

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

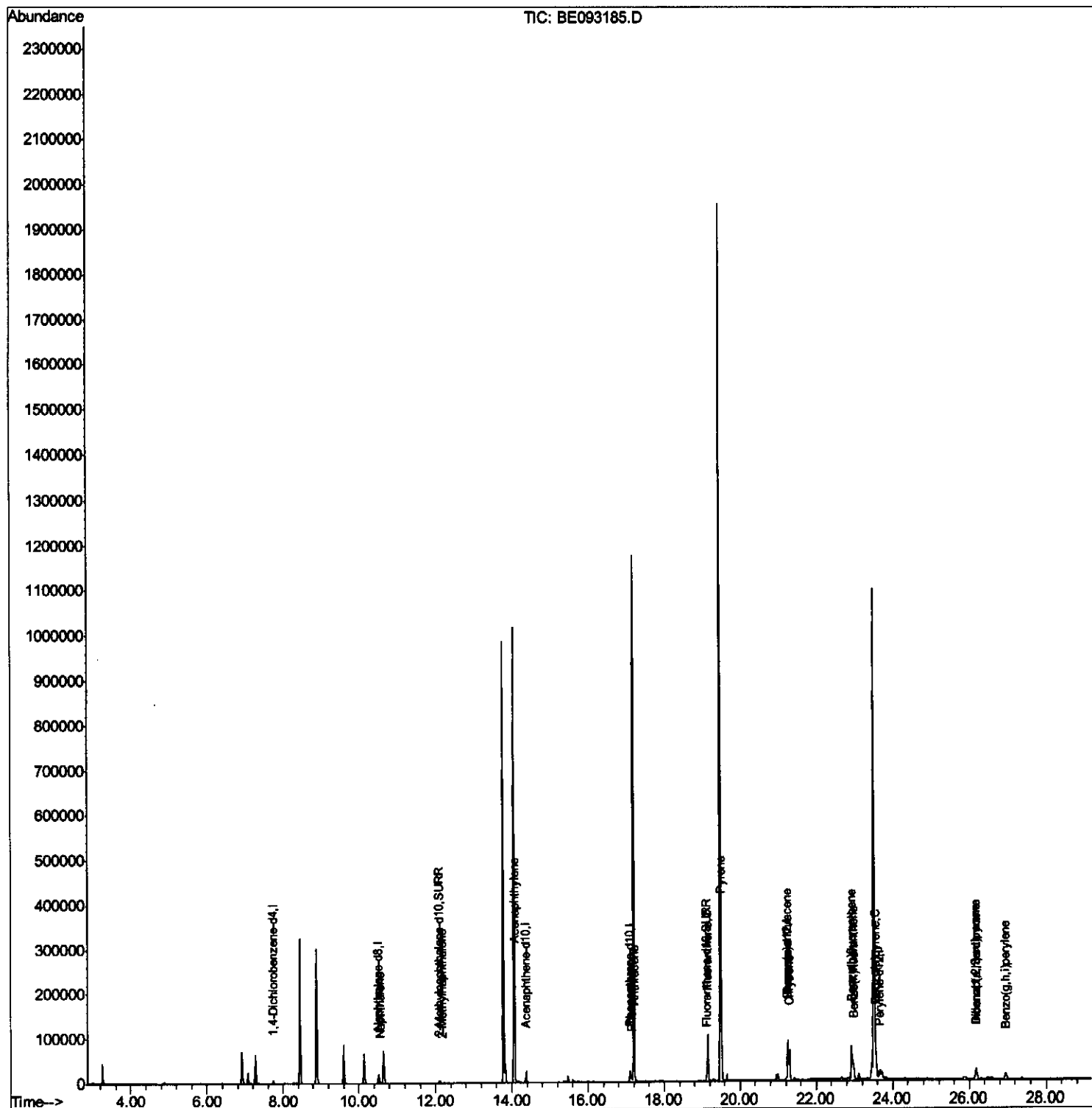
Data File : BE093185.D
Acq On : 15 Jun 2017 00:41
Operator : SJ/MA
Sample : I3521-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5C06

Manual Integrations
APPROVED

mohammad
6/15/2017 3:53:46 PM

Quant Time: Jun 19 04:37:26 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 : BE093185.D

Acq On : 15 Jun 2017 00:41

Operator : SJ/MA

Sample : I3521-14

Misc :

ALS Vial : 22 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampled :

F5C06

Manual Integrations

APPROVED

mohammad

6/15/2017 3:53:46 PM

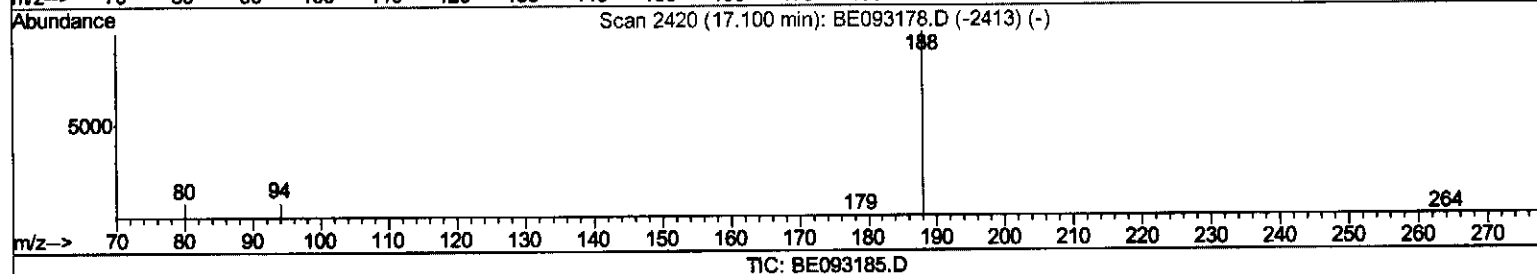
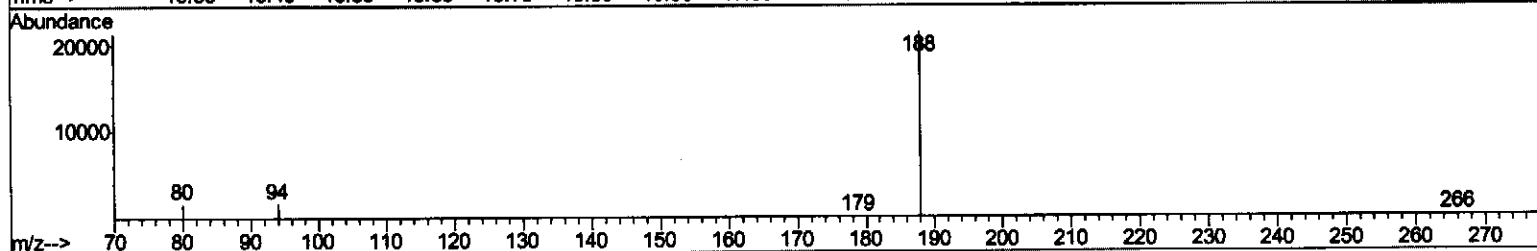
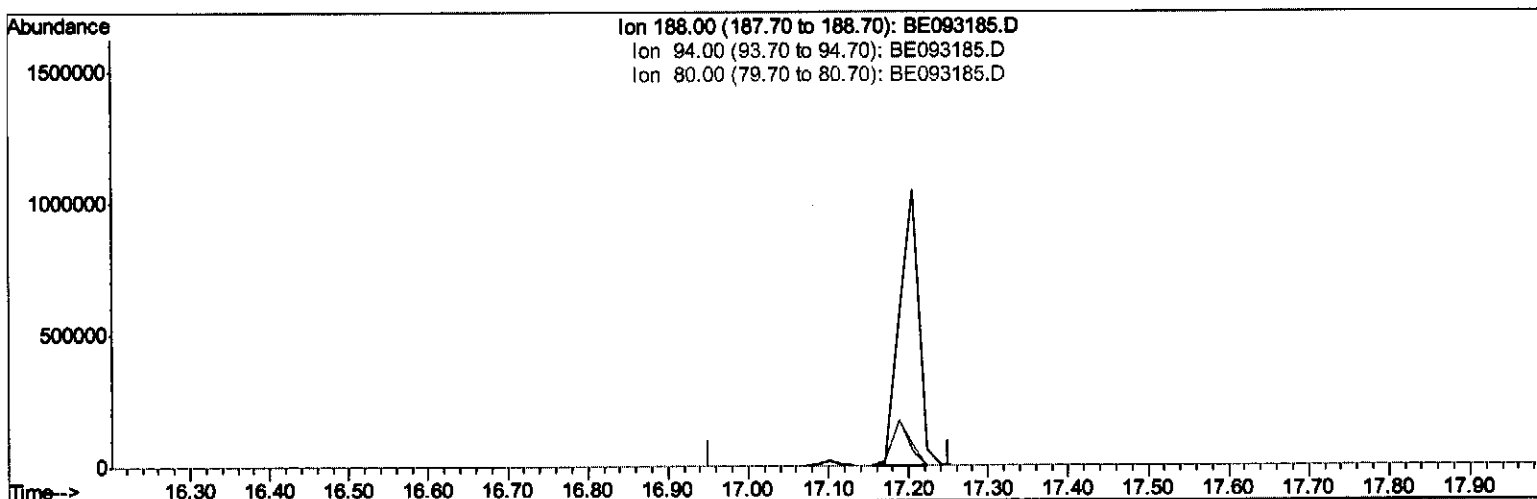
Quant Time: Jun 15 04:00:57 2017

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



(10) Phenanthrene-d10 (I)

17.100min (-17.100) 0.00ng/ul

response 0

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

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

Quantitation Report (Qedit)

Data File : BE093185.D

Acq On : 15 Jun 2017 00:41

Operator : SJ/MA

Sample : I3521-14

Misc :

ALS Vial : 22 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5C06

Manual Integrations
APPROVED

mohammad
6/15/2017 3:53:46 PM

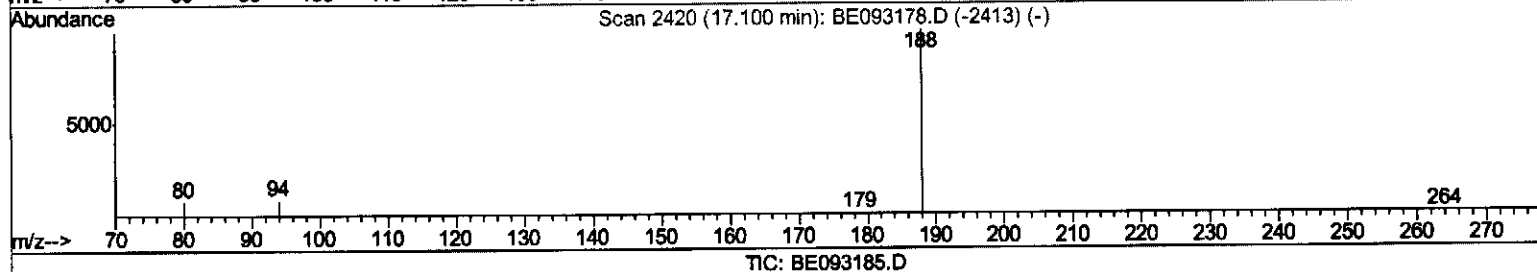
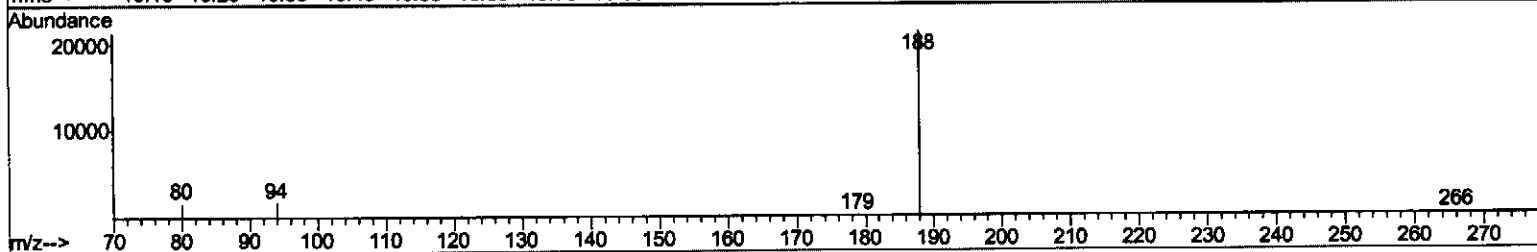
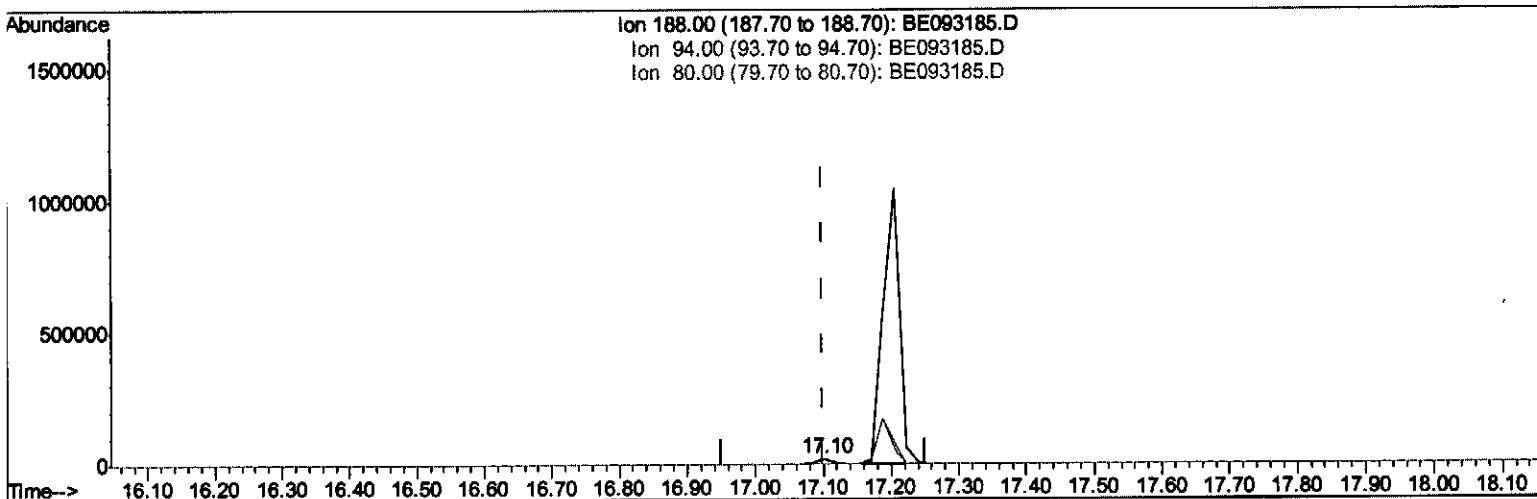
Quant Time: Jun 15 04:00:57 2017

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



(10) Phenanthrene-d10 (I)

17.102min (+0.001) 0.40ng/ul m

response 29507

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	8.45#
80.00	11.80	7.81#
0.00	0.00	0.00

> $\frac{55}{06/21/17}$

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

Quantitation Report (Qedit)

Data File : BE093185.D

Acq On : 15 Jun 2017 00:41

Operator : SJ/MA

Sample : I3521-14

Misc :

ALS Vial : 22 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampled :

F5C06

Manual Integrations

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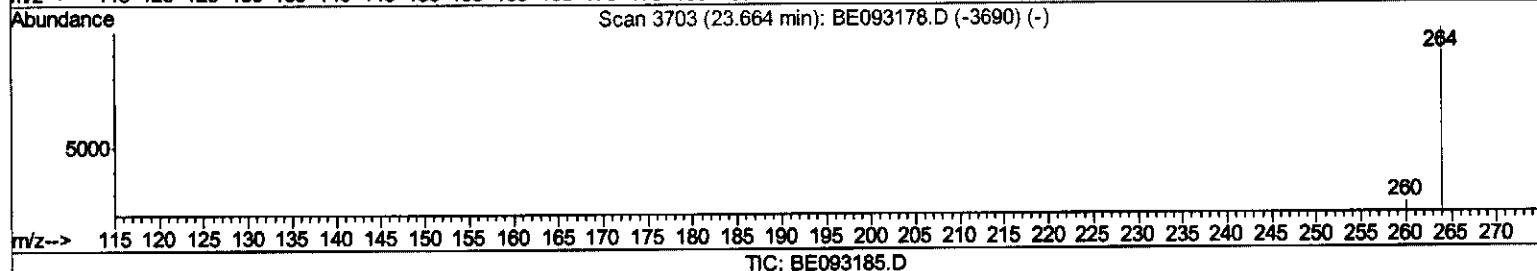
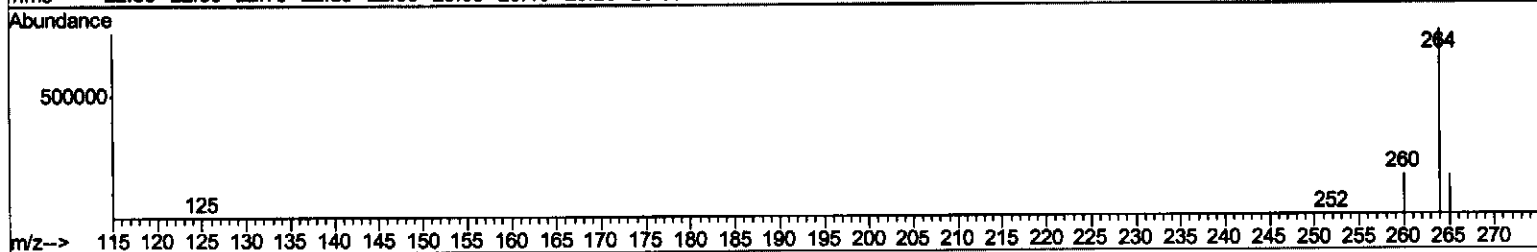
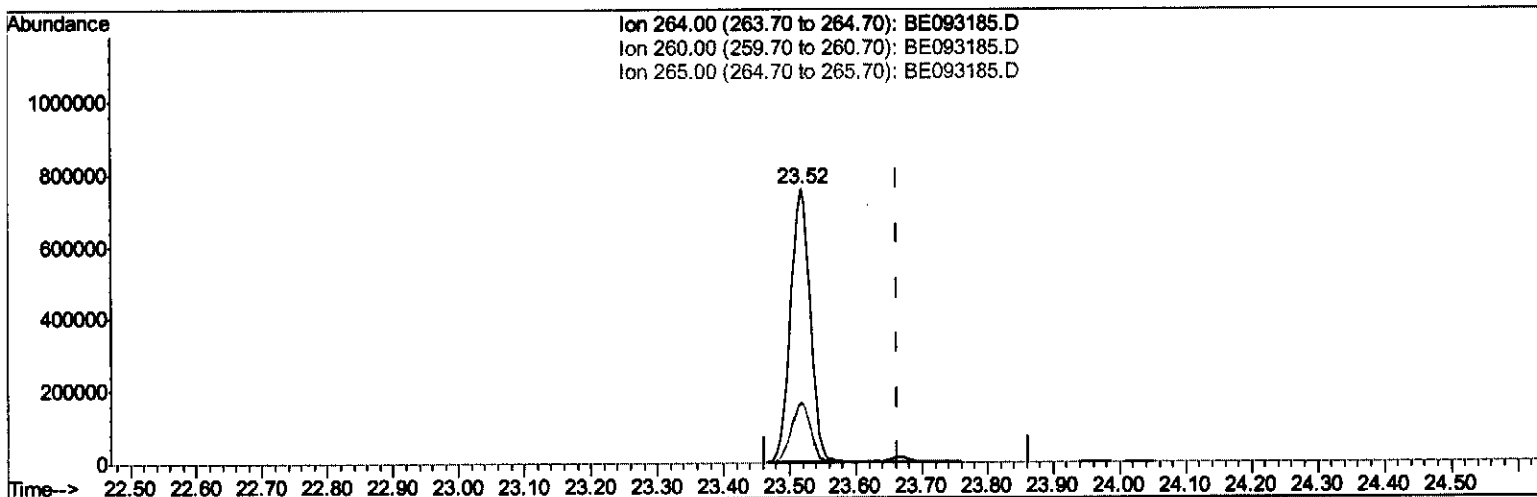
Quant Time: Jun 15 04:00:57 2017

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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(20) Perylene-d12 (I)

23.518min (-0.146) 0.40ng/ul

response 1555810

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	22.17#
265.00	103.50	21.63#
0.00	0.00	0.00

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

Quantitation Report (Qedit)

Data File : BE093185.D

Acq On : 15 Jun 2017 00:41

Operator : SJ/MA

Sample : I3521-14

Misc :

ALS Vial : 22 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampled :

F5C06

Manual Integrations
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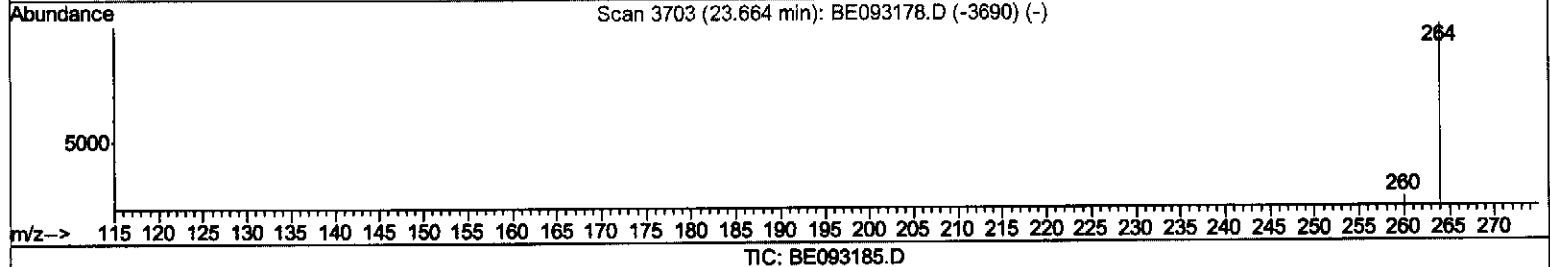
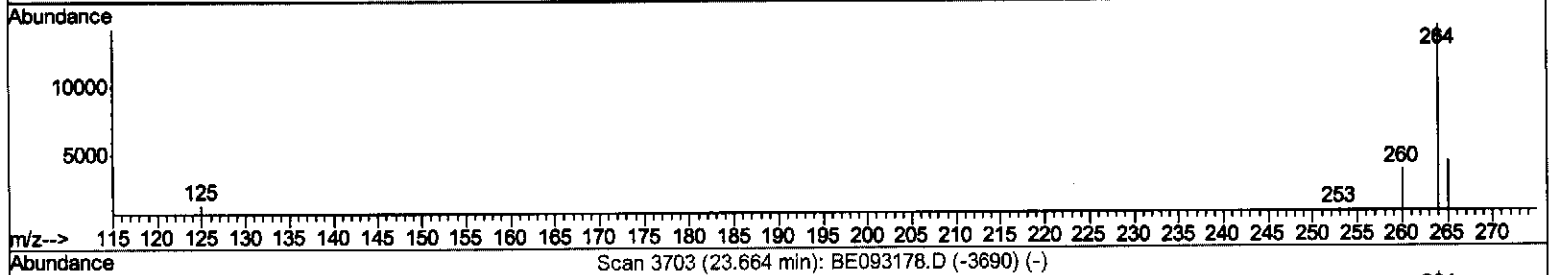
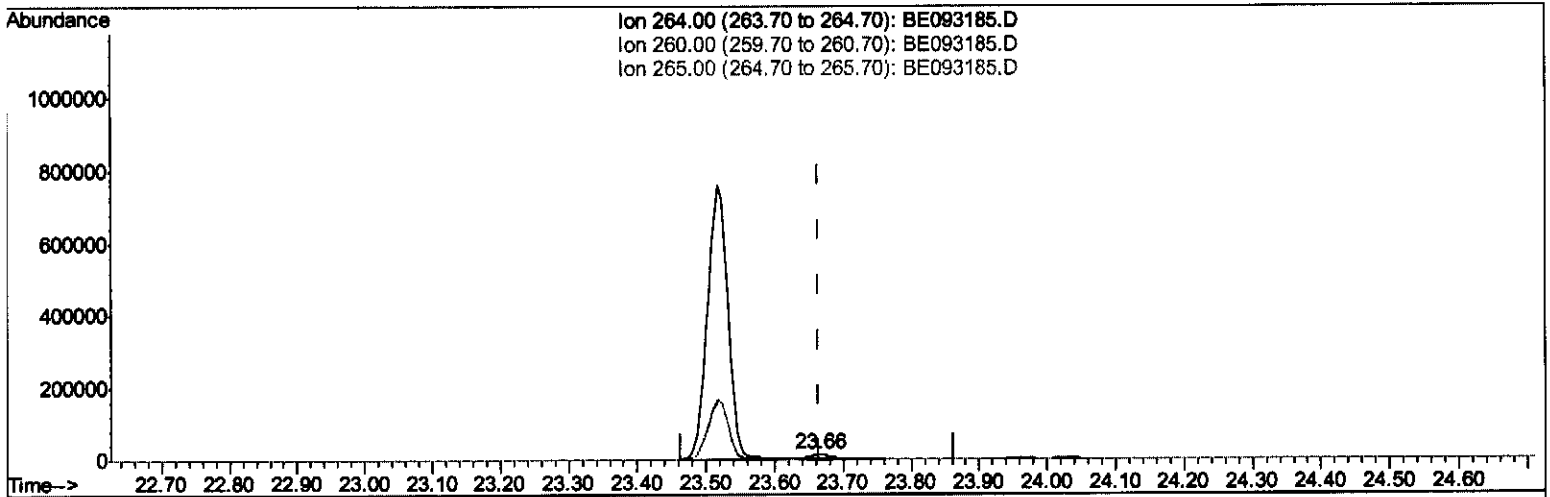
Quant Time: Jun 15 04:00:57 2017

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



(20) Perylene-d12 (I)

23.664min (-0.000) 0.40ng/ul m

response 24552

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	25.98
265.00	103.50	30.27#
0.00	0.00	0.00

> SJ
06/21/17

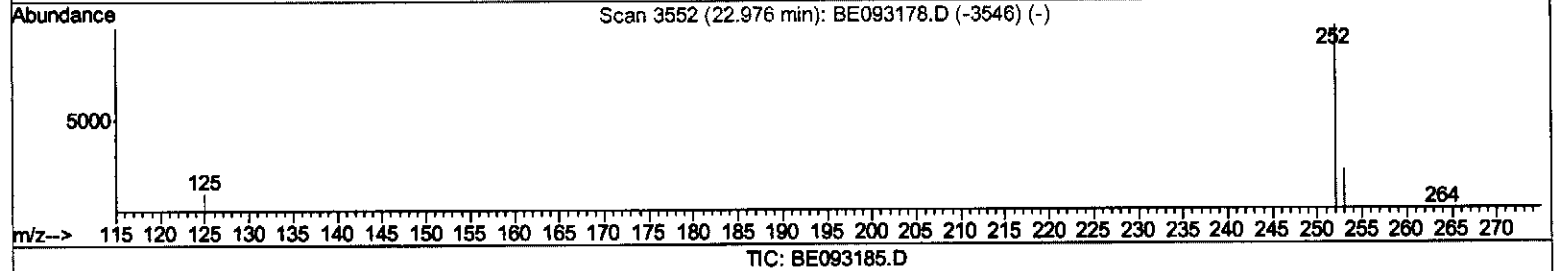
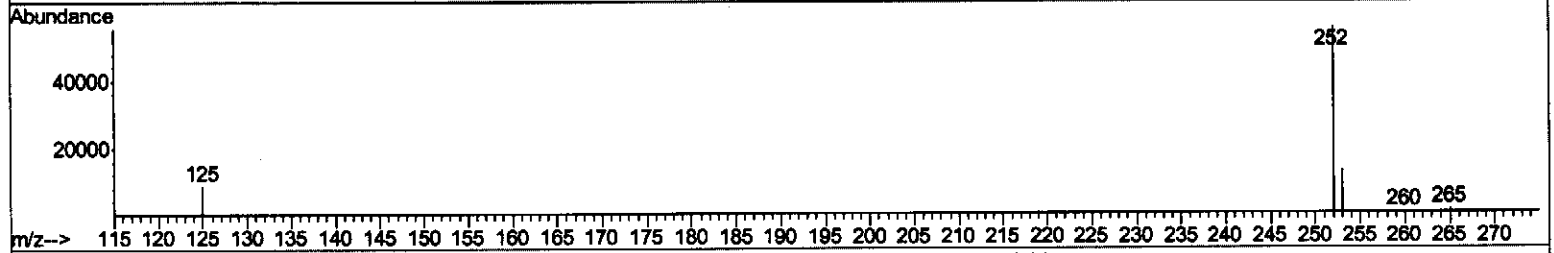
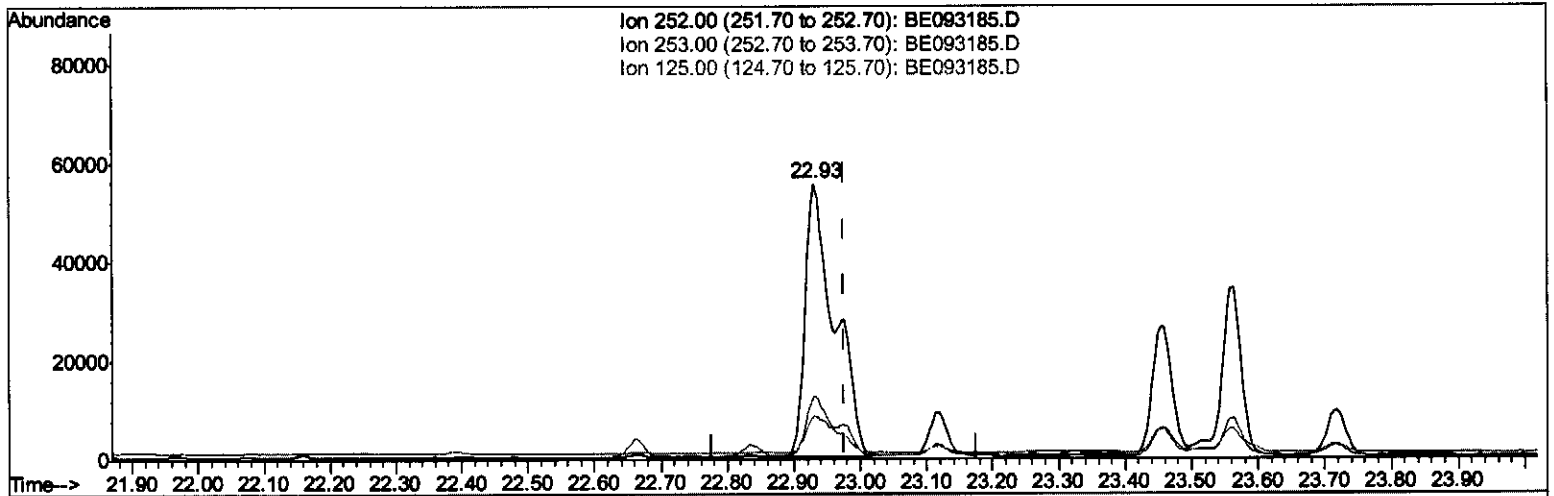
Data File : BE093185.D
Acq On : 15 Jun 2017 00:41
Operator : SJ/MA
Sample : I3521-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5C06

Manual Integrations
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Quant Time: Jun 15 04:34:12 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
22.931min (-0.046) 2.15ng/ui
response 170026

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.26#
125.00	17.10	15.78
0.00	0.00	0.00

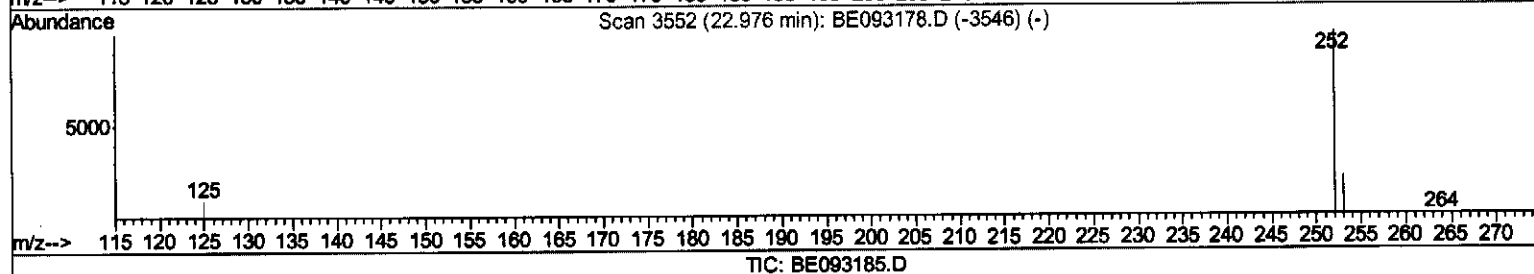
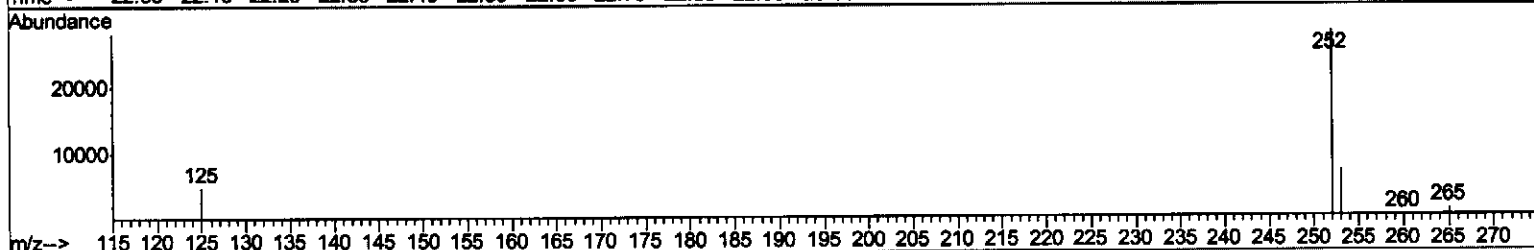
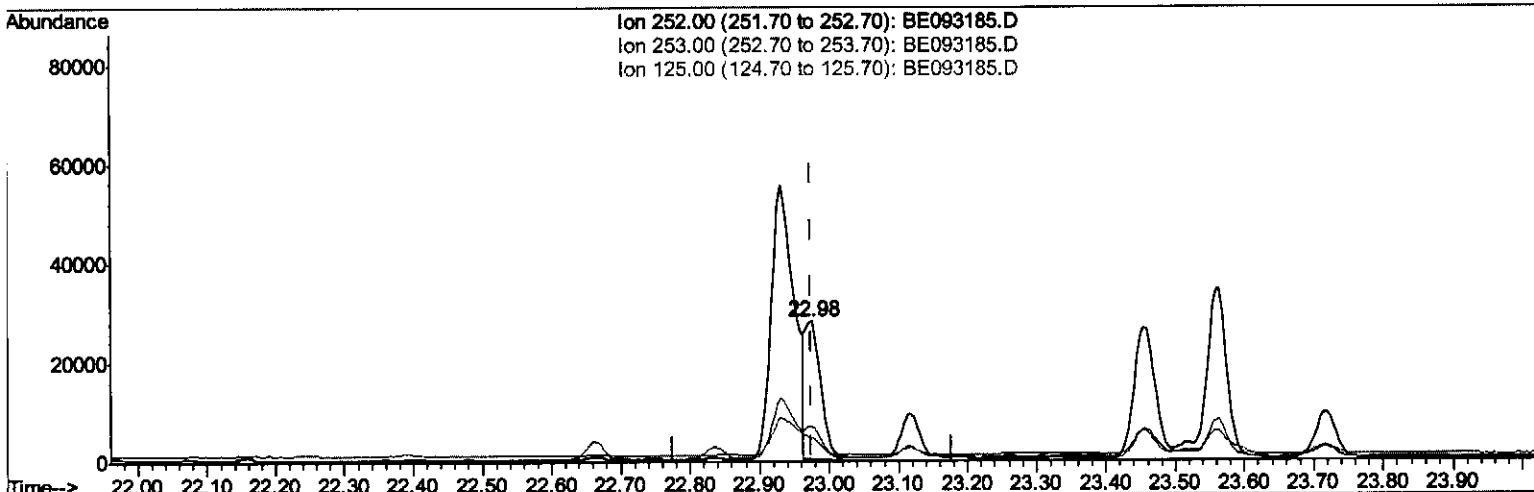
Data File : BE093185.D
Acq On : 15 Jun 2017 00:41
Operator : SJ/MA
Sample : I3521-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5C06

Manual Integrations
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Quant Time: Jun 15 04:34:12 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

22.976min (-0.000) 0.54ng/ul m

response 42678

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	24.99
125.00	17.10	17.25
0.00	0.00	0.00

> SJ
06/21/17

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

Quantitation Report (Qedit)

Data File : BE093185.D

Acq On : 15 Jun 2017 00:41

Operator : SJ/MA

Sample : I3521-14

Misc :

ALS Vial : 22 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5C06

Manual Integrations
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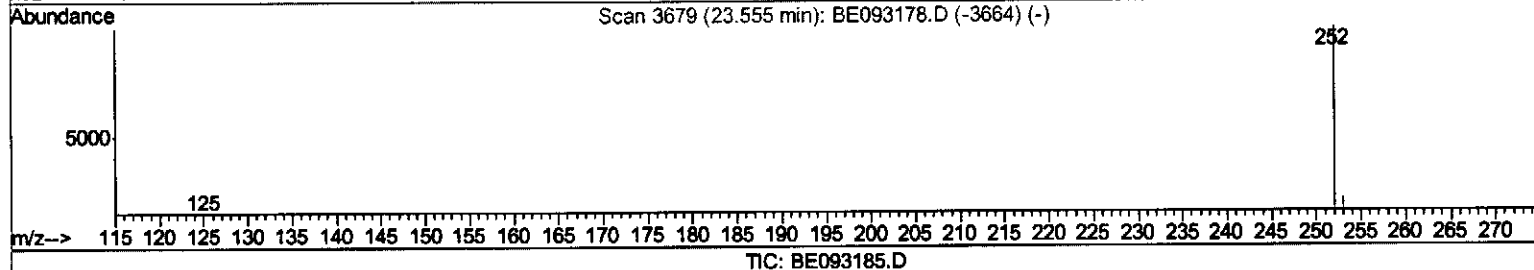
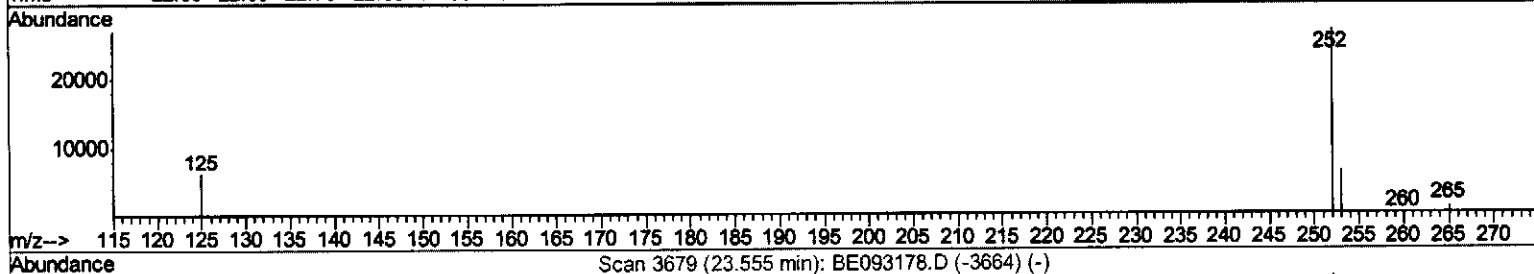
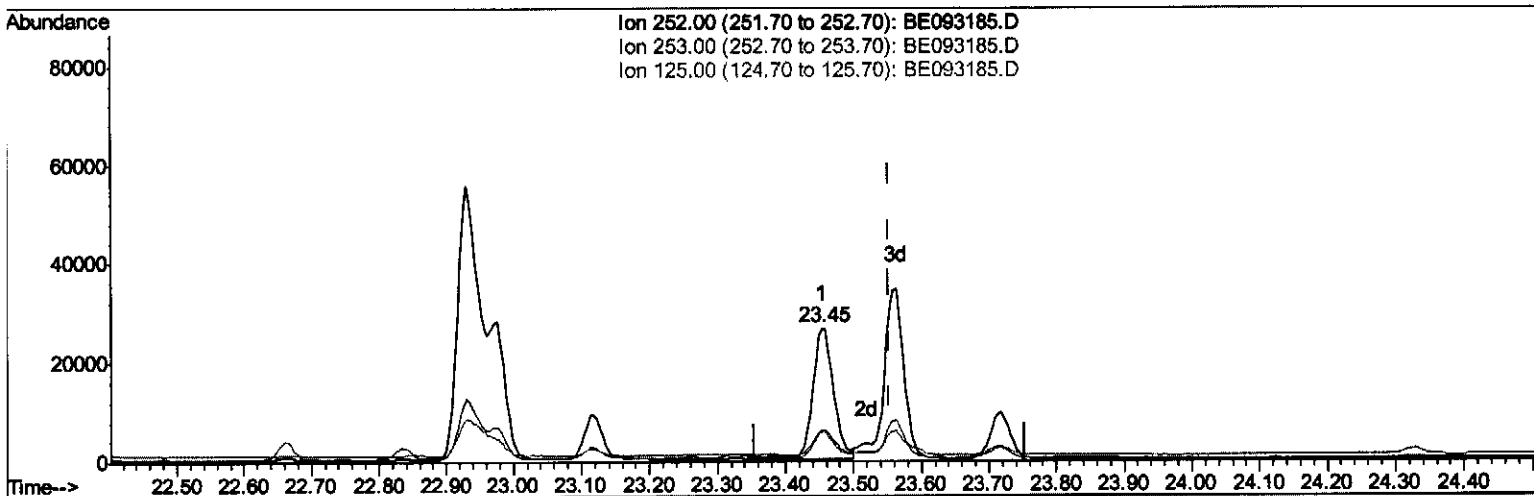
Quant Time: Jun 15 04:34:12 2017

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)

23.454min (-0.100) 0.80ng/ul

response 56352

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	24.05#
125.00	22.60	23.03
0.00	0.00	0.00

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

Quantitation Report (Qedit)

Data File : BE093185.D

Acq On : 15 Jun 2017 00:41

Operator : SJ/MA

Sample : I3521-14

Misc :

ALS Vial : 22 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5C06

Manual Integrations
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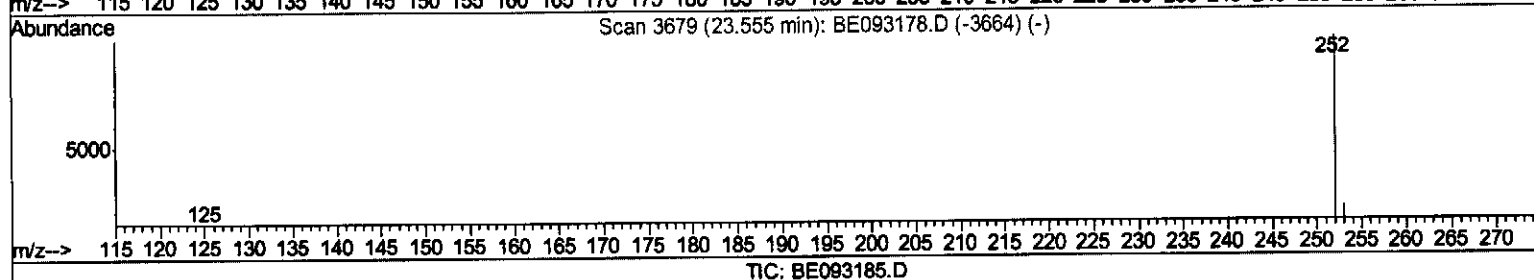
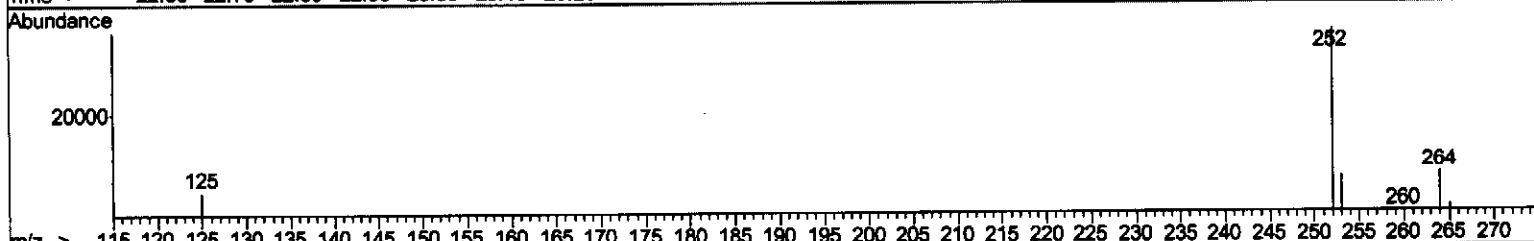
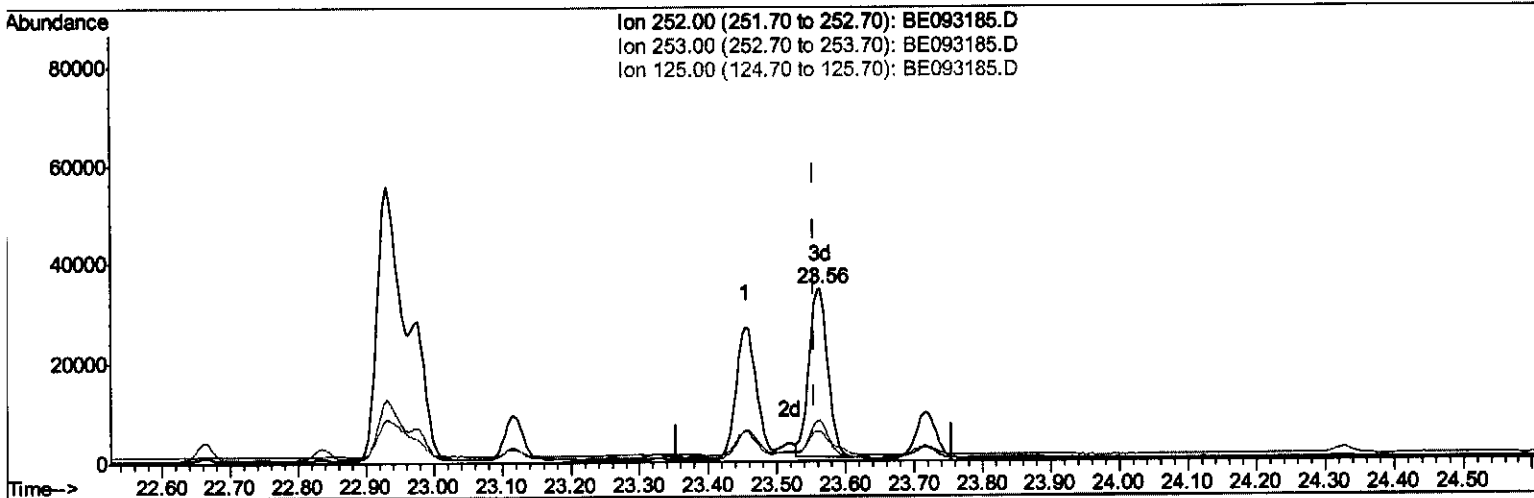
Quant Time: Jun 15 04:34:12 2017

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)

23.564min (+0.009) 0.91ng/ul m

response 64192

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	23.85#
125.00	22.60	17.55#
0.00	0.00	0.00

> SJ
06/21/17

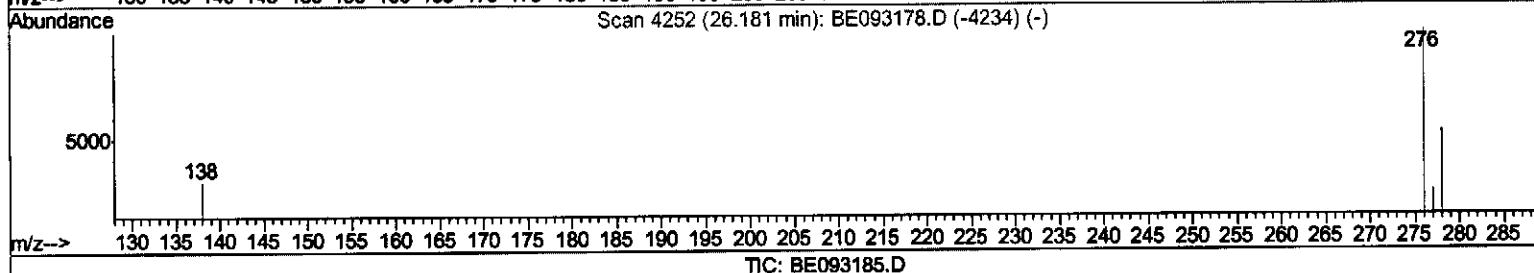
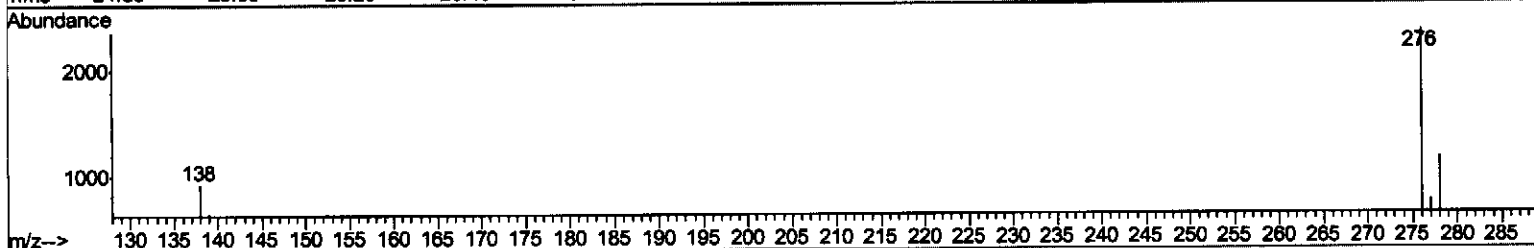
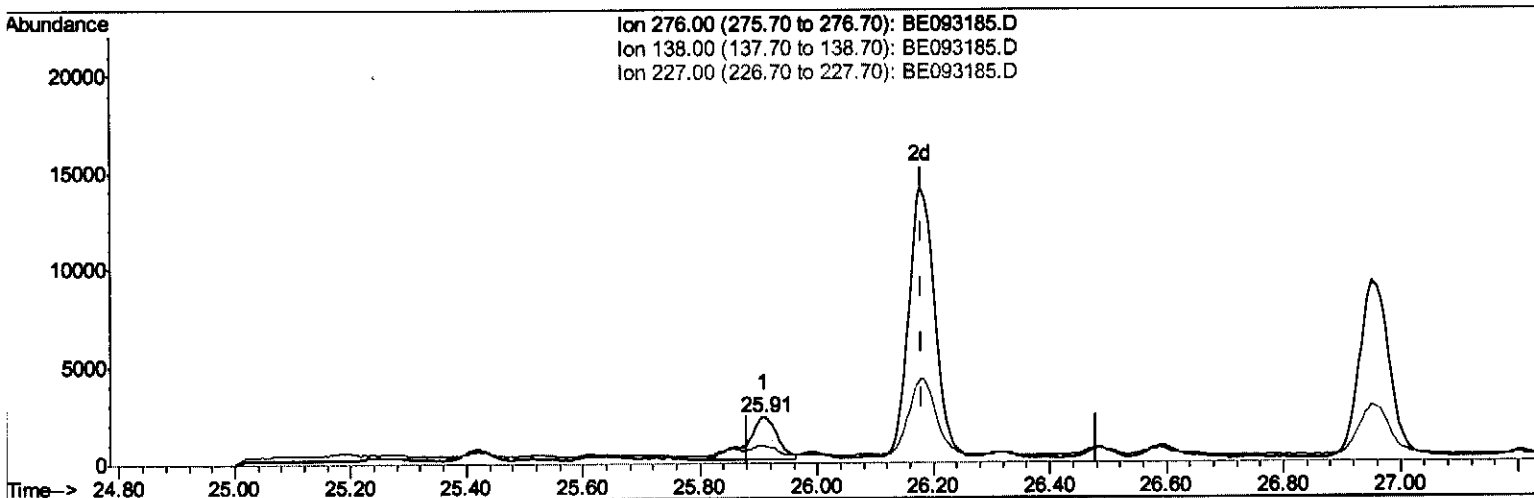
Data File : BE093185.D
Acq On : 15 Jun 2017 00:41
Operator : SJ/MA
Sample : I3521-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
F5C06

Manual Integrations
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6/15/2017 3:53:46 PM

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

25.909min (-0.272) 0.10ng/ul

response 8170

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	19.76#
227.00	10.00	0.00#
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 00:41

Operator : SJ/MA

Sample : I3521-14

Misc :

ALS Vial : 22 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5C06

Manual Integrations
APPROVED

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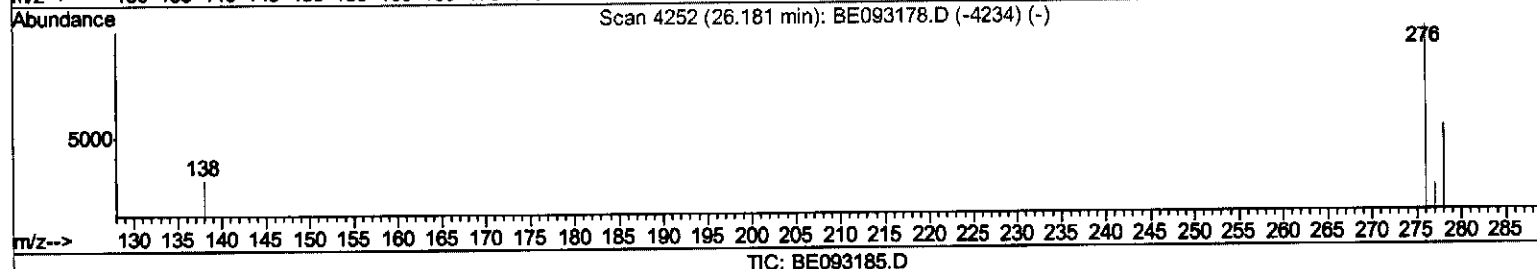
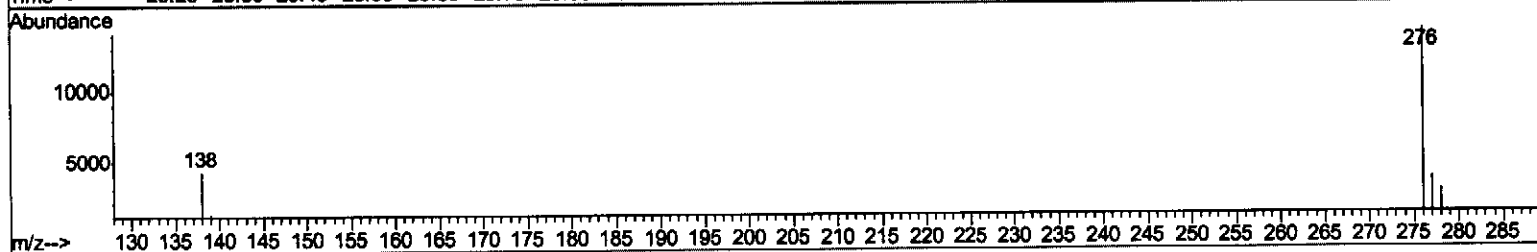
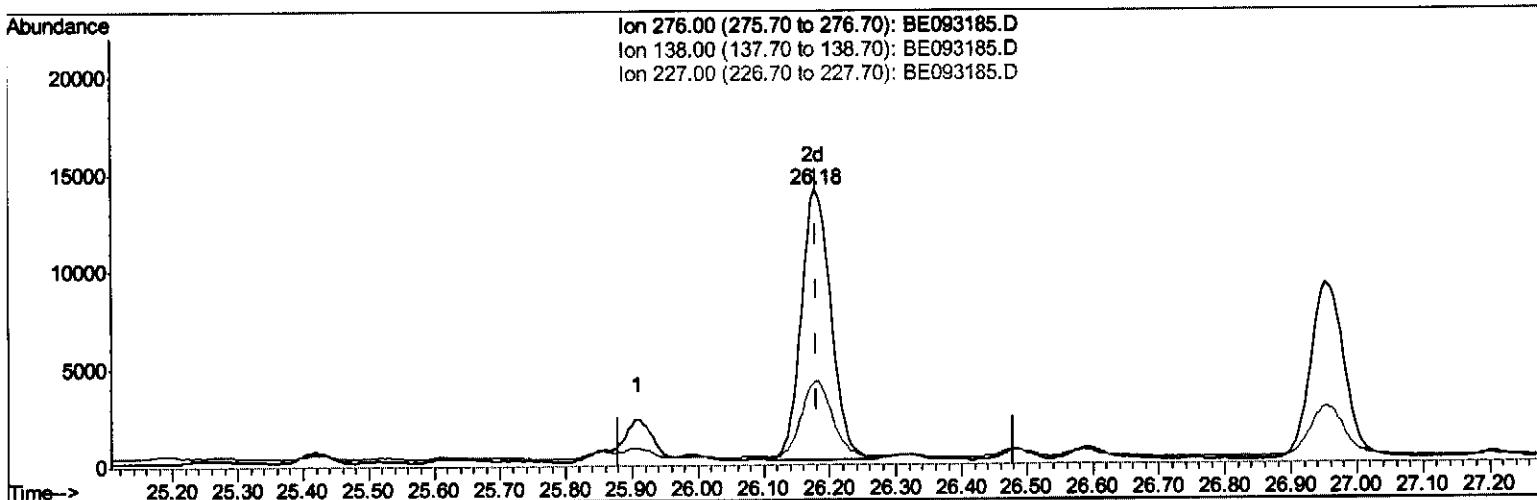
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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Response via : Initial Calibration



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

26.177min (-0.003) 0.53ng/ul m

response 43138

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	3.74#
227.00	10.00	0.00#
0.00	0.00	0.00

> SJ
06/21/17

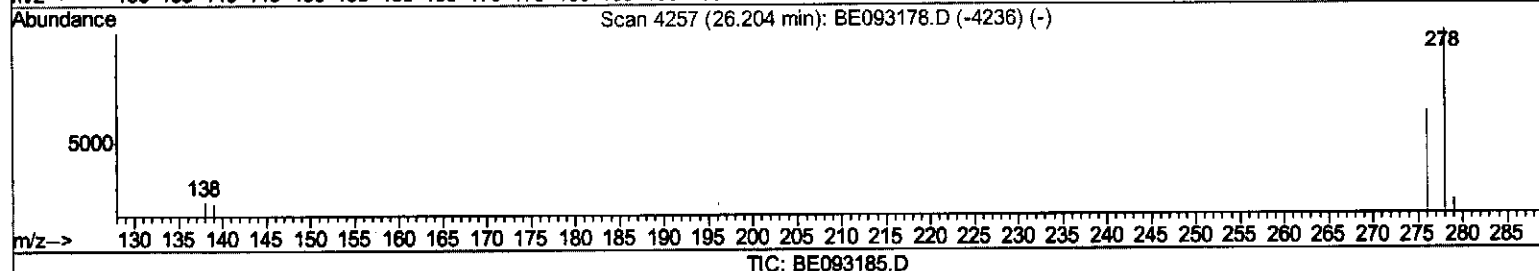
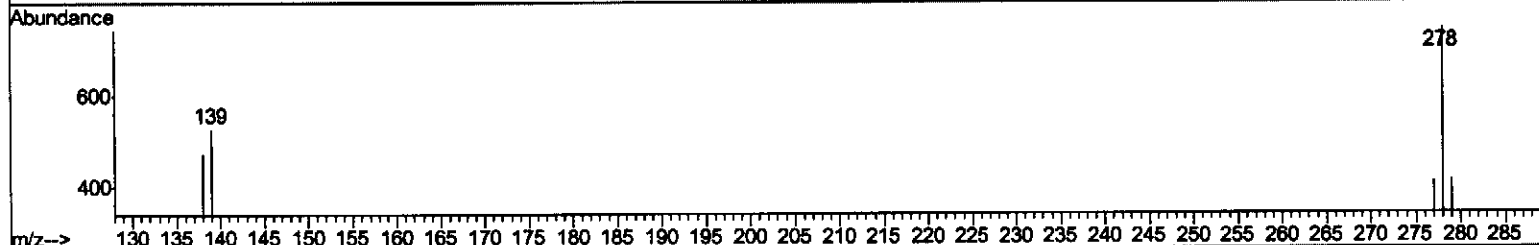
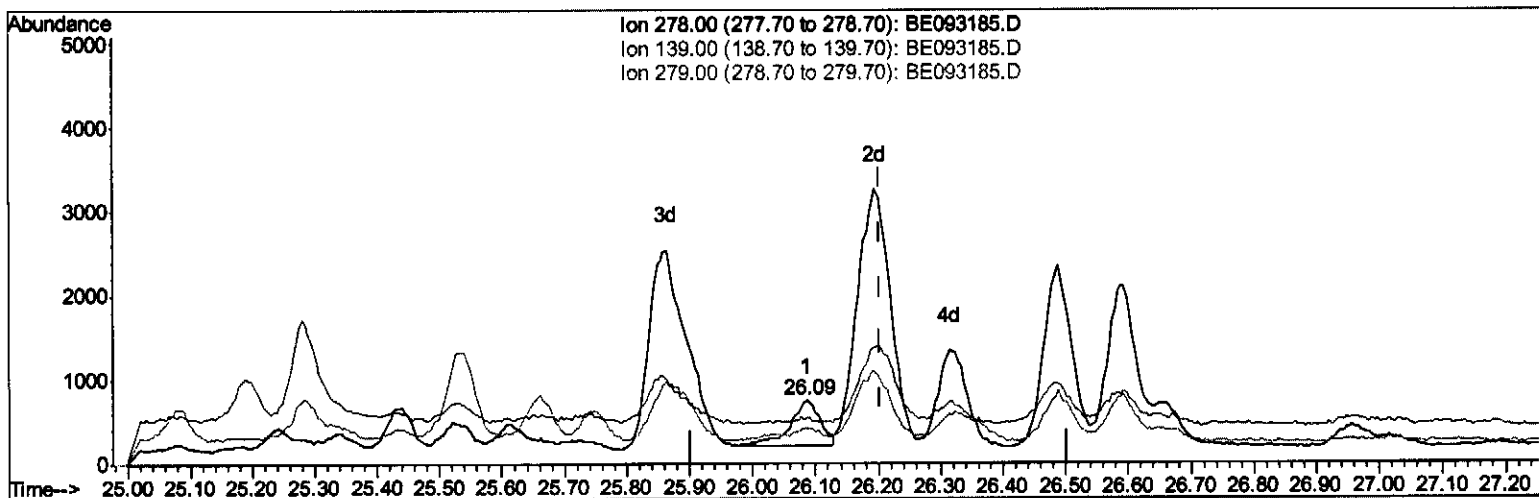
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(25) Dibenzo(a,h)anthracene

26.086min (-0.117) 0.03ng/ul

response 1836

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	71.10#
279.00	32.40	55.24#
0.00	0.00	0.00

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

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Operator : SJ/MA

Sample : I3521-14

Misc :

ALS Vial : 22 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampled :

F5C06

Manual Integrations
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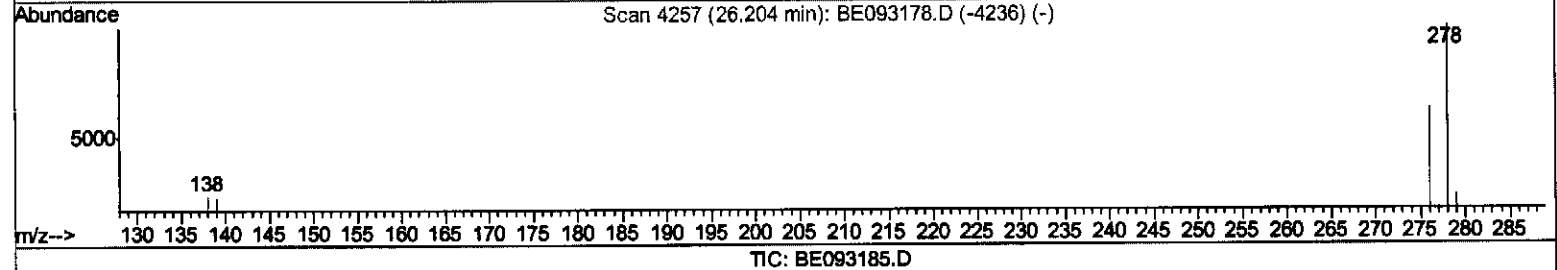
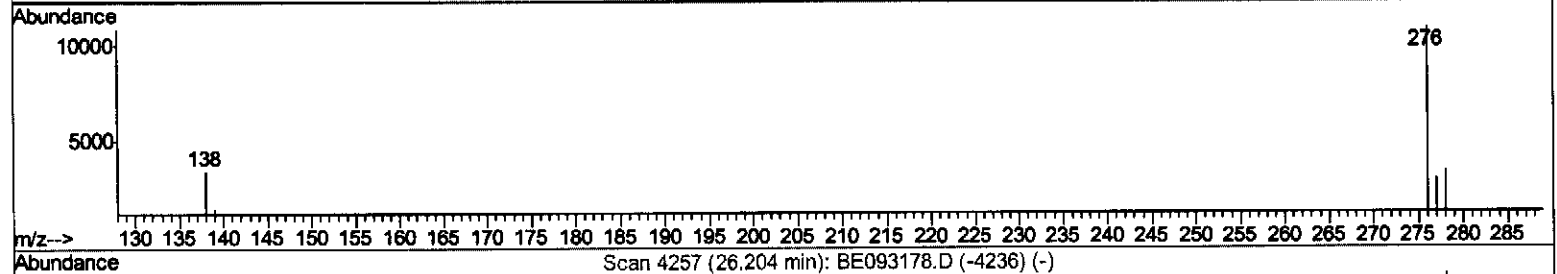
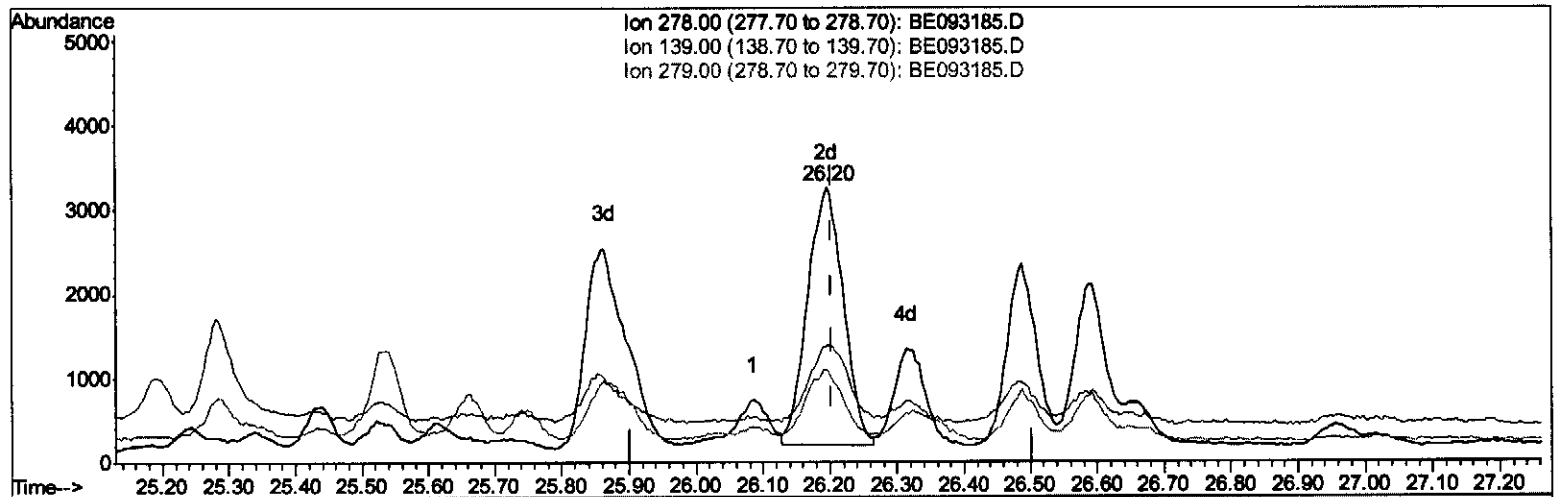
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Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

26.196min (-0.008) 0.16ng/ul m

response 11314

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	42.13#
279.00	32.40	33.02
0.00	0.00	0.00

> SJ
06/21/17

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Internal Standards	R.T.	QI	Ion	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152		3935	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136		19969	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164		12553	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188		29507m	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240		30318	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264		24552m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QI	Ion	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.11	152		7988	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.13	212		22788	0.28	ng/ul	0.00

Target Compounds	R.T.	QI	Ion	Response	Conc	Units	Qvalue
3) Naphthalene	10.57	128		4153	0.08	ng/ul#	95
5) 2-Methylnaphthalene	12.18	142		713	0.02	ng/ul	94
7) Acenaphthylene	14.09	152		16247	0.30	ng/ul	96
12) Phenanthrene	17.14	178		13524	0.17	ng/ul#	86
13) Anthracene	17.22	178		16203	0.23	ng/ul#	88
15) Fluoranthene	19.16	202		112810	1.13	ng/ul	83
17) Pyrene	19.52	202		128765	1.44	ng/ul#	85
18) Benzo(a)anthracene	21.24	228		73771	0.91	ng/ul#	85
19) Chrysene	21.29	228		74974	0.89	ng/ul	98
21) Benzo(b)fluoranthene	22.93	252		127413	1.71	ng/ul	88
22) Benzo(k)fluoranthene	22.98	252		42678m	0.54	ng/ul	
23) Benzo(a)pyrene	23.56	252		64192m	0.91	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.18	276		43138m	0.53	ng/ul	
25) Dibenzo(a,h)anthracene	26.20	278		11314m	0.16	ng/ul	
26) Benzo(g,h,i)perylene	26.95	276		32338	0.46	ng/ul	95

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

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