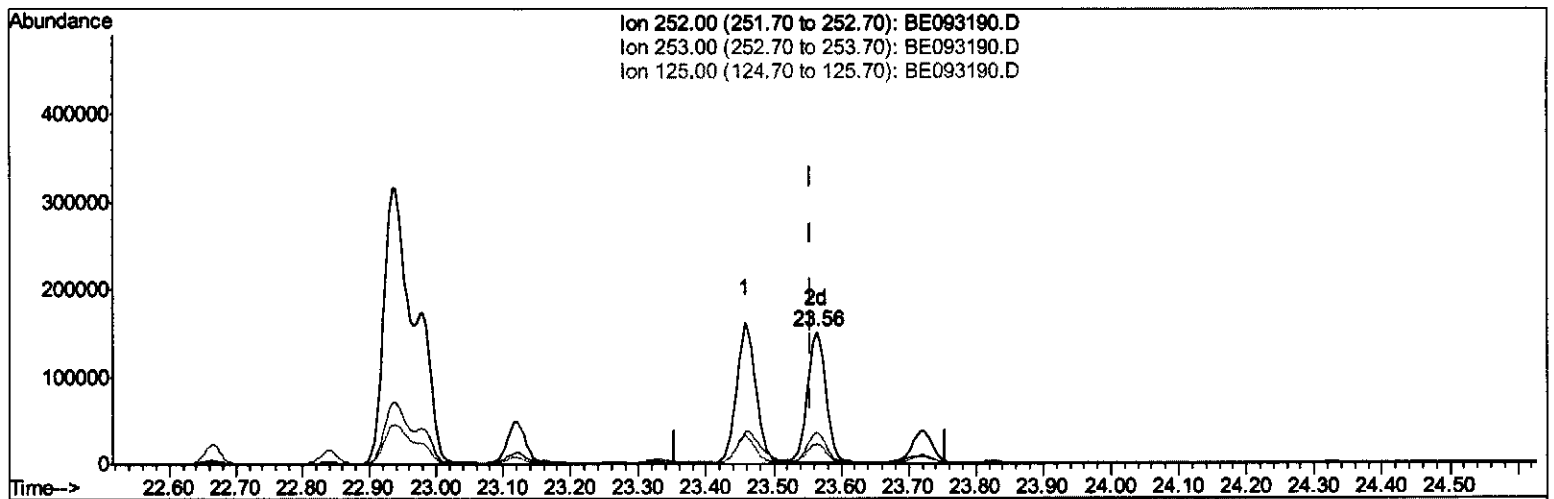
Quant Time: Jun 15 04:54:59 2017

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



(23) Benzo(a)pyrene (C)

23.563min (+0.008) 4.48ng/ul m

response 289979

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	23.68#
125.00	22.60	15.59#
0.00	0.00	0.00

SJ
06/21/17

Data File : BE093190.D

Acq On : 15 Jun 2017 3:46

Operator : SJ/MA

Sample : I3521-03

Misc :

ALS Vial : 27 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampled :

F5C30

Manual Integrations
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6/15/2017 3:54:05 PM

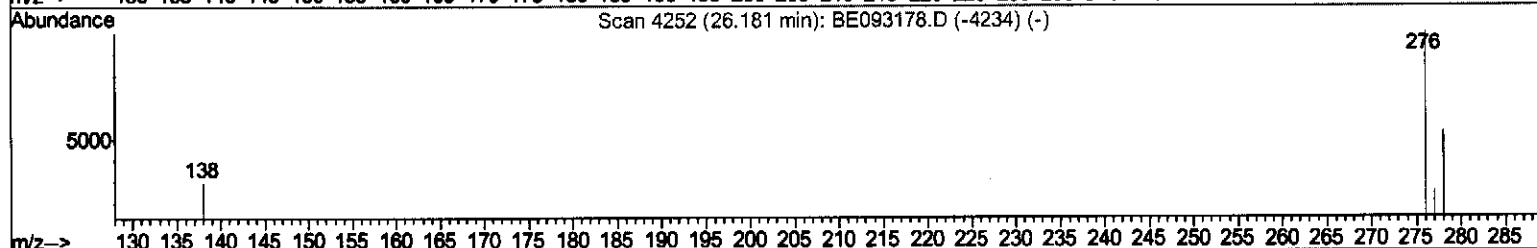
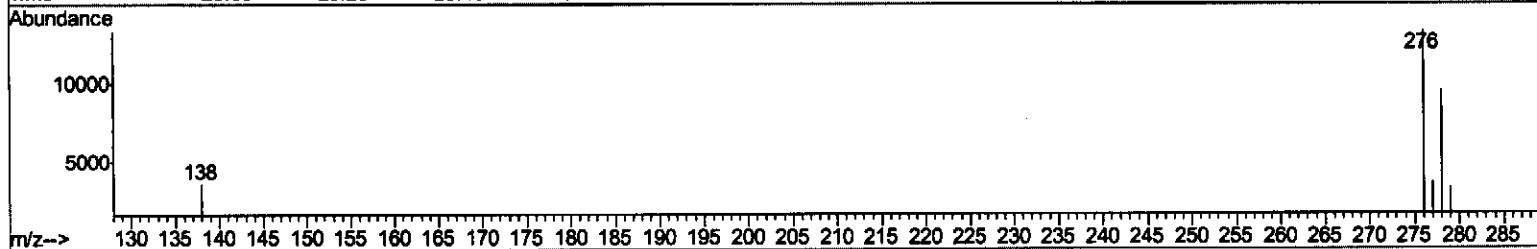
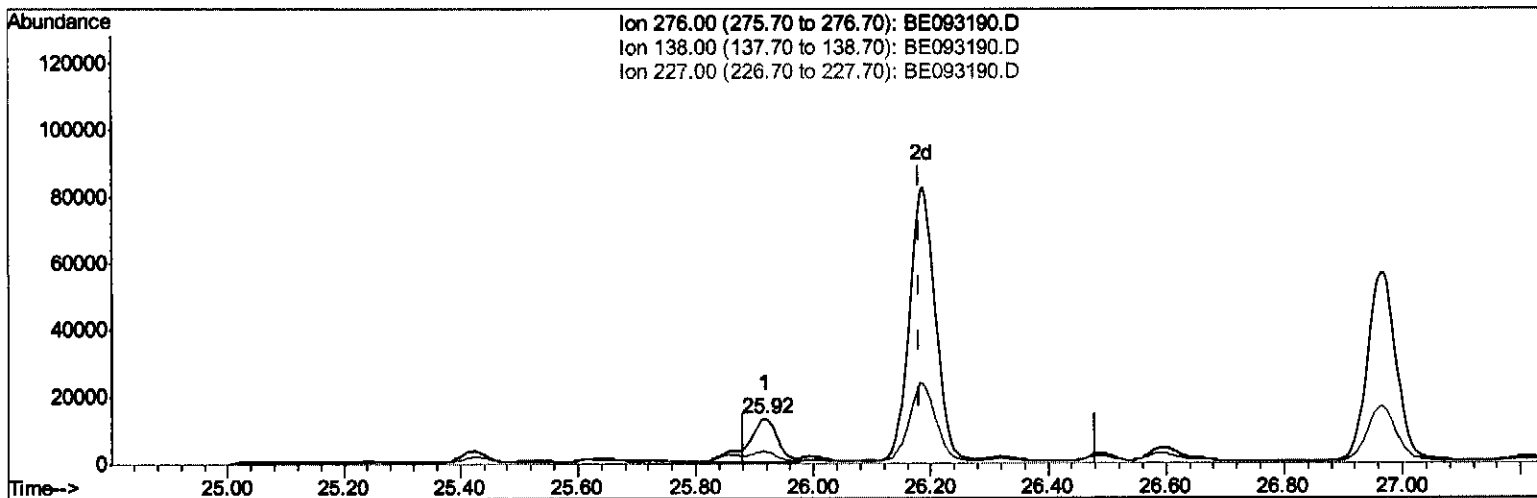
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TIC: BE093190.D

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

25.917min (-0.264) 0.64ng/ul

response 47632

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	17.74#
227.00	10.00	0.00#
0.00	0.00	0.00

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Quantitation Report (Qedit)

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Acq On : 15 Jun 2017 3:46

Operator : SJ/MA

Sample : I3521-03

Misc :

ALS Vial : 27 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampled :

F5C30

Manual Integrations
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6/15/2017 3:54:05 PM

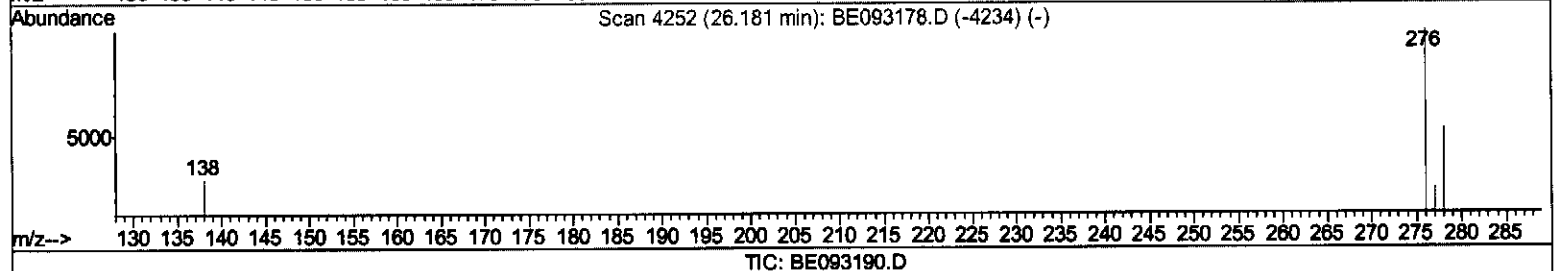
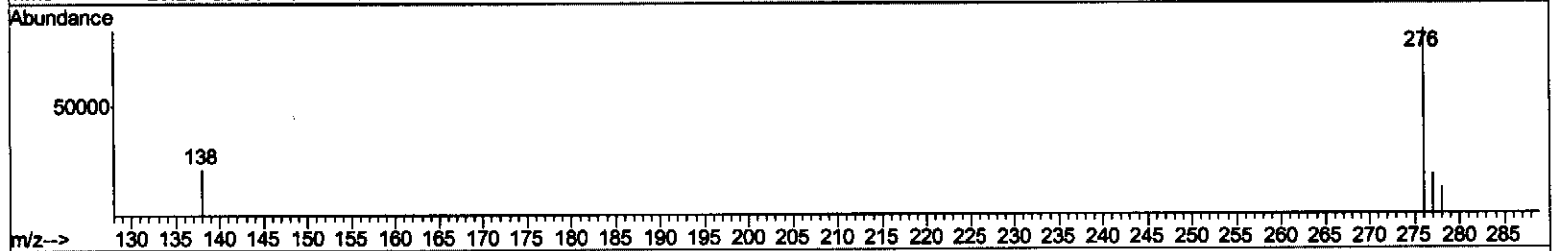
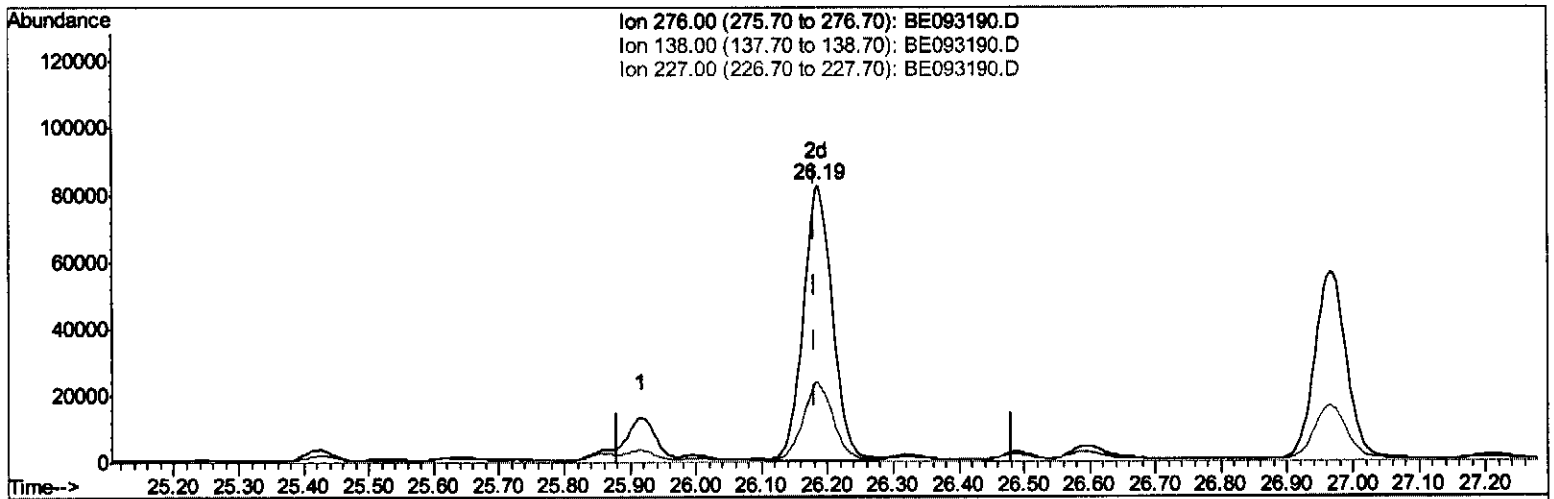
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TIC: BE093190.D

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

26.186min (+0.005) 3.37ng/ul m

response 252384

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	3.35#
227.00	10.00	0.00#
0.00	0.00	0.00

> $\frac{53}{06/21/17}$

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

Quantitation Report (Qedit)

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Operator : SJ/MA

Sample : I3521-03

Misc :

ALS Vial : 27 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5C30

Manual Integrations
APPROVED

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6/15/2017 3:54:05 PM

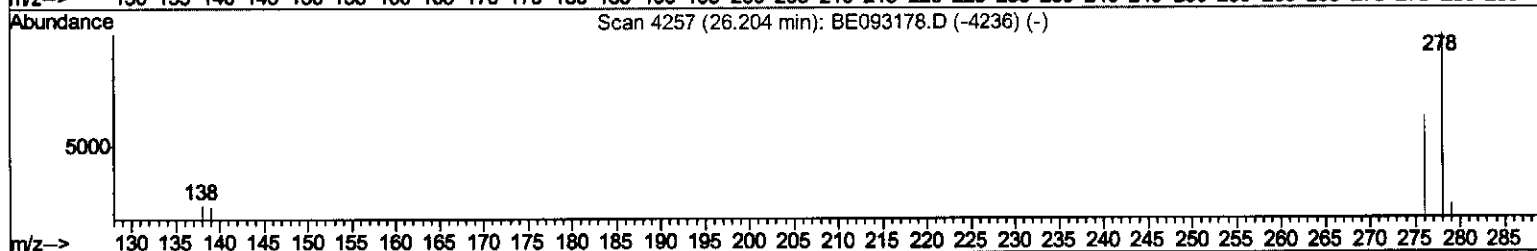
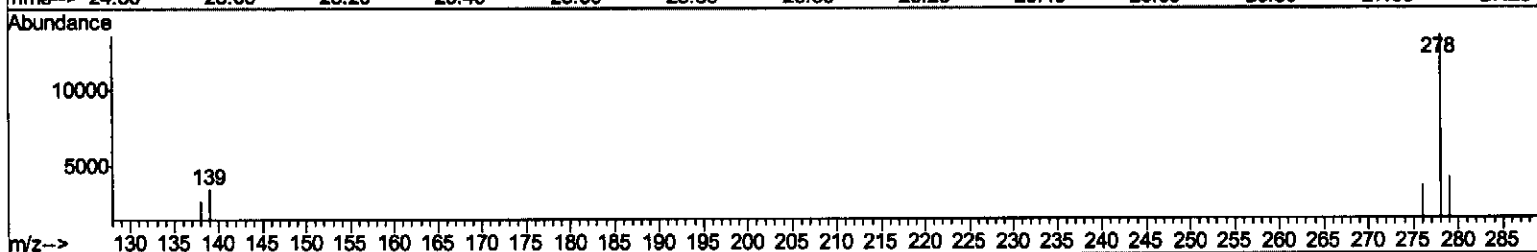
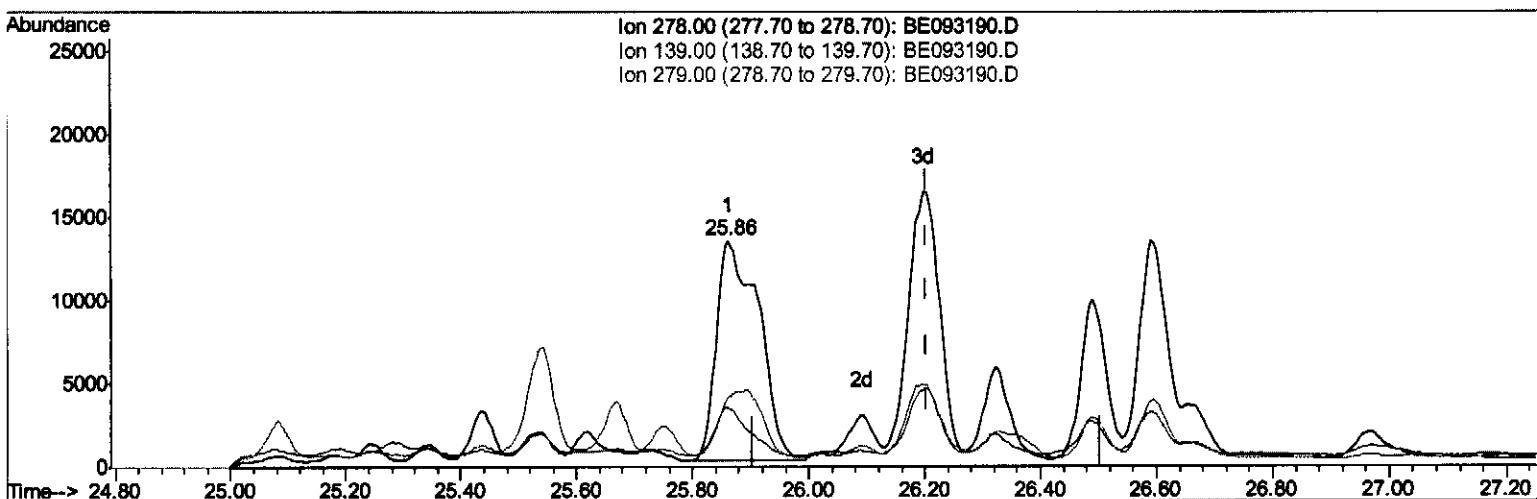
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TIC: BE093190.D

(25) Dibenzo(a,h)anthracene

25.862min (-0.341) 1.06ng/ul

response 66727

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	25.74
279.00	32.40	30.66
0.00	0.00	0.00

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

Quantitation Report (Qedit)

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Operator : SJ/MA

Sample : I3521-03

Misc :

ALS Vial : 27 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampled :

F5C30

Manual Integrations
APPROVED

mohammad

6/15/2017 3:54:05 PM

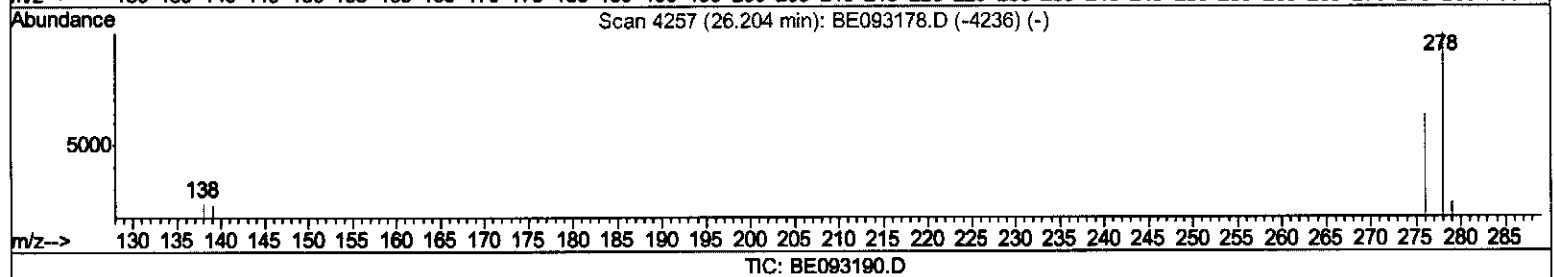
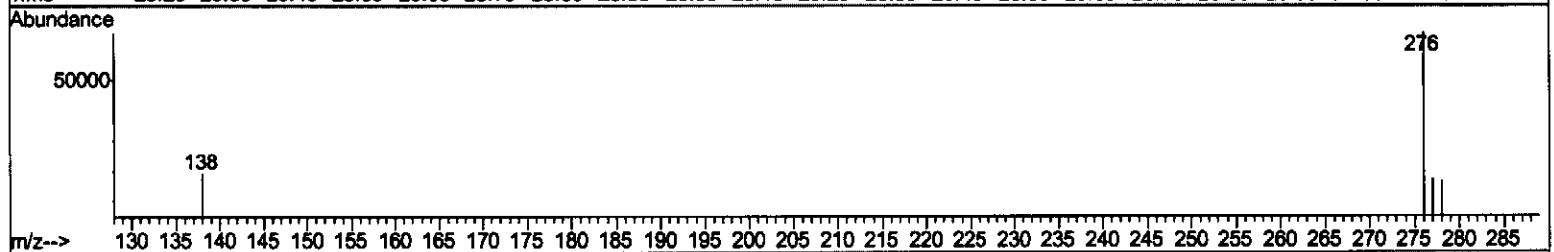
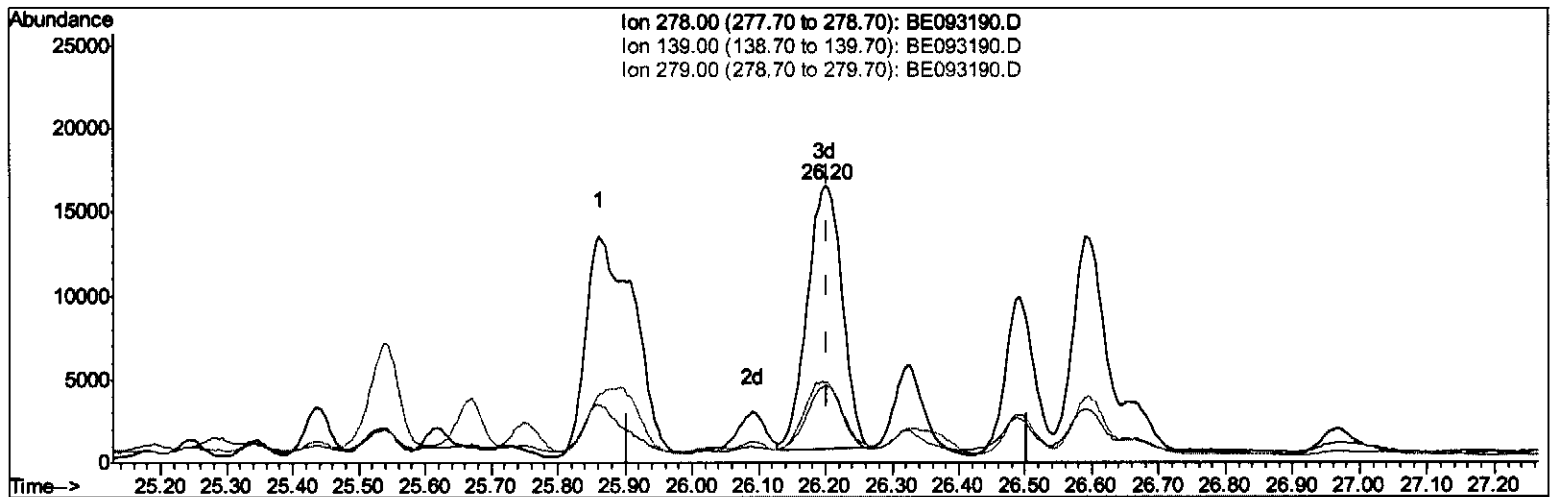
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QLast Update : Thu Jun 15 03:59:13 2017

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(25) Dibenzo(a,h)anthracene

26.200min (-0.004) 0.91ng/ul m

response 57301

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	28.12#
279.00	32.40	29.23
0.00	0.00	0.00

> $\frac{53}{06/21/17}$

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	3607	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	19064	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	11906	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	27808	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	27465	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	22563m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.11	152	6534	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	17979	0.24	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.57	128	8500	0.18	ng/ul#	93
5) 2-Methylnaphthalene	12.18	142	2133	0.07	ng/ul	99
7) Acenaphthylene	14.09	152	99812	1.95	ng/ul	96
8) Acenaphthene	14.43	153	3039	0.07	ng/ul	95
9) Fluorene	15.42	166	4384	0.09	ng/ul	90
12) Phenanthrene	17.14	178	443592	5.80	ng/ul#	84
13) Anthracene	17.22	178	150539	2.26	ng/ul#	86
15) Fluoranthene	19.16	202	1665659	17.75	ng/ul	83
17) Pyrene	19.52	202	1330673	16.43	ng/ul#	86
18) Benzo(a)anthracene	21.24	228	371419	5.07	ng/ul#	83
19) Chrysene	21.30	228	633336	8.33	ng/ul	99
21) Benzo(b)fluoranthene	22.94	252	754376	11.02	ng/ul	87
22) Benzo(k)fluoranthene	22.98	252	271792m	3.74	ng/ul	
23) Benzo(a)pyrene	23.56	252	289979m	4.48	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.19	276	252384m	3.37	ng/ul	
25) Dibenzo(a,h)anthracene	26.20	278	57301m	0.91	ng/ul	
26) Benzo(g,h,i)perylene	26.97	276	189830	2.95	ng/ul	96

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

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