

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

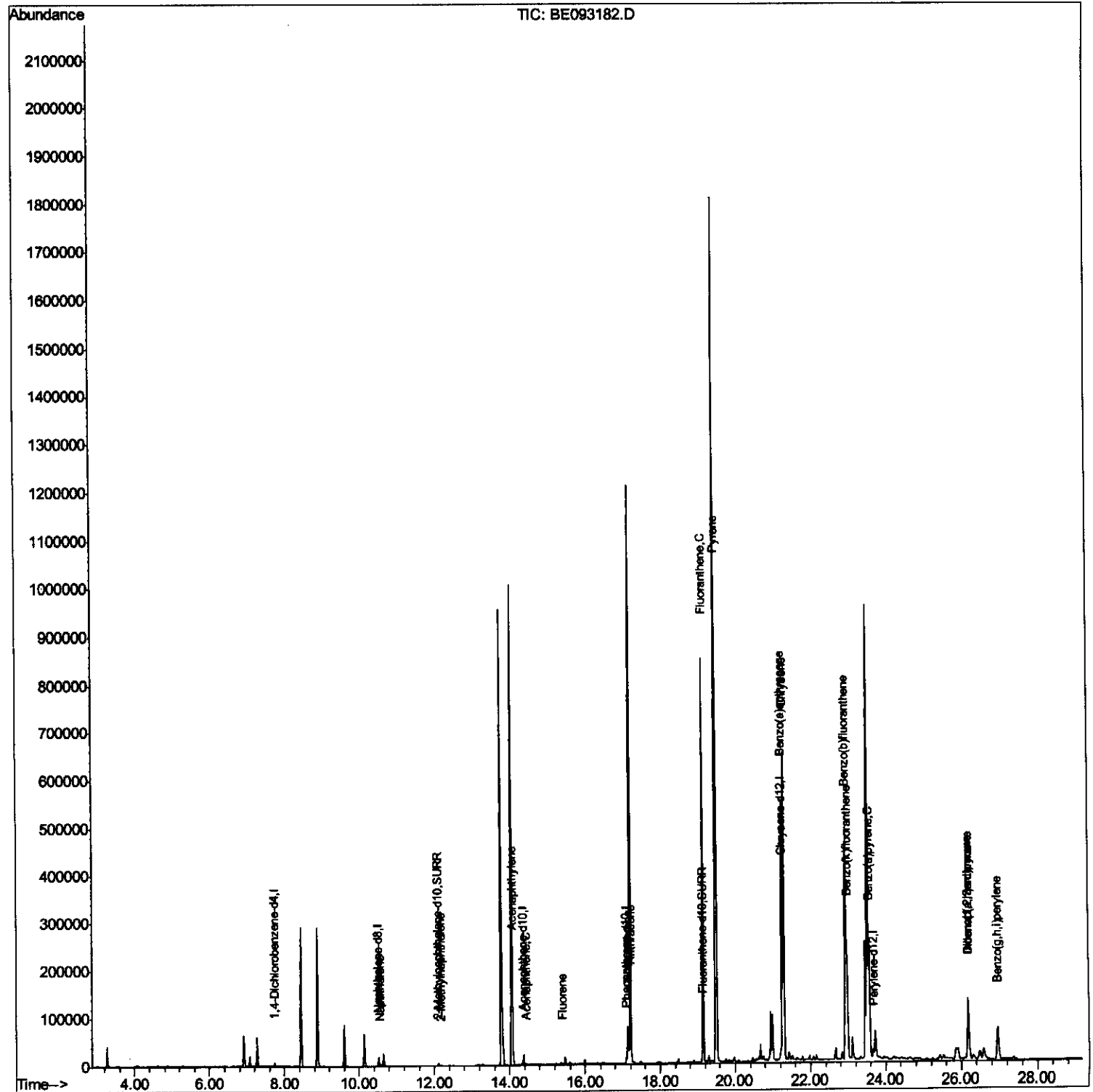
Data File : BE093182.D
Acq On : 14 Jun 2017 22:51
Operator : SJ/MA
Sample : I3520-20
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
F5B77

Manual Integrations
APPROVED

mohammad
6/15/2017 3:53:34 PM

Quant Time: Jun 15 04:22:52 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 : BE093182.D

Acq On : 14 Jun 2017 22:51

Operator : SJ/MA

Sample : I3520-20

Misc :

ALS Vial : 19 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5B77

Manual Integrations
APPROVED

mohammad
6/15/2017 3:53:34 PM

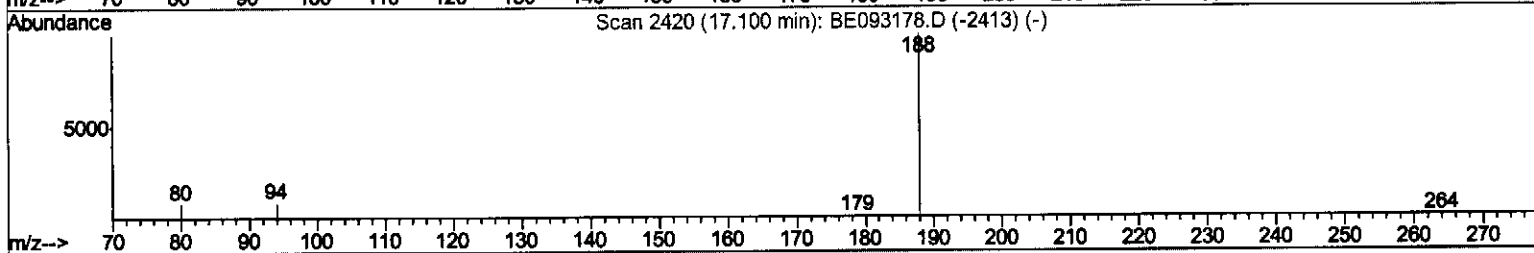
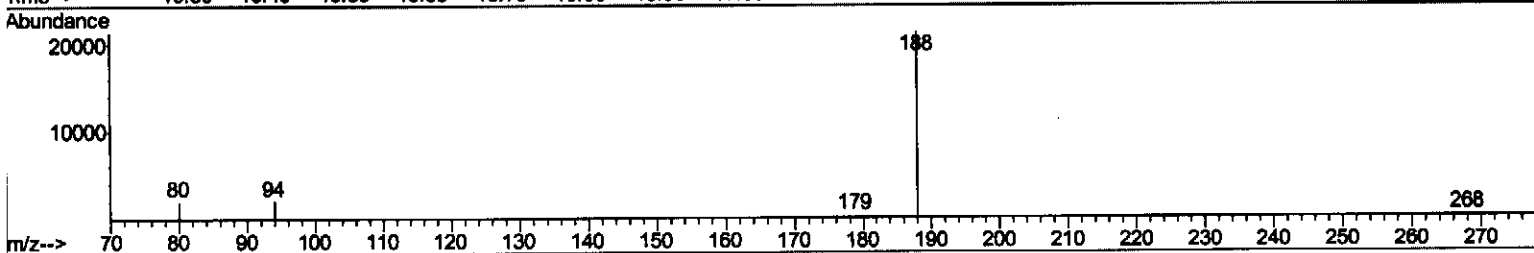
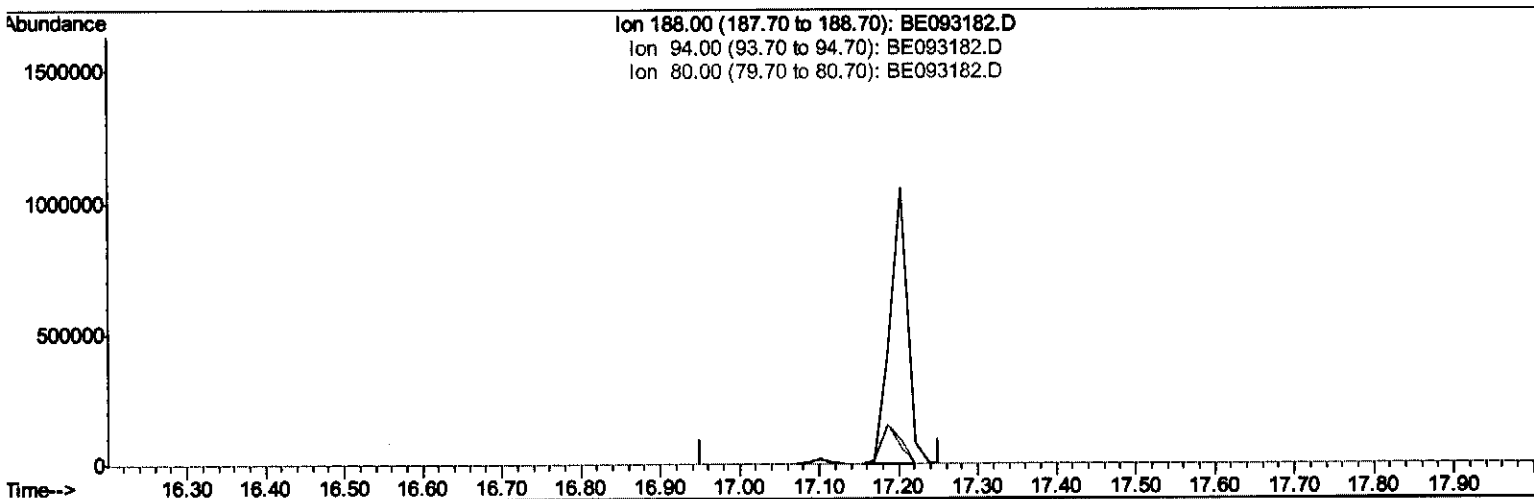
Quant Time: Jun 15 04:00:24 2017

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: BE093182.D

(10) Phenanthrene-d10 (I)

17.100min (-17.100) 0.00ng/ui

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 : BE093182.D

Acq On : 14 Jun 2017 22:51

Operator : SJ/MA

Sample : I3520-20

Misc :

ALS Vial : 19 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampled :

F5B77

Manual Integrations
APPROVED

mohammad
6/15/2017 3:53:34 PM

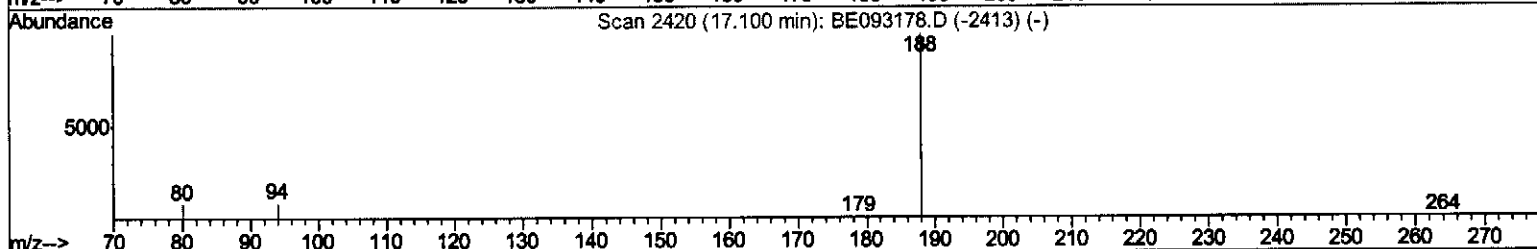
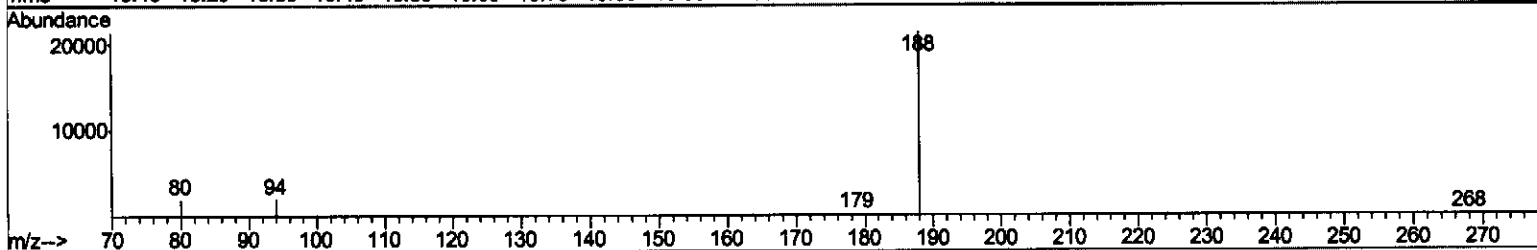
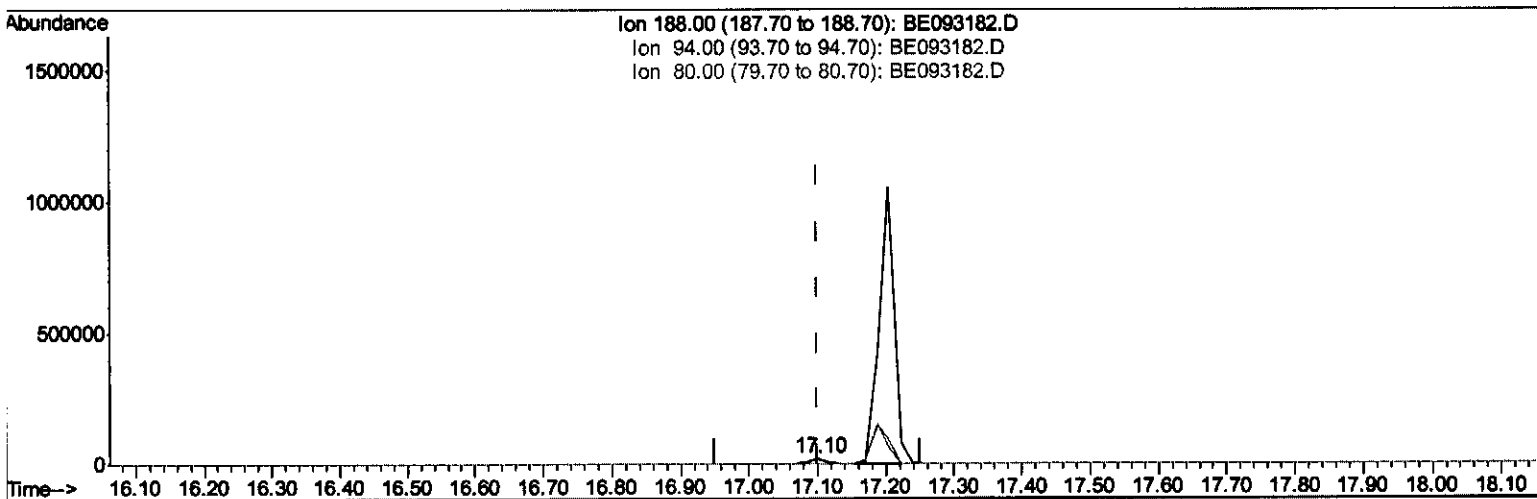
Quant Time: Jun 15 04:00:24 2017

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: BE093182.D

(10) Phenanthrene-d10 (I)

17.101min (+0.000) 0.40ng/ul m

response 28778

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	9.83
80.00	11.80	9.40#
0.00	0.00	0.00

SJ
06/21/17

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

Quantitation Report (Qedit)

Data File : BE093182.D

Acq On : 14 Jun 2017 22:51

Operator : SJ/MA

Sample : I3520-20

Misc :

ALS Vial : 19 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampled :

F5B77

Manual Integrations
APPROVED

mohammad
6/15/2017 3:53:34 PM

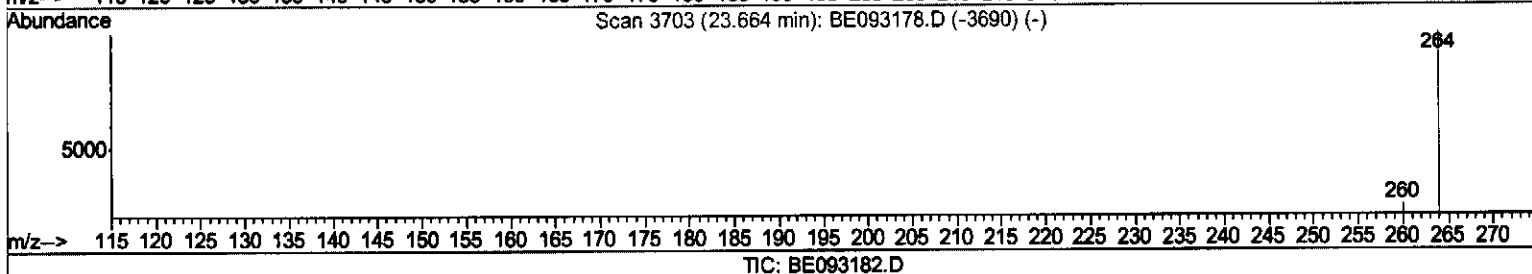
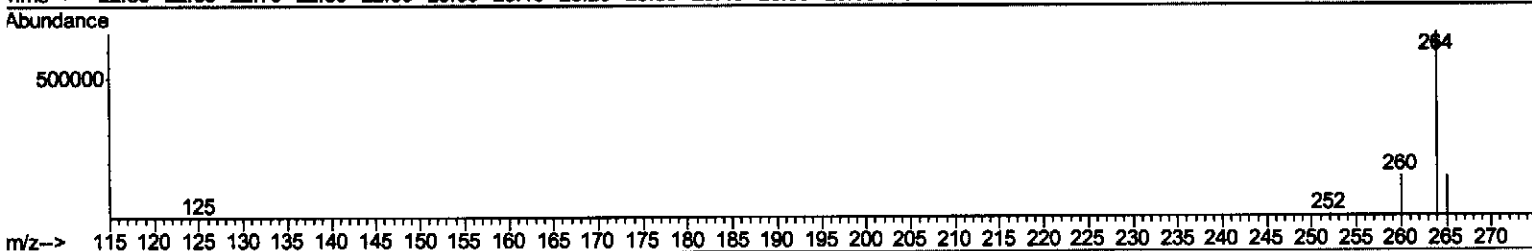
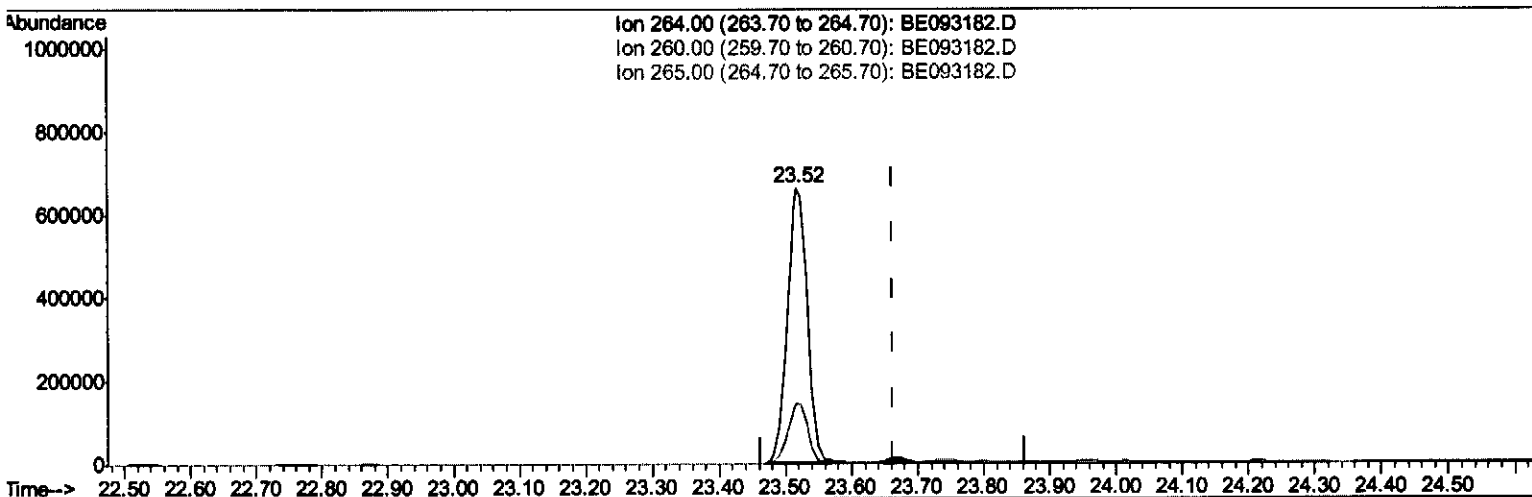
Quant Time: Jun 15 04:00:24 2017

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 1376579

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.99#
265.00	103.50	21.59#
0.00	0.00	0.00

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

Quantitation Report (Qedit)

Data File : BE093182.D

Acq On : 14 Jun 2017 22:51

Operator : SJ/MA

Sample : I3520-20

Misc :

ALS Vial : 19 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampled :

F5B77

Manual Integrations
APPROVED

mohammad
6/15/2017 3:53:34 PM

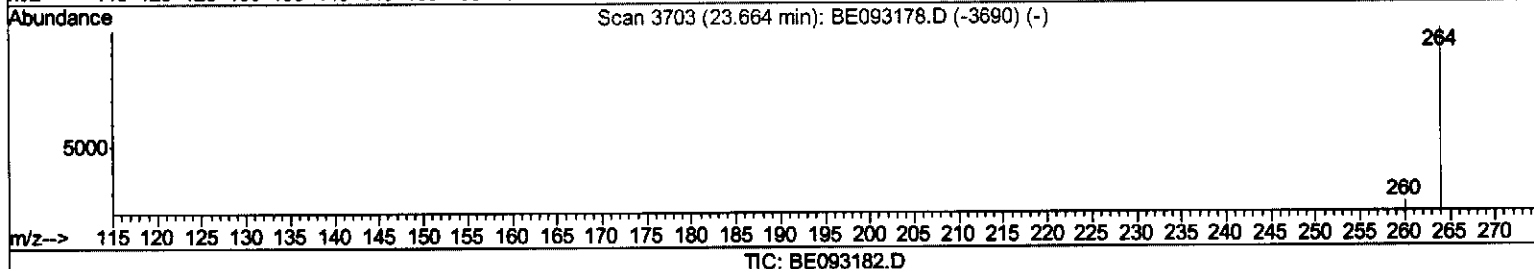
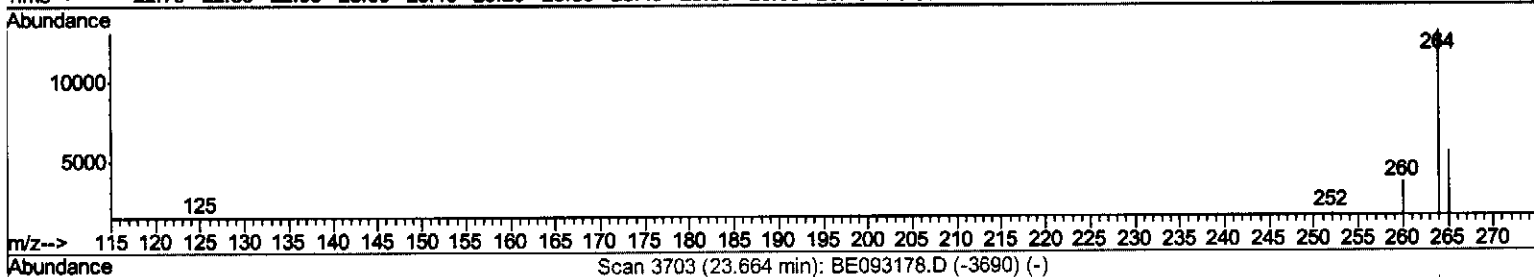
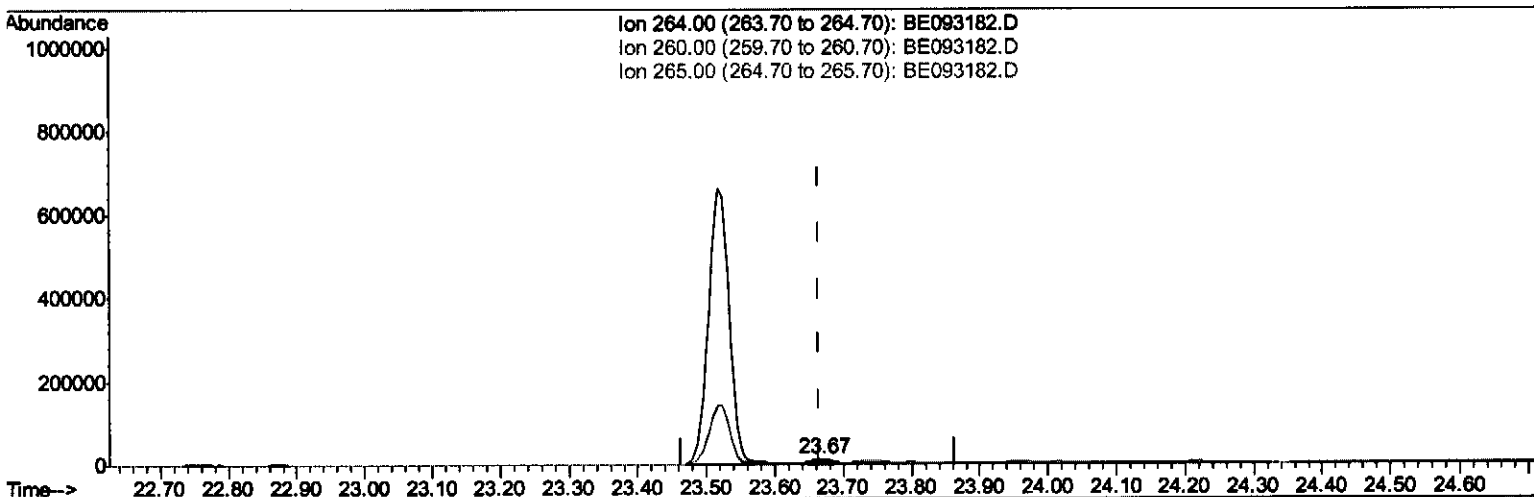
Quant Time: Jun 15 04:00:24 2017

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)

23.668min (+0.004) 0.40ng/ul m

response 22705

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	26.56
265.00	103.50	41.69#
0.00	0.00	0.00

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

Quantitation Report (Qedit)

Data File : BE093182.D

Acq On : 14 Jun 2017 22:51

Operator : SJ/MA

Sample : I3520-20

Misc :

ALS Vial : 19 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampled :

F5B77

Manual Integrations
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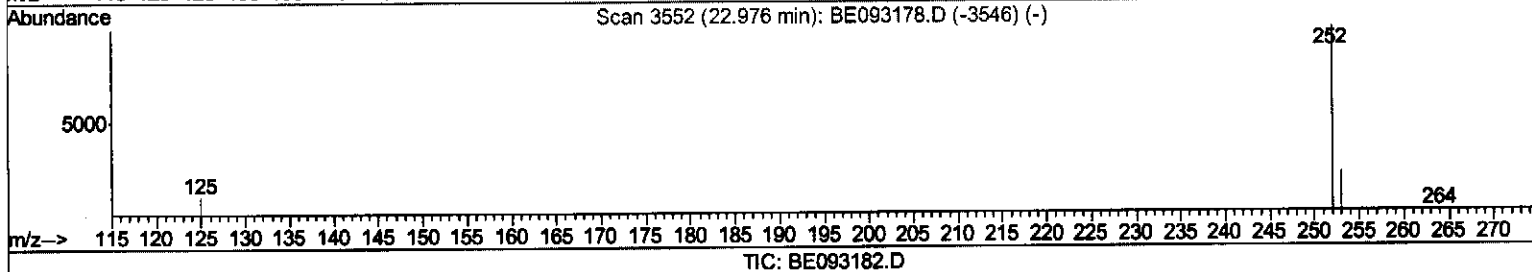
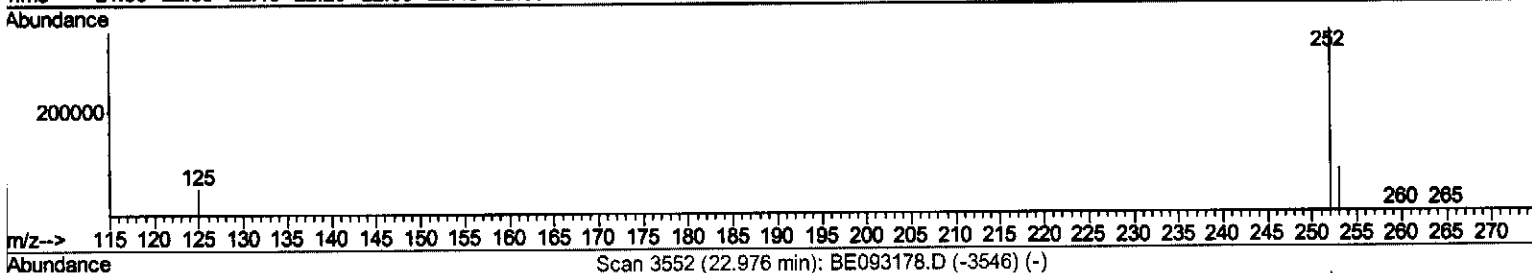
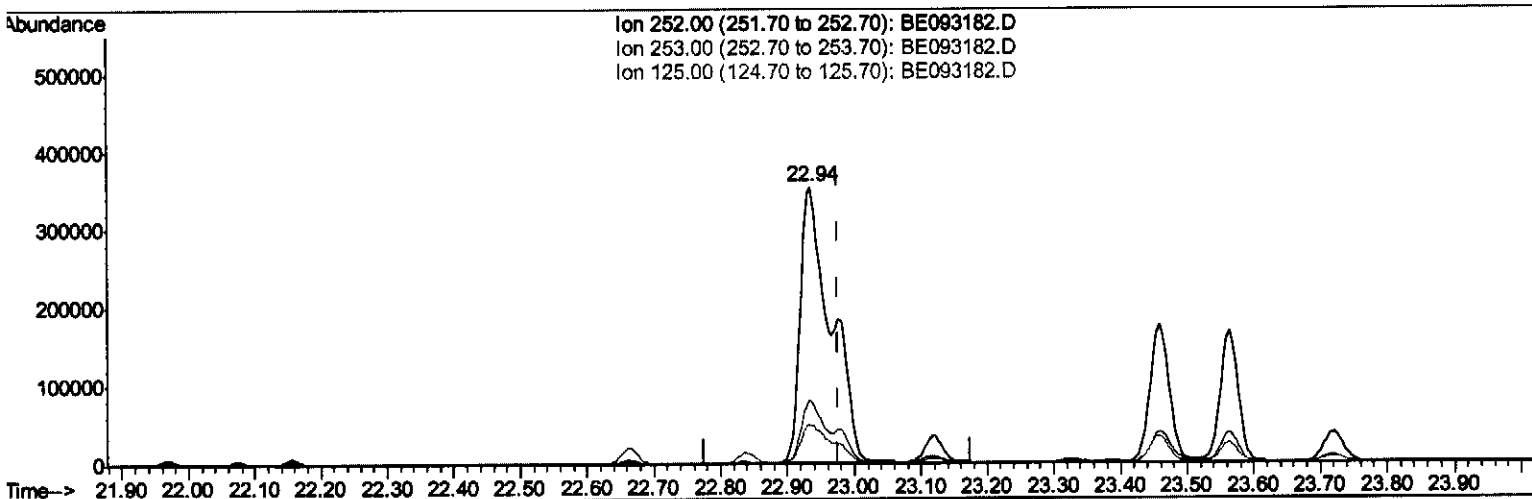
Quant Time: Jun 15 04:21:35 2017

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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(22) Benzo(k)fluoranthene

22.935min (-0.041) 15.14ng/ui

response 1107906

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.08#
125.00	17.10	14.21
0.00	0.00	0.00

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

Quantitation Report (Qedit)

Data File : BE093182.D

Acq On : 14 Jun 2017 22:51

Operator : SJ/MA

Sample : I3520-20

Misc :

ALS Vial : 19 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5B77

Manual Integrations
APPROVED

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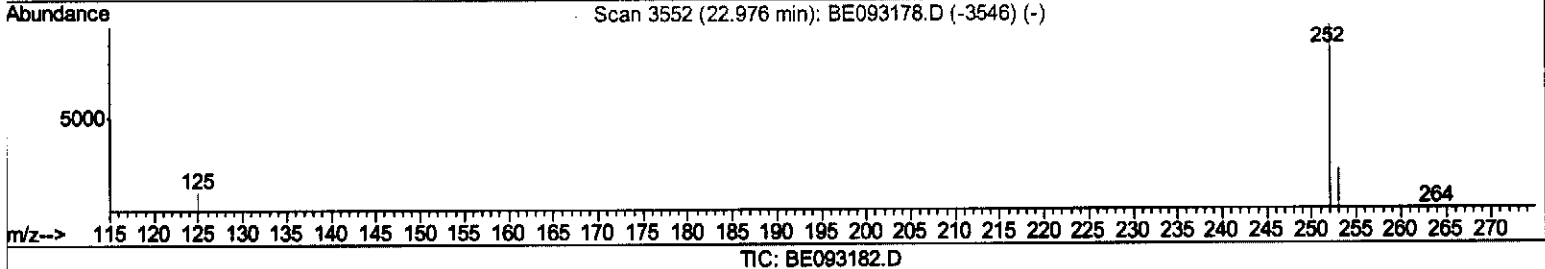
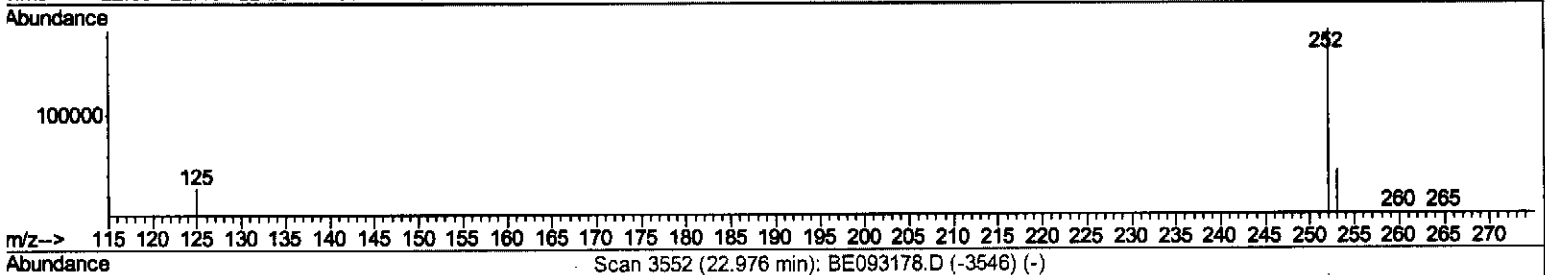
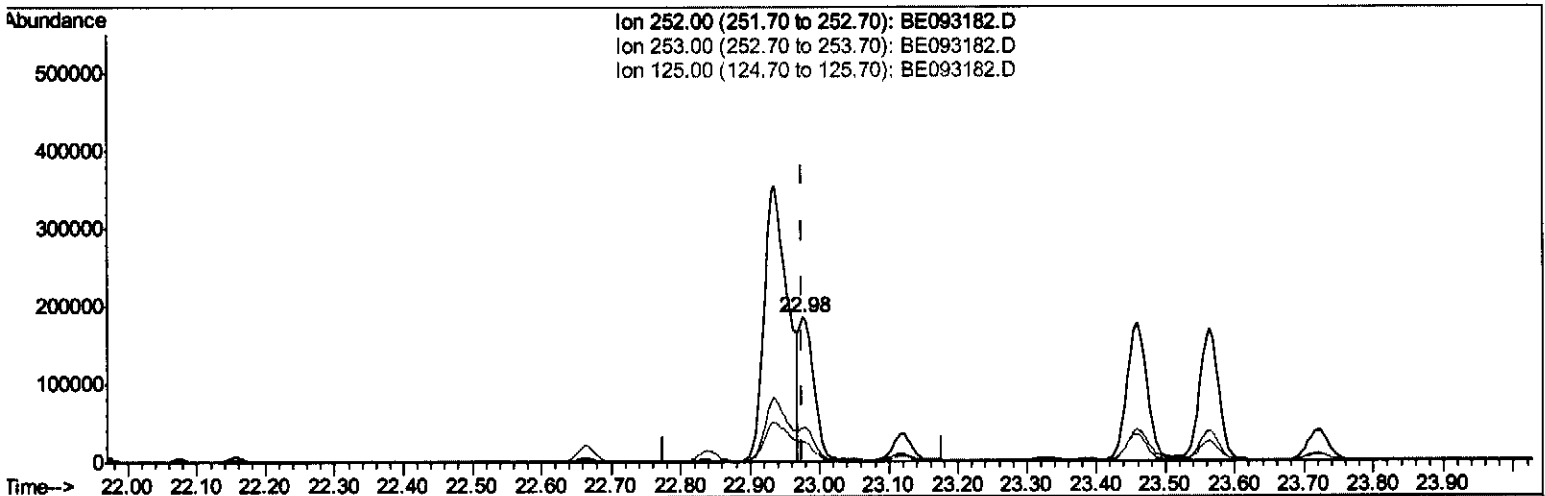
Quant Time: Jun 15 04:21:35 2017

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) 3.80ng/ul m

response 278042

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.28#
125.00	17.10	14.22
0.00	0.00	0.00

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

Quantitation Report (Qedit)

Data File : BE093182.D

Acq On : 14 Jun 2017 22:51

Operator : SJ/MA

Sample : I3520-20

Misc :

ALS Vial : 19 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5B77

Manual Integrations
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6/15/2017 3:53:34 PM

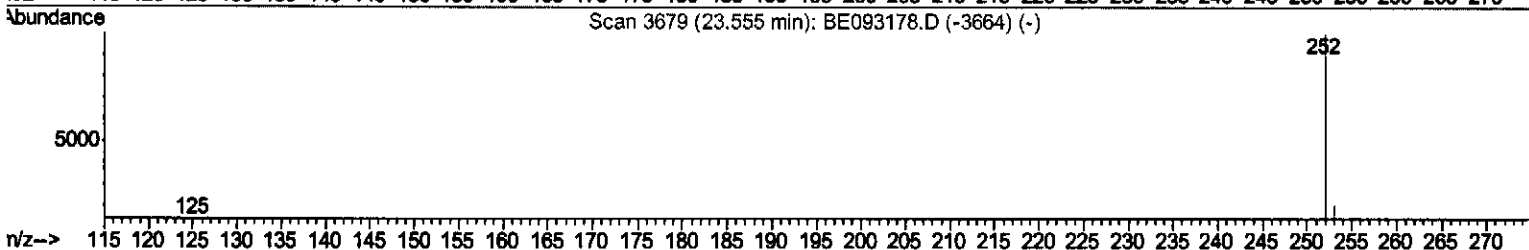
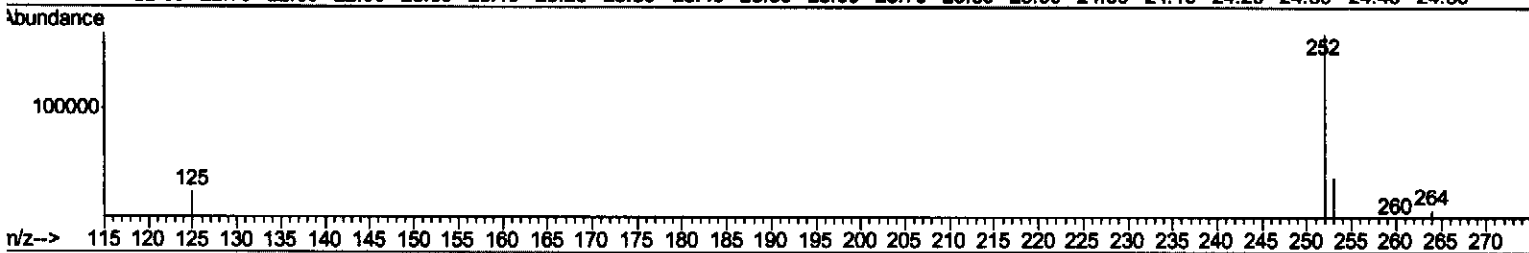
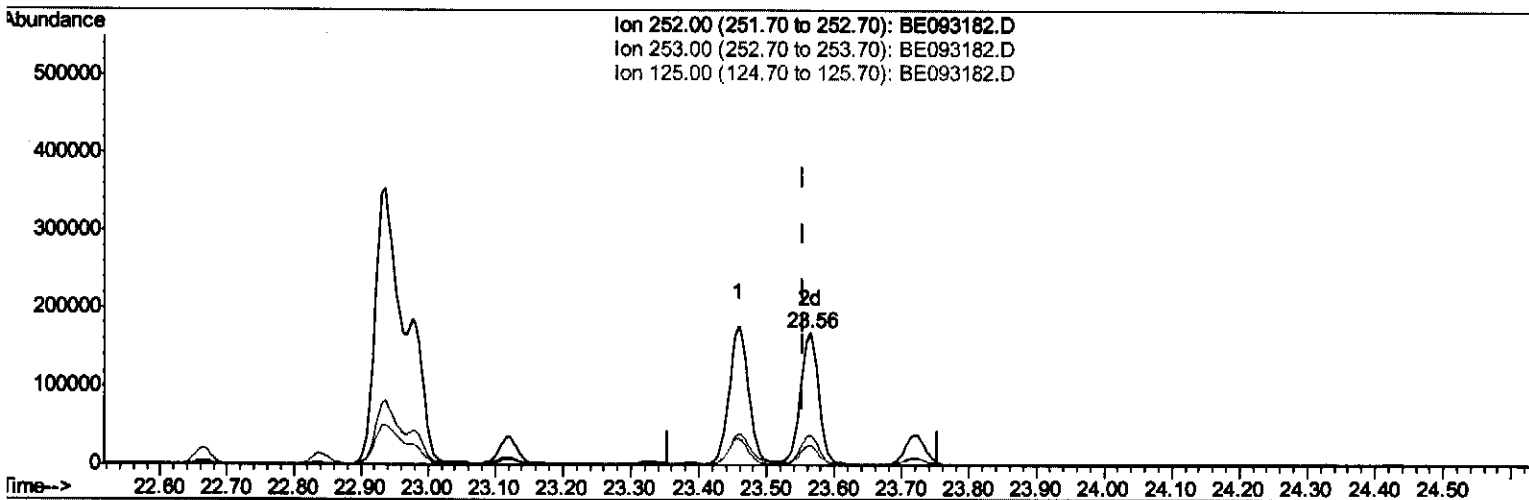
Quant Time: Jun 15 04:21:35 2017

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

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TIC: BE093182.D

(23) Benzo(a)pyrene (C)

23.564min (+0.009) 4.90ng/ul m

response 319286

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	23.00#
125.00	22.60	14.90#
0.00	0.00	0.00

SJ
06/21/17

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

Quantitation Report (Qedit)

Data File : BE093182.D

Acq On : 14 Jun 2017 22:51

Operator : SJ/MA

Sample : I3520-20

Misc :

ALS Vial : 19 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampled :

F5B77

Manual Integrations
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mohammad
6/15/2017 3:53:34 PM

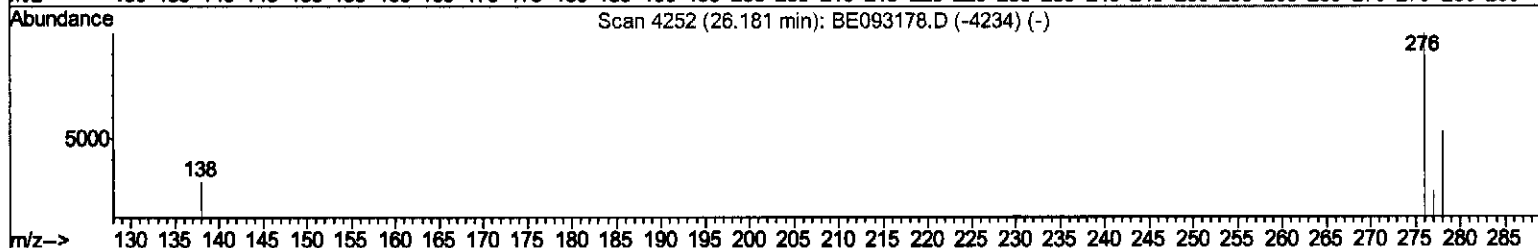
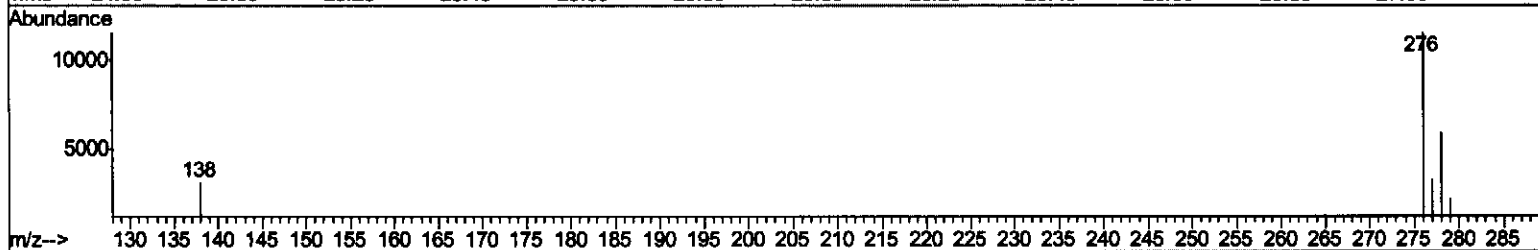
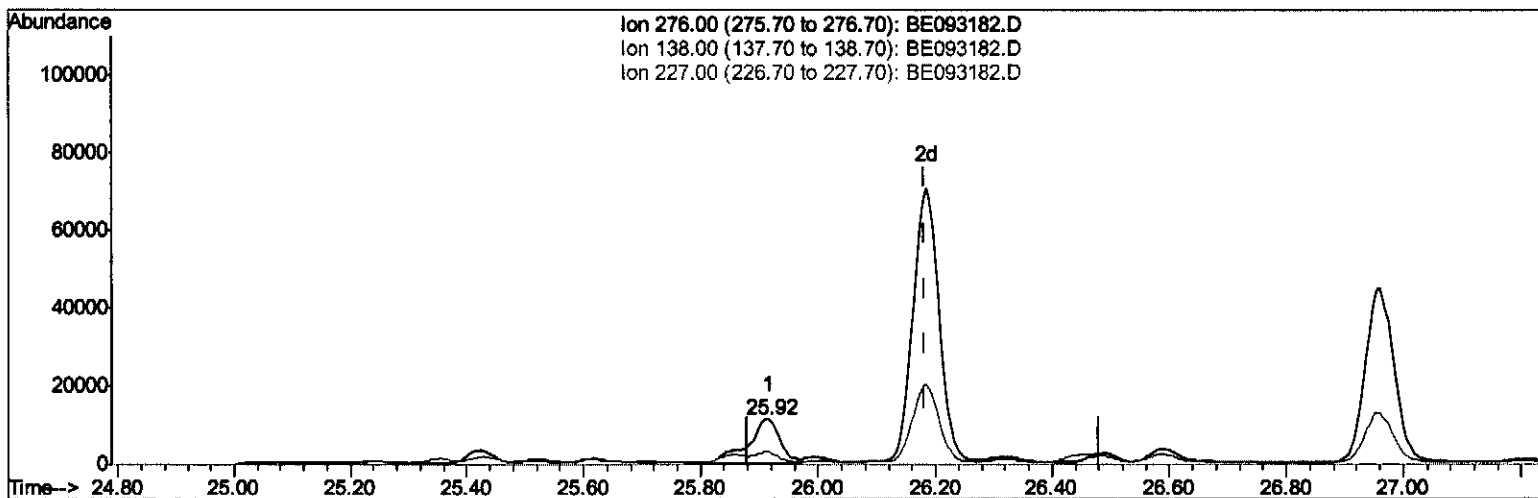
Quant Time: Jun 15 04:21:35 2017

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: BE093182.D

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

25.917min (-0.264) 0.57ng/ul

response 42962

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	16.13#
227.00	10.00	0.00#
0.00	0.00	0.00

Data File : BE093182.D

Acq On : 14 Jun 2017 22:51

Operator : SJ/MA

Sample : I3520-20

Misc :

ALS Vial : 19 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampled :

F5B77

Manual Integrations
APPROVEDmohammad
6/15/2017 3:53:34 PM

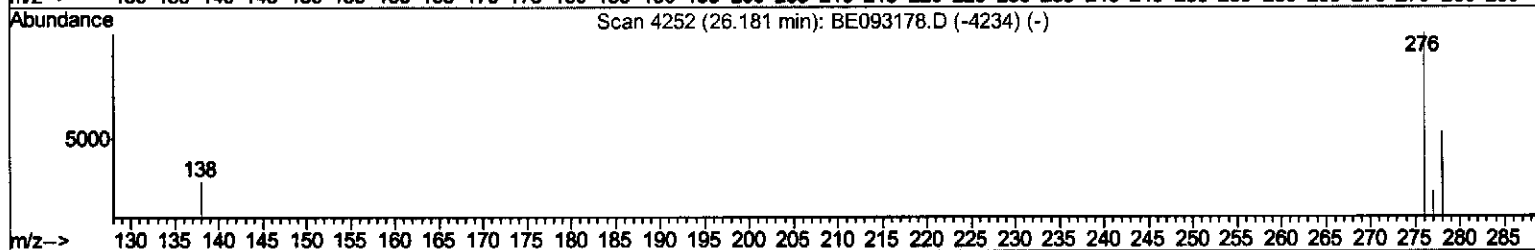
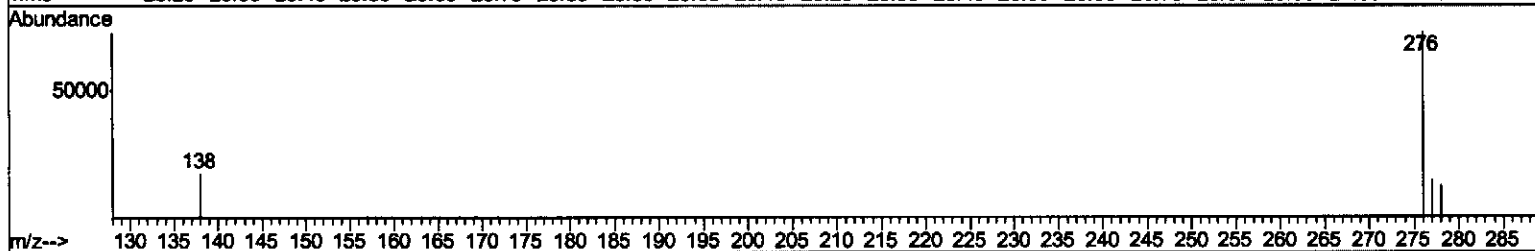
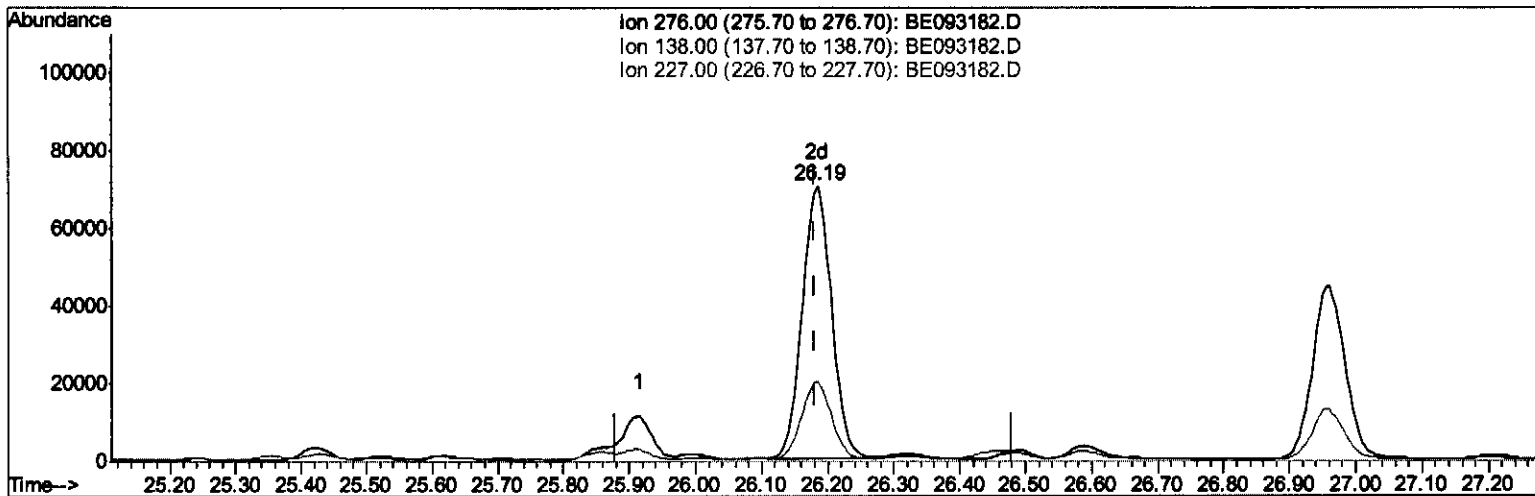
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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC: BE093182.D

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

26.185min (+0.005) 2.83ng/ul m

response 213779

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	3.24#
227.00	10.00	0.00#
0.00	0.00	0.00

SJ
06/21/17

Data File : BE093182.D

Acq On : 14 Jun 2017 22:51

Operator : SJ/MA

Sample : I3520-20

Misc :

ALS Vial : 19 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5B77

Manual Integrations
APPROVEDmohammad
6/15/2017 3:53:34 PM

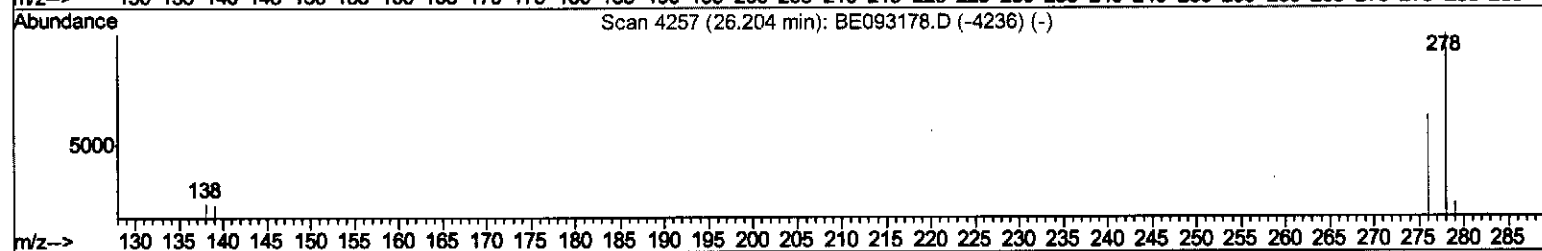
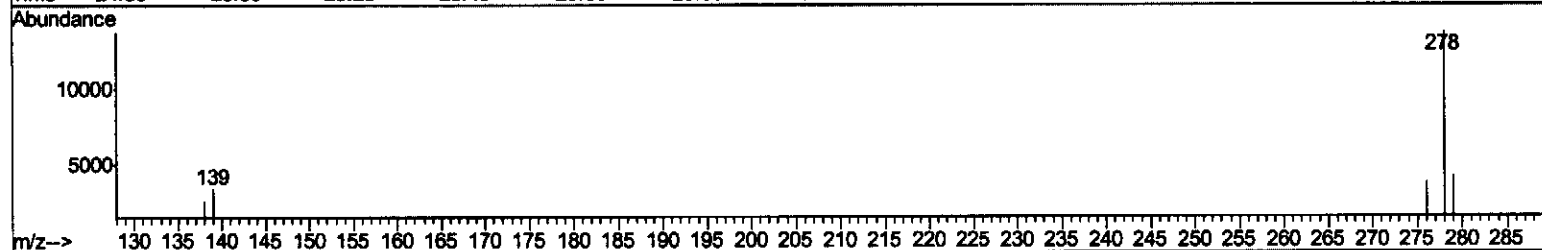
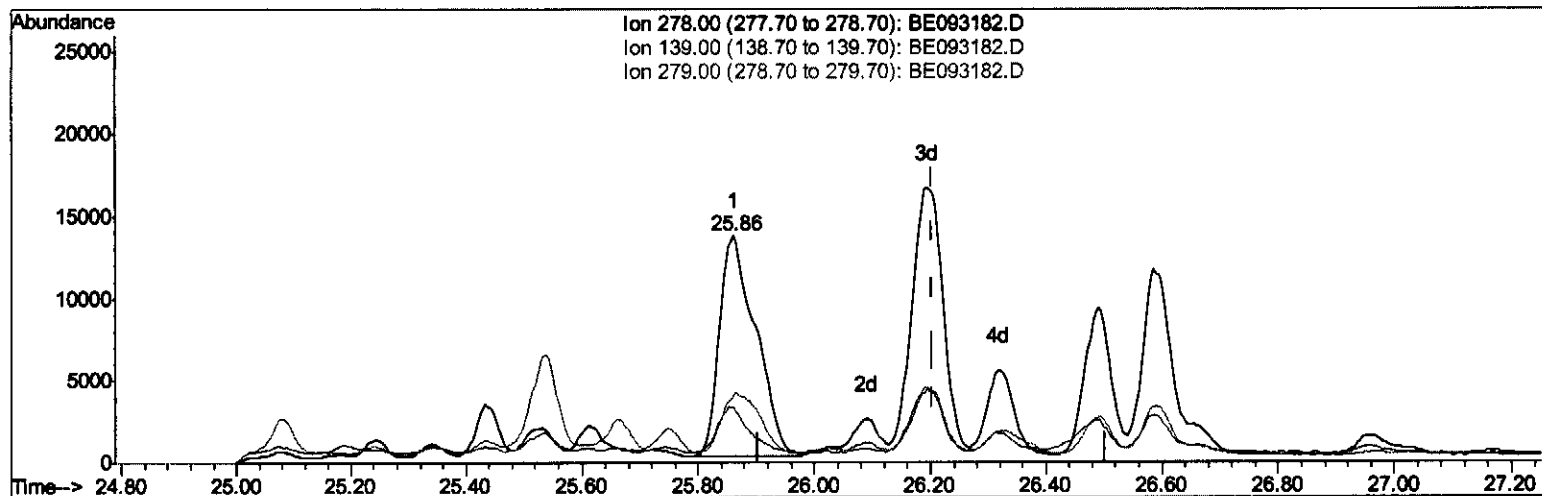
Quant Time: Jun 15 04:21:35 2017

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TIC: BE093182.D

(25) Dibenzo(a,h)anthracene

25.862min (-0.342) 0.93ng/ul

response 59040

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	24.36
279.00	32.40	29.79
0.00	0.00	0.00

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

Quantitation Report (Qedit)

Data File : BE093182.D

Acq On : 14 Jun 2017 22:51

Operator : SJ/MA

Sample : I3520-20

Misc :

ALS Vial : 19 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampled :

F5B77

Manual Integrations
APPROVED

mohammad

6/15/2017 3:53:34 PM

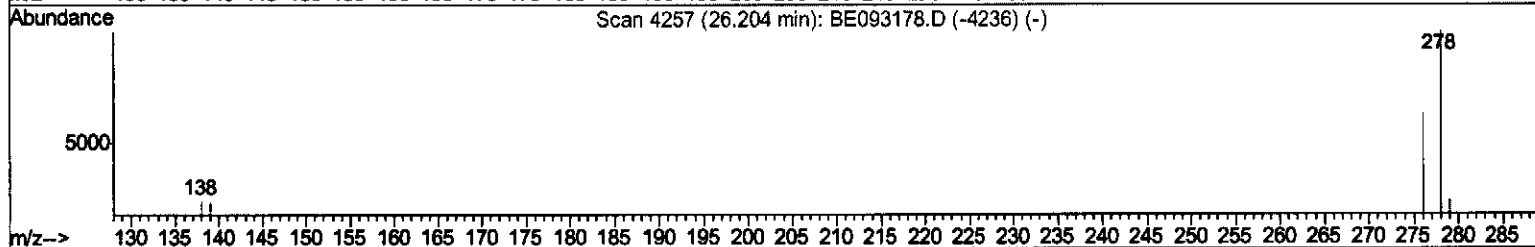
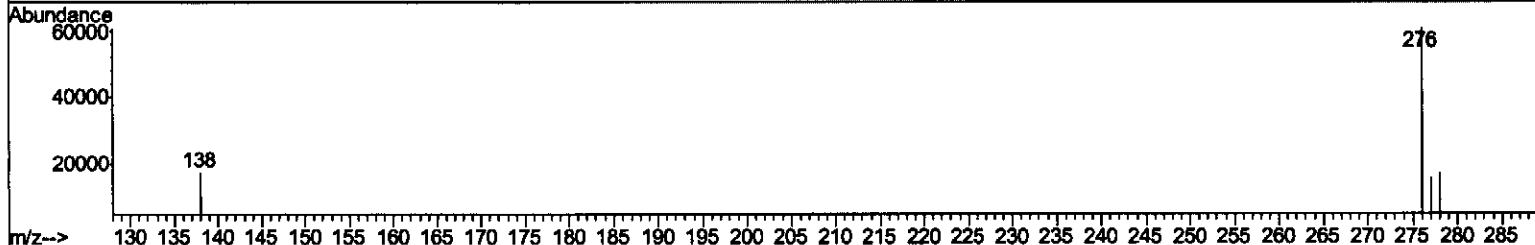
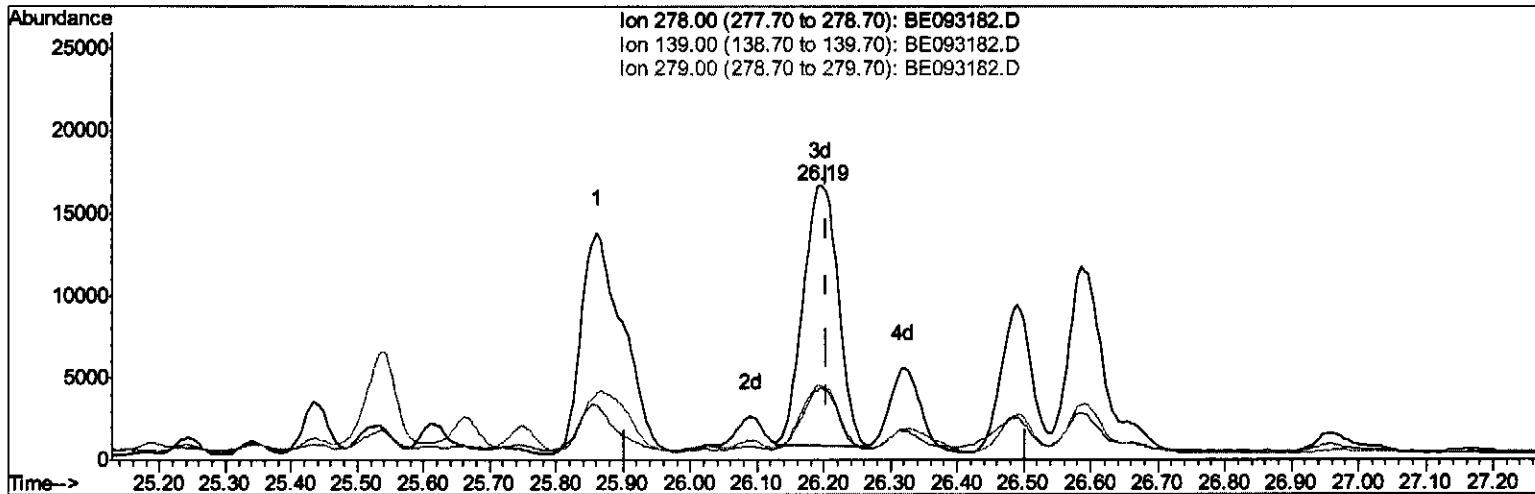
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TIC: BE093182.D

(25) Dibenzo(a,h)anthracene

26.195min (-0.009) 0.91ng/ul m

response 57777

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	26.35#
279.00	32.40	27.44
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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Acq On : 14 Jun 2017 22:51

Operator : SJ/MA

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Misc :

ALS Vial : 19 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampled :

F5B77

Manual Integrations

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6/15/2017 3:53:34 PM

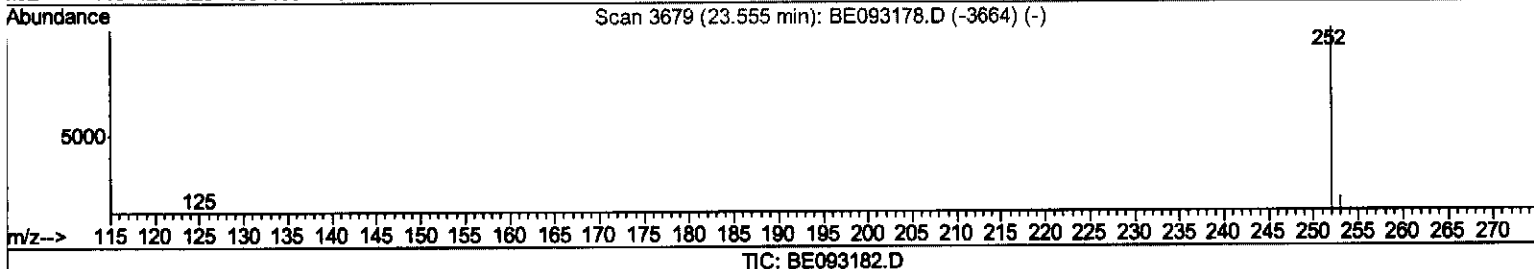
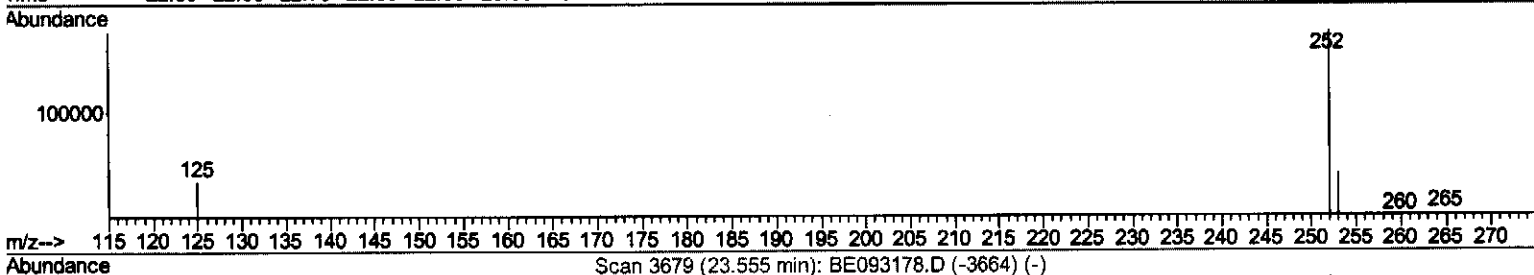
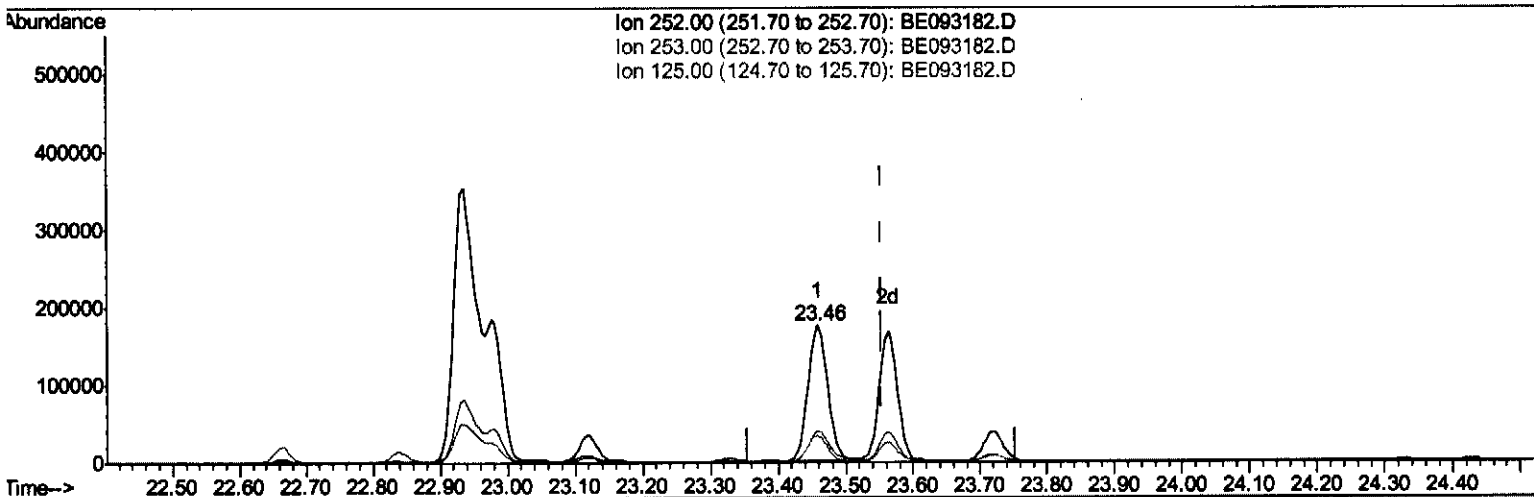
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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M

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(23) Benzo(a)pyrene (C)

23.459min (-0.096) 5.47ng/ui

response 356171

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	22.48#
125.00	22.60	19.49
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	3654	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	19399	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	12413	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	28778m	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	29279	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	22705m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.11	152	7887	0.28	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	21662	0.28	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.57	128	3876	0.08	ng/ul#	96
5) 2-Methylnaphthalene	12.19	142	1139	0.03	ng/ul	97
7) Acenaphthylene	14.09	152	36536	0.69	ng/ul	95
8) Acenaphthene	14.43	153	1587	0.04	ng/ul	96
9) Fluorene	15.42	166	1988	0.04	ng/ul#	91
12) Phenanthrene	17.14	178	88695	1.12	ng/ul#	86
13) Anthracene	17.22	178	48773	0.71	ng/ul#	85
15) Fluoranthene	19.16	202	917541	9.45	ng/ul	84
17) Pyrene	19.52	202	965016	11.18	ng/ul#	87
18) Benzo(a)anthracene	21.24	228	464076	5.94	ng/ul#	85
19) Chrysene	21.30	228	727381	8.98	ng/ul	98
21) Benzo(b)fluoranthene	22.94	252	836259	12.14	ng/ul	87
22) Benzo(k)fluoranthene	22.98	252	278042m	3.80	ng/ul	
23) Benzo(a)pyrene	23.56	252	319286m	4.90	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.19	276	213779m	2.83	ng/ul	
25) Dibenzo(a,h)anthracene	26.19	278	57777m	0.91	ng/ul	
26) Benzo(g,h,i)perylene	26.96	276	153474	2.37	ng/ul	96

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