

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

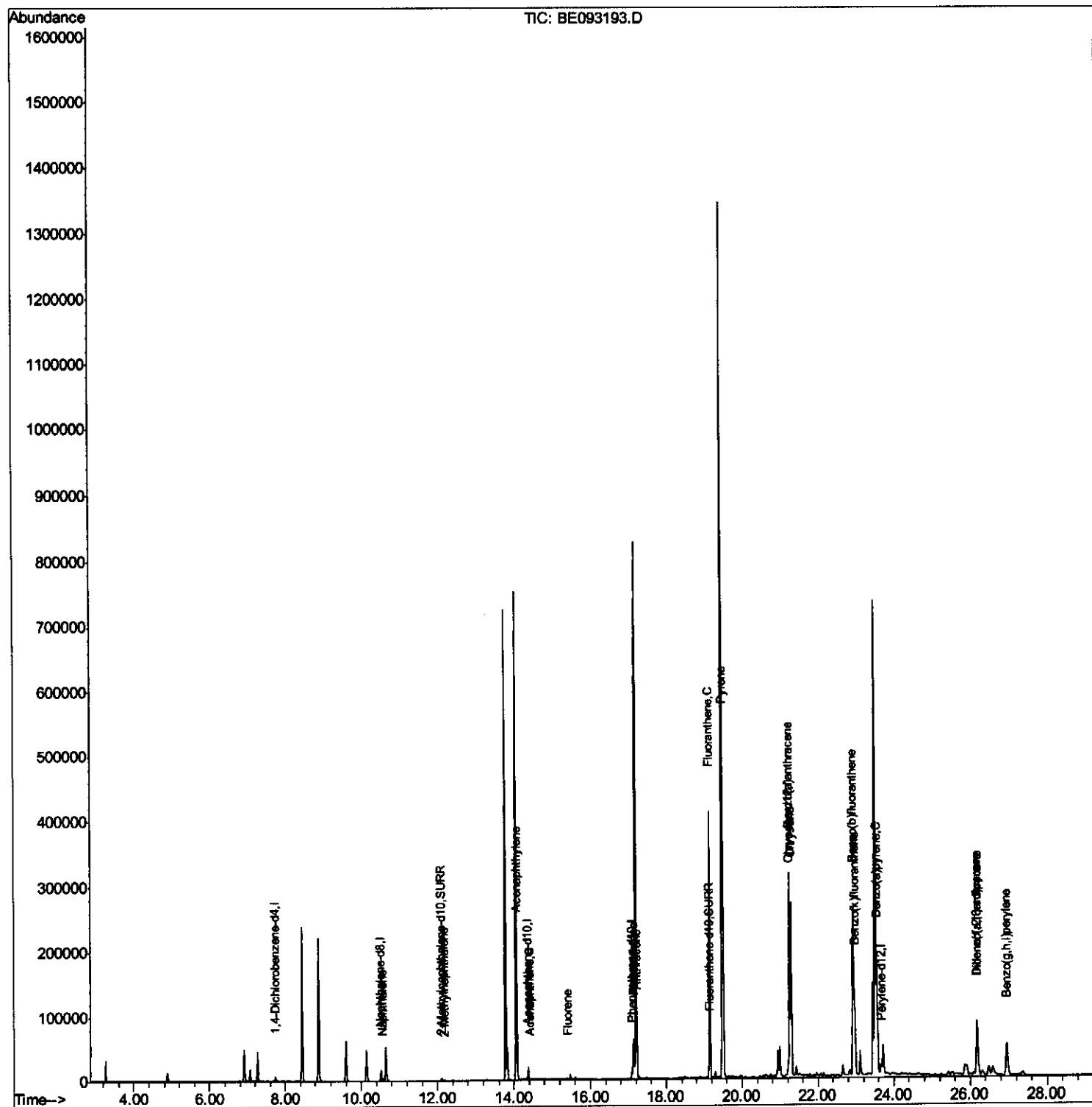
Data File : BE093193.D
Acq On : 15 Jun 2017 5:36
Operator : SJ/MA
Sample : I3521-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5B88

Manual Integrations
APPROVED

mohammad
6/15/2017 3:54:11 PM

Quant Time: Jun 15 06:39:12 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



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

Quantitation Report (Qedit)

Data File : BE093193.D

Acq On : 15 Jun 2017 5:36

Operator : SJ/MA

Sample : I3521-01

Misc :

ALS Vial : 30 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5B88

Manual Integrations
APPROVED

mohammad

6/15/2017 3:54:11 PM

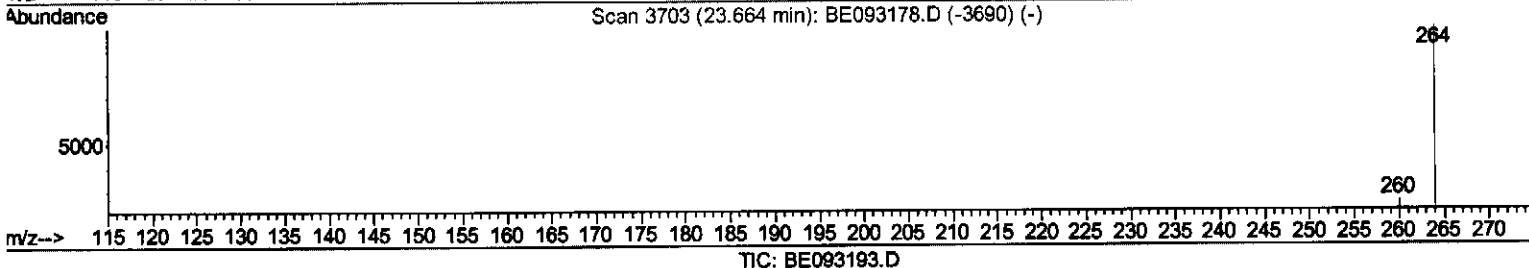
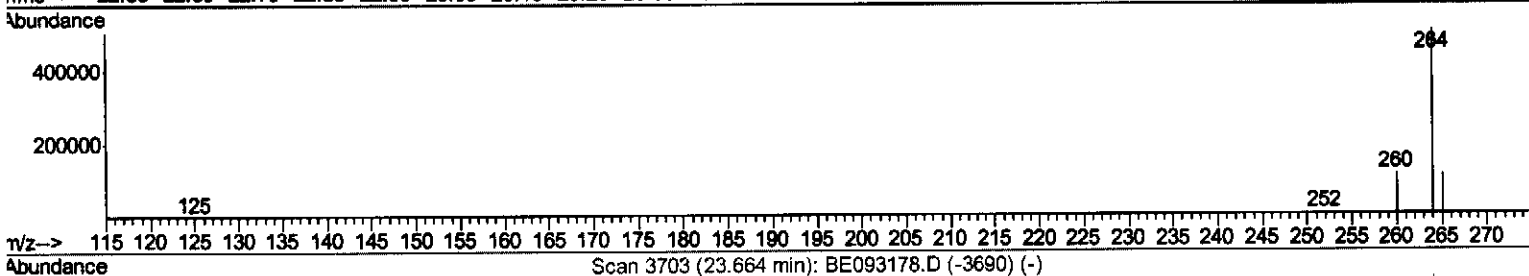
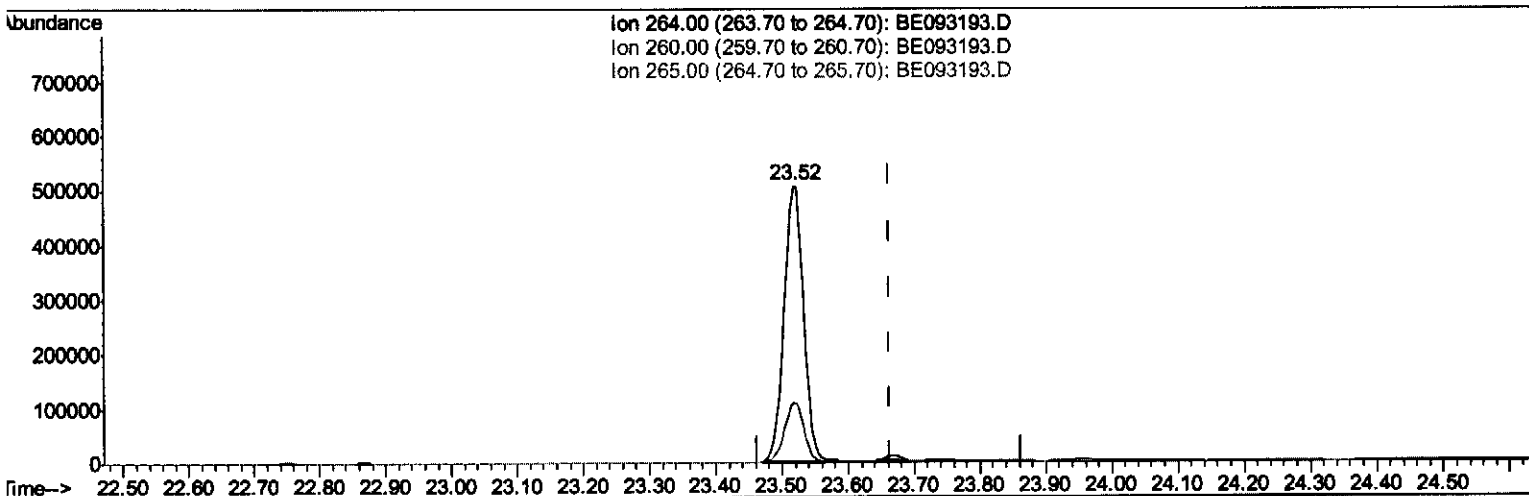
Quant Time: Jun 15 06:32:49 2017

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)

23.518min (-0.146) 0.40ng/ui

response 1034095

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.99#
265.00	103.50	21.68#
0.00	0.00	0.00

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

Quantitation Report (Qedit)

Data File : BE093193.D

Acq On : 15 Jun 2017 5:36

Operator : SJ/MA

Sample : I3521-01

Misc :

ALS Vial : 30 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampled :

F5B88

Manual Integrations
APPROVED

mohammad
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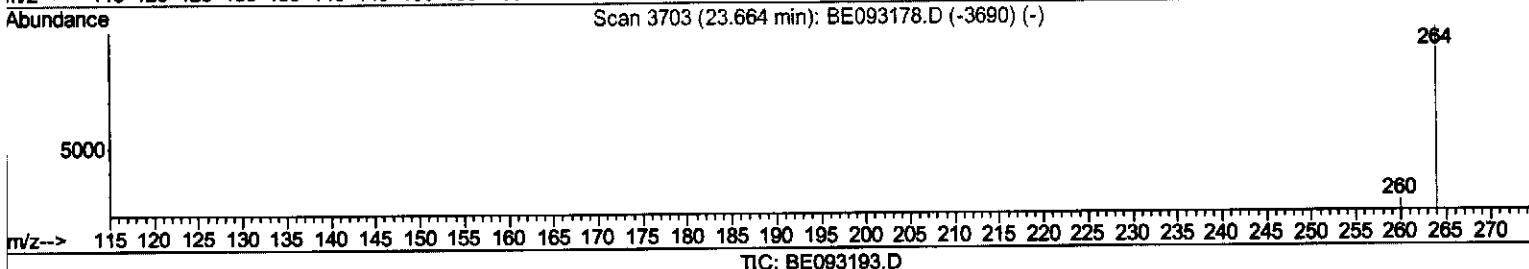
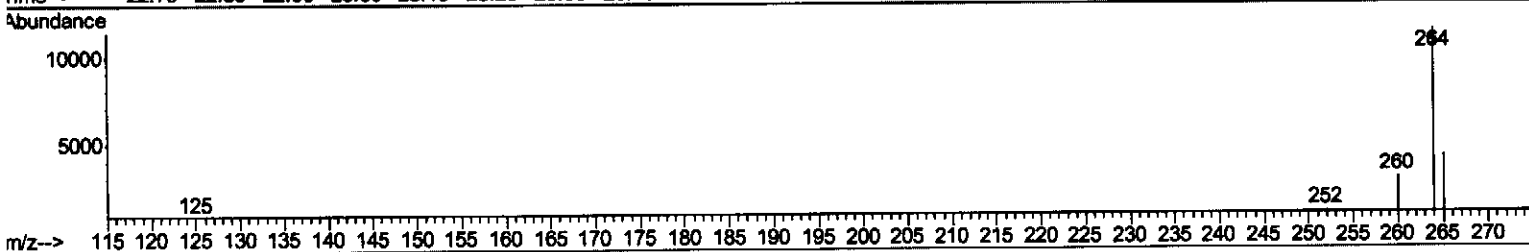
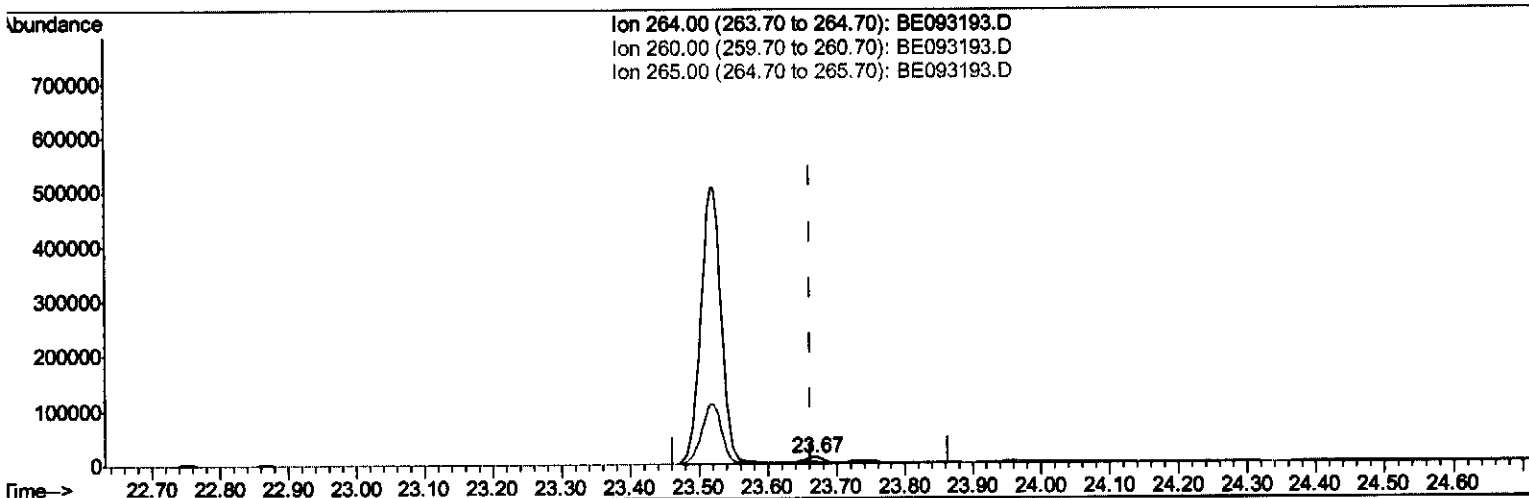
Quant Time: Jun 15 06:32:49 2017

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)

23.669min (+0.005) 0.40ng/ul m

response 20138

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	25.89
265.00	103.50	37.03#
0.00	0.00	0.00

SJ
06/21/17

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

Quantitation Report (Qedit)

Data File : BE093193.D

Acq On : 15 Jun 2017 5:36

Operator : SJ/MA

Sample : I3521-01

Misc :

ALS Vial : 30 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5B88

Manual Integrations
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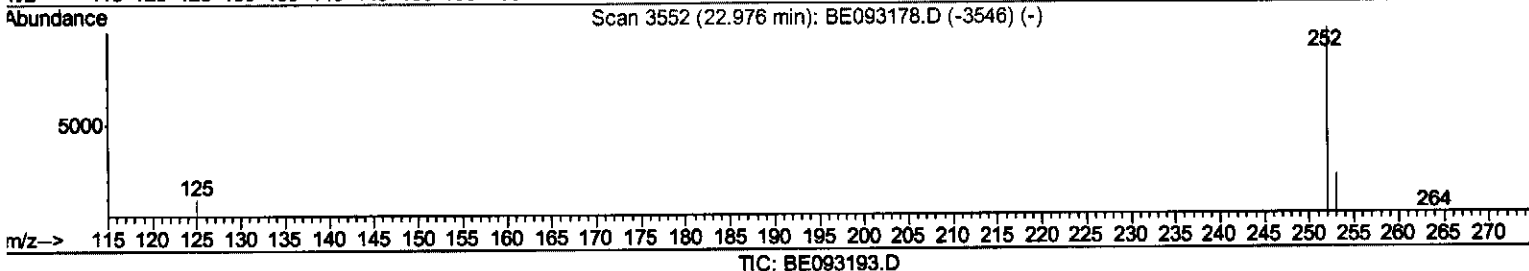
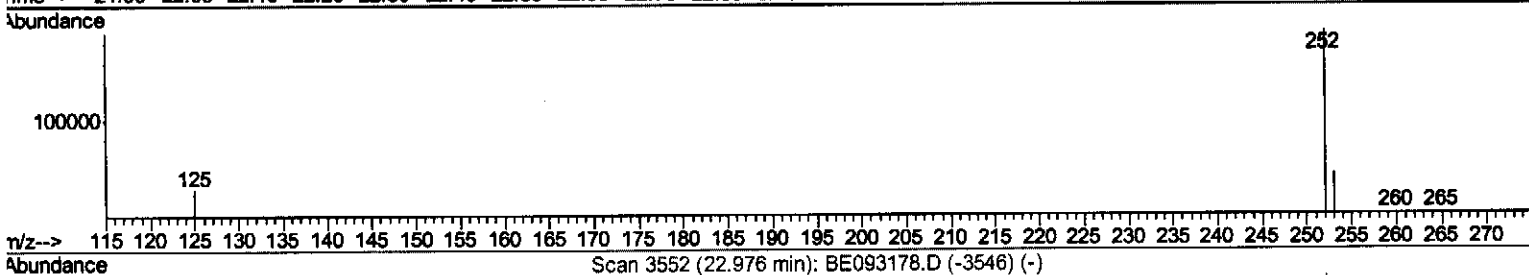
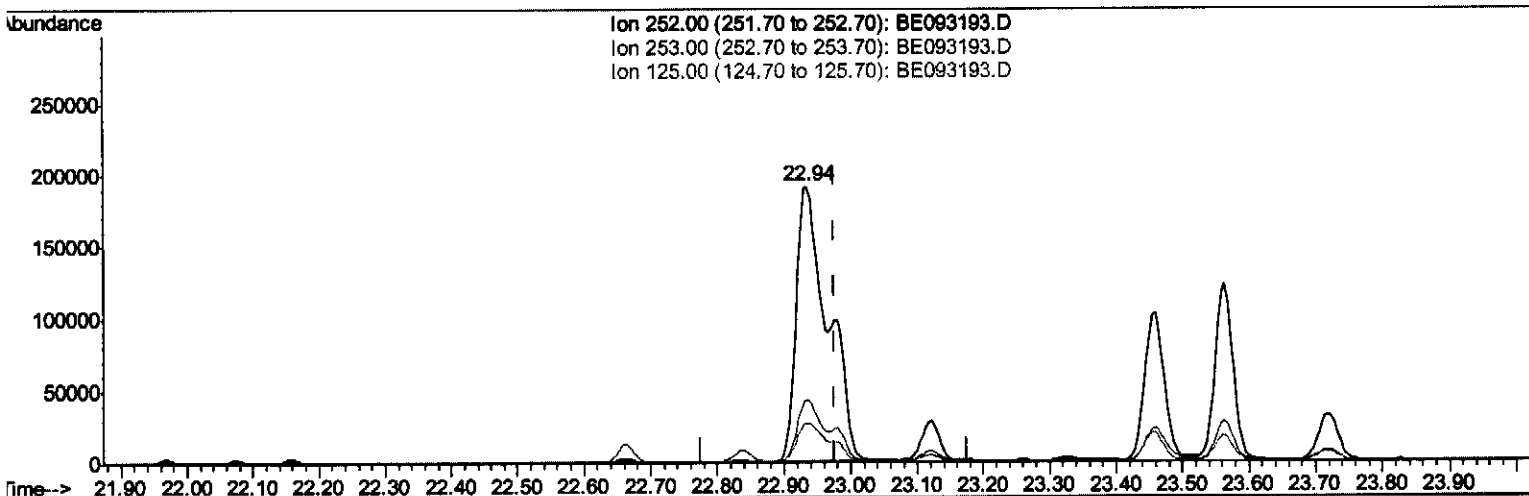
Quant Time: Jun 15 06:37:57 2017

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



(22) Benzo(k)fluoranthene

22.935min (-0.041) 9.58ng/ul

response 621794

ion	Exp%	Act%
252.00	100	100
253.00	30.60	22.90#
125.00	17.10	14.24
0.00	0.00	0.00

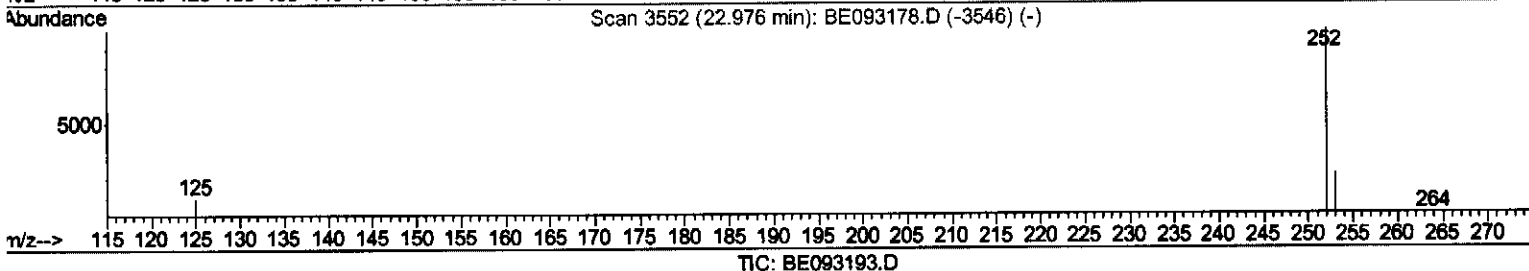
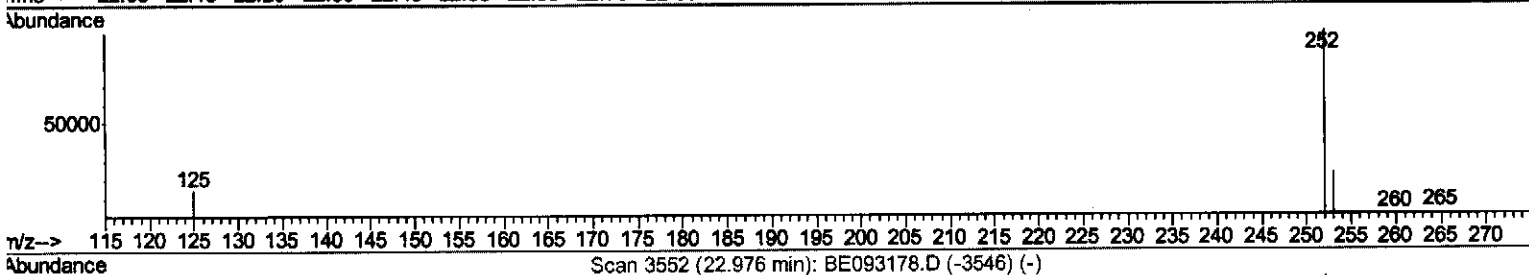
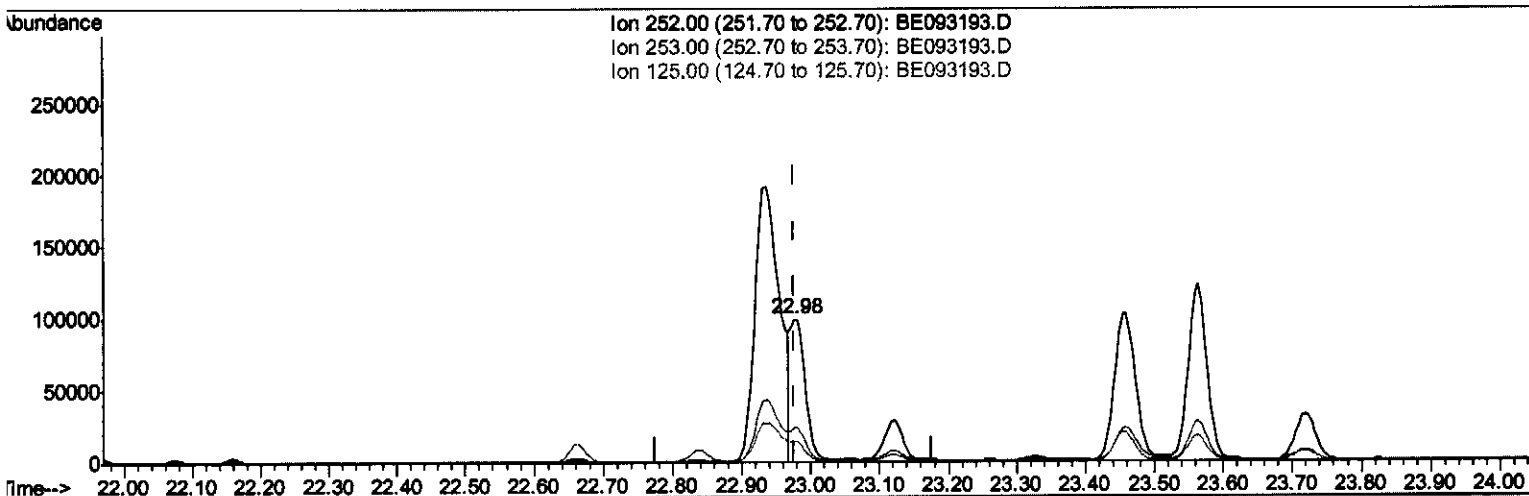
Data File : BE093193.D
Acq On : 15 Jun 2017 5:36
Operator : SJ/MA
Sample : I3521-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
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Manual Integrations
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Quant Time: Jun 15 06:37:57 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



(22) Benzo(k)fluoranthene

22.976min (+0.000) 2.31ng/ul m

response 149869

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.49#
125.00	17.10	14.37
0.00	0.00	0.00

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

Quantitation Report (Qedit)

Data File : BE093193.D

Acq On : 15 Jun 2017 5:36

Operator : SJ/MA

Sample : I3521-01

Misc :

ALS Vial : 30 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5B88

Manual Integrations
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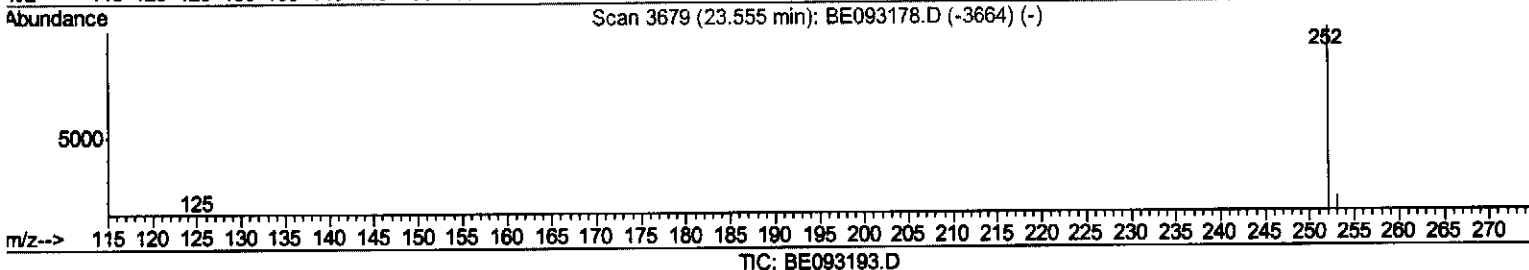
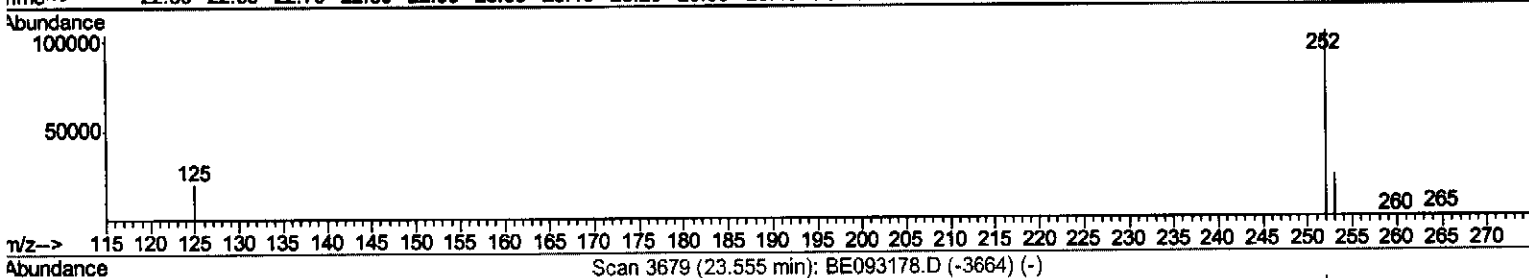
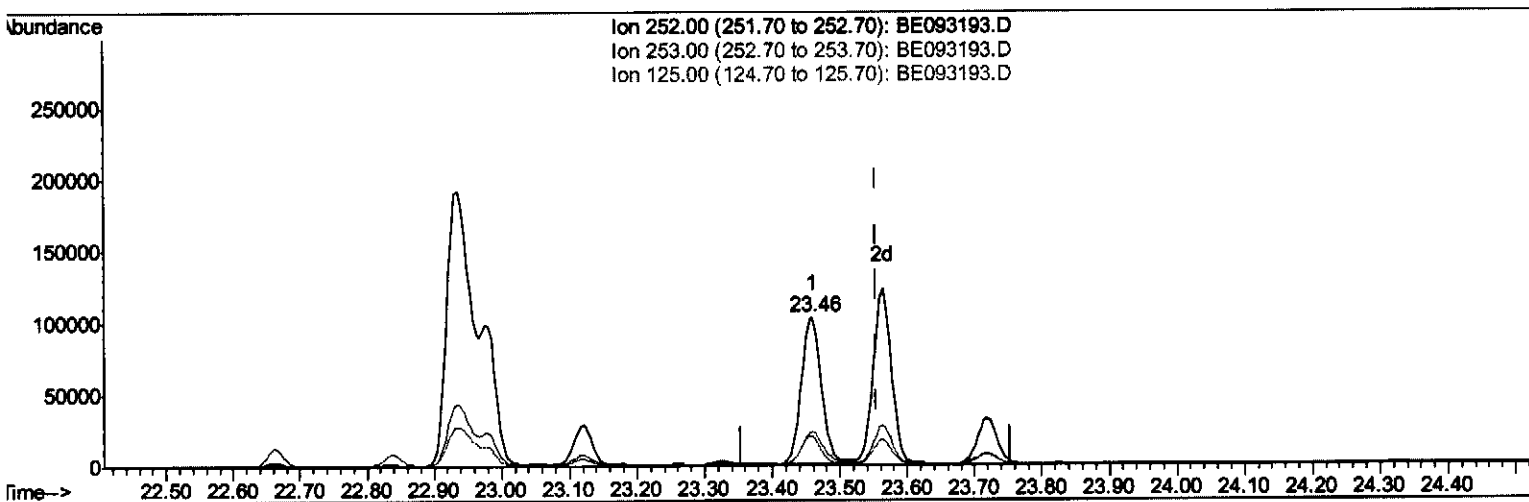
Quant Time: Jun 15 06:37:57 2017

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



(23) Benzo(a)pyrene (C)

23.459min (-0.096) 3.69ng/ul

response 213425

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	23.01#
125.00	22.60	19.36
0.00	0.00	0.00

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

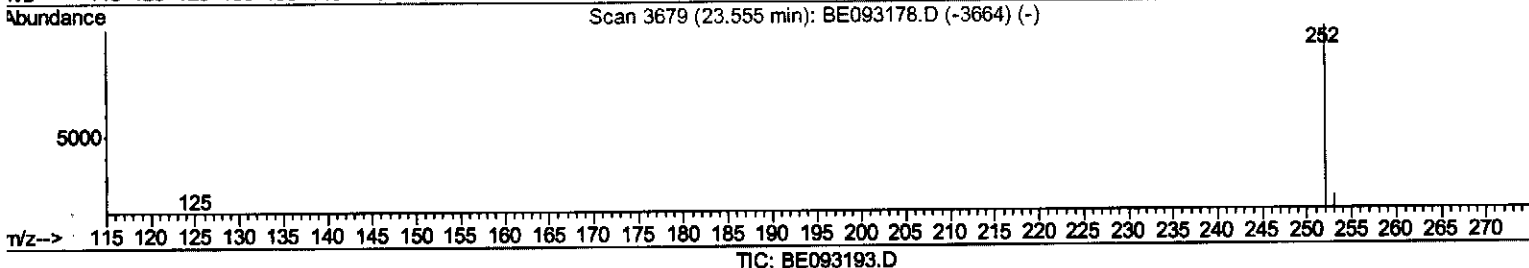
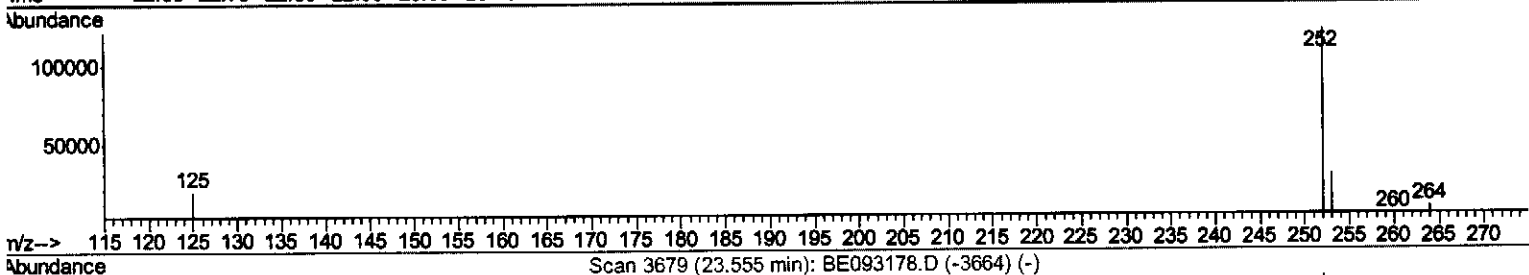
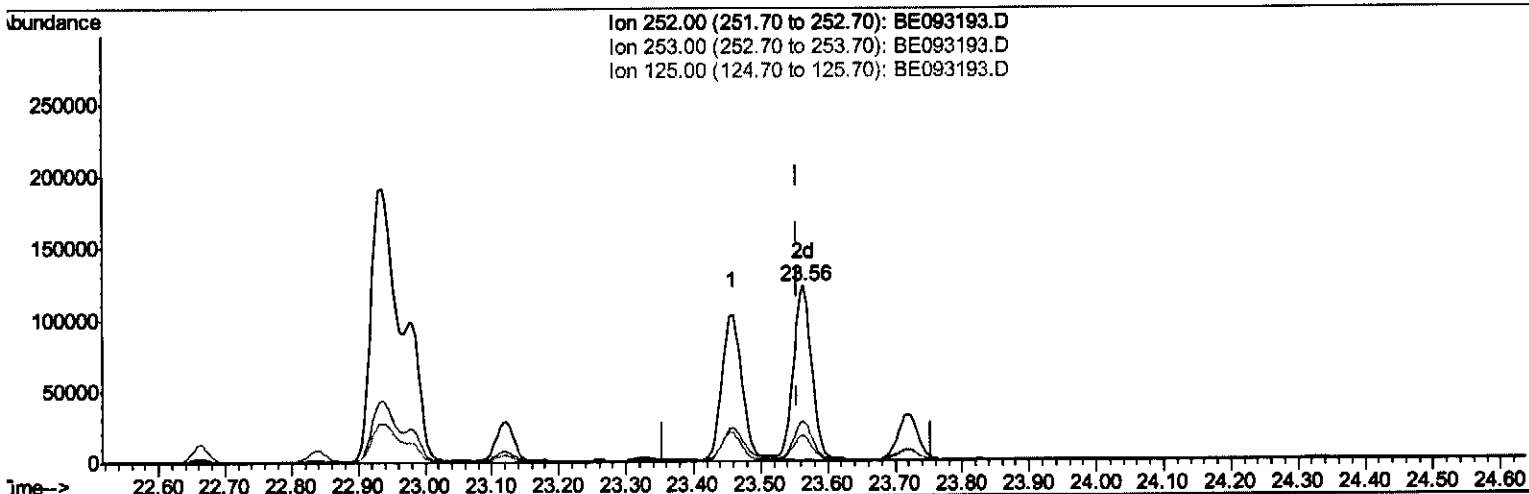
Data File : BE093193.D
Acq On : 15 Jun 2017 5:36
Operator : SJ/MA
Sample : I3521-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5B88

Manual Integrations
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Quant Time: Jun 15 06:37:57 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



(23) Benzo(a)pyrene (C)

23.564min (+0.009) 4.03ng/ul m

response 232586

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	23.09#
125.00	22.60	14.99#
0.00	0.00	0.00

55
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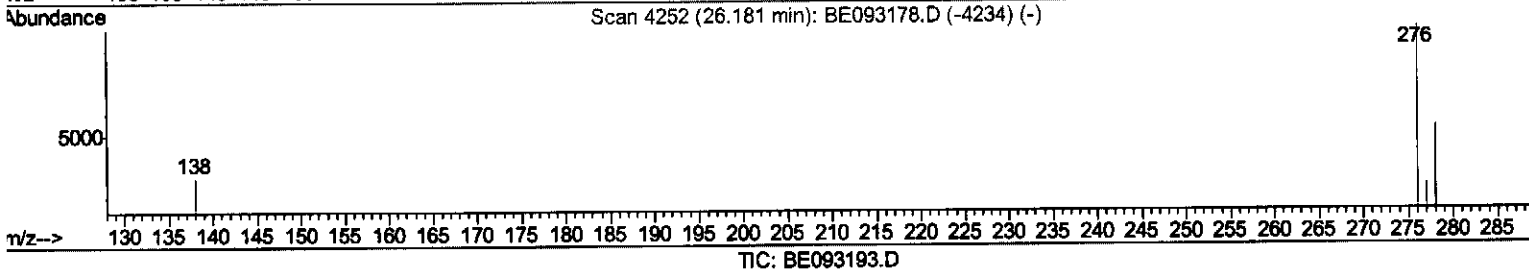
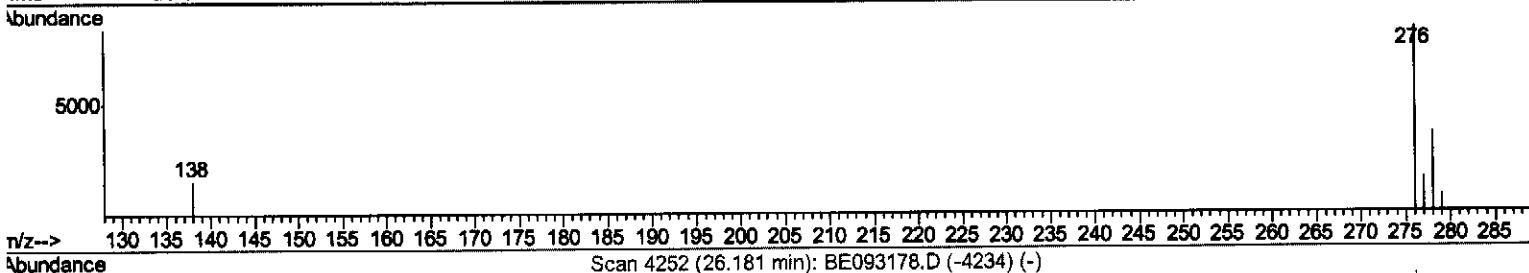
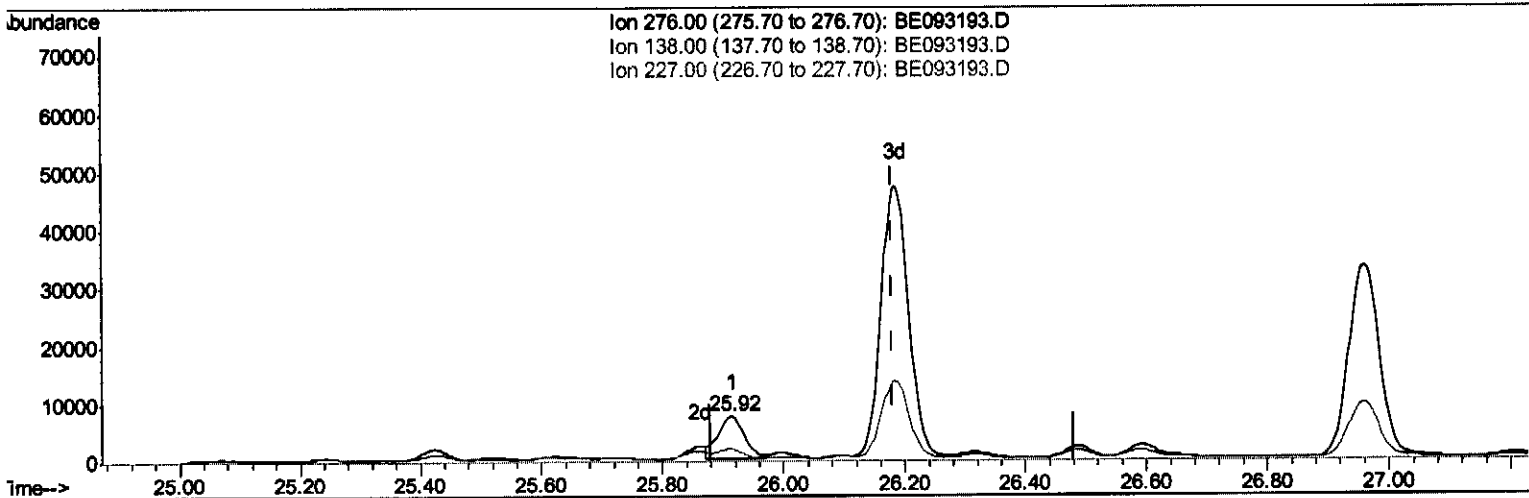
Data File : BE093193.D
 Acq On : 15 Jun 2017 5:36
 Operator : SJ/MA
 Sample : I3521-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 F5B88

Manual Integrations
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Quant Time: Jun 15 06:37:57 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



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

25.917min (-0.264) 0.34ng/ul

response 22775

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	20.76#
227.00	10.00	0.00#
0.00	0.00	0.00

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

Quantitation Report (Qedit)

Data File : BE093193.D

Acq On : 15 Jun 2017 5:36

Operator : SJ/MA

Sample : I3521-01

Misc :

ALS Vial : 30 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampled :

F5B88

Manual Integrations
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6/15/2017 3:54:11 PM

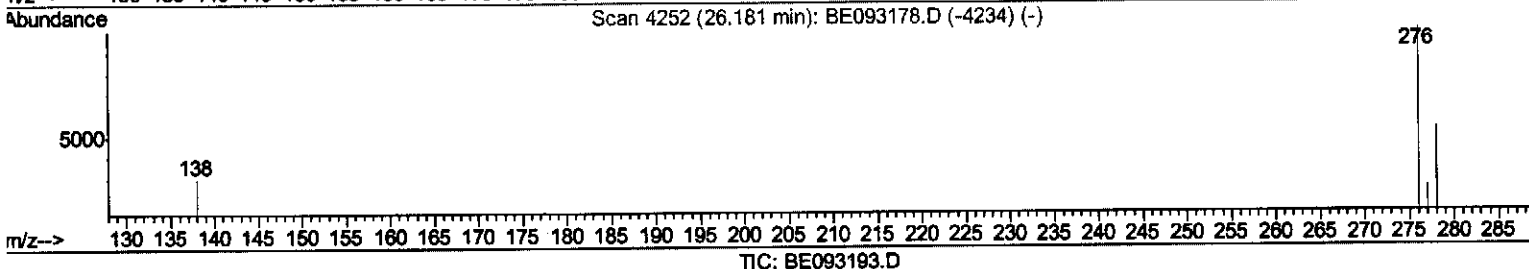
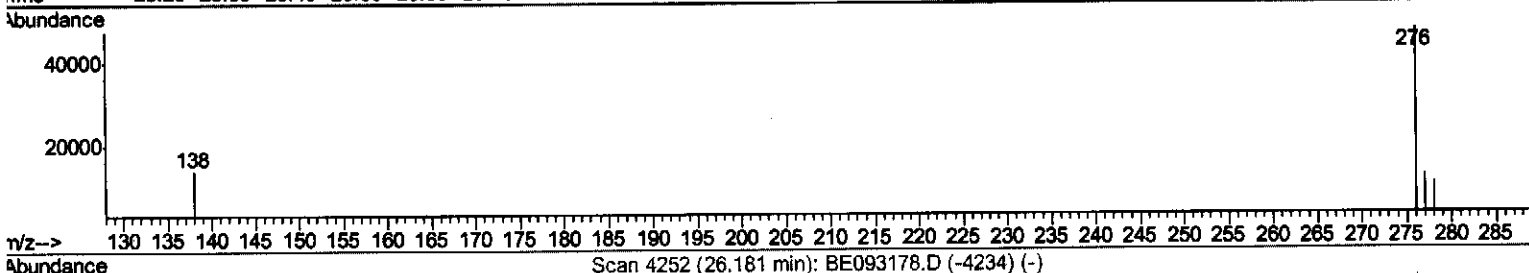
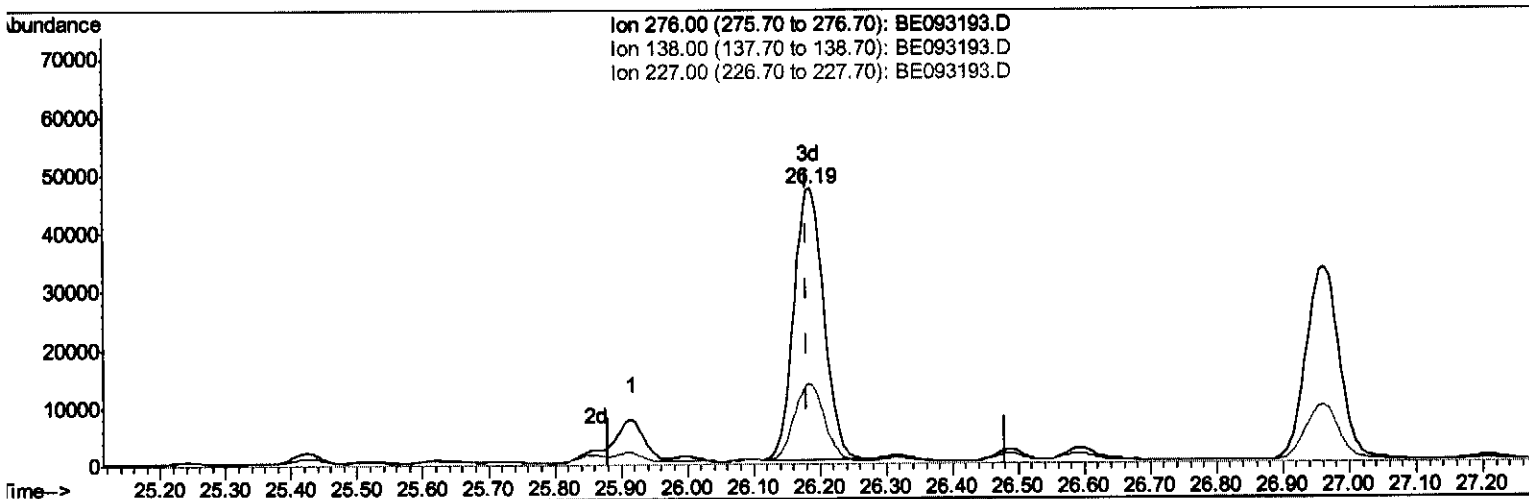
Quant Time: Jun 15 06:37:57 2017

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



TIC: BE093193.D

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

26.185min (+0.005) 2.20ng/ul m

response 147075

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	3.22#
227.00	10.00	0.00#
0.00	0.00	0.00

> 53
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Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\

Quantitation Report (Qedit)

Data File : BE093193.D

Acq On : 15 Jun 2017 5:36

Operator : SJ/MA

Sample : I3521-01

Misc :

ALS Vial : 30 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampled :

F5B88

Manual Integrations

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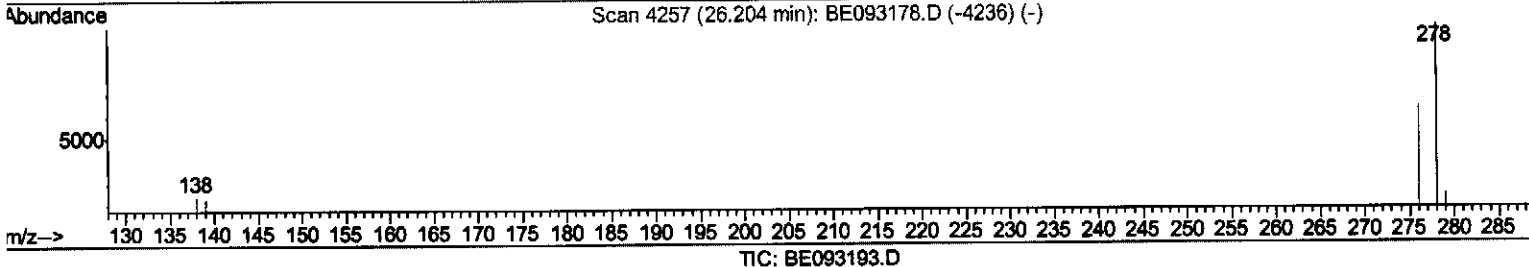
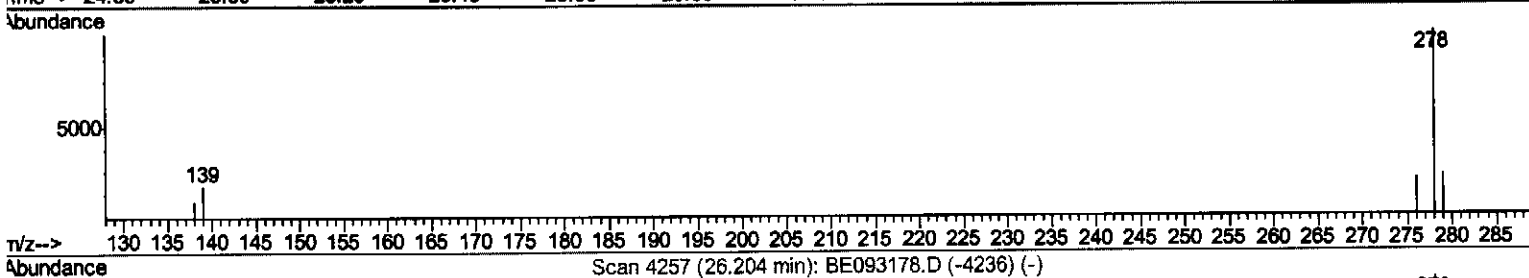
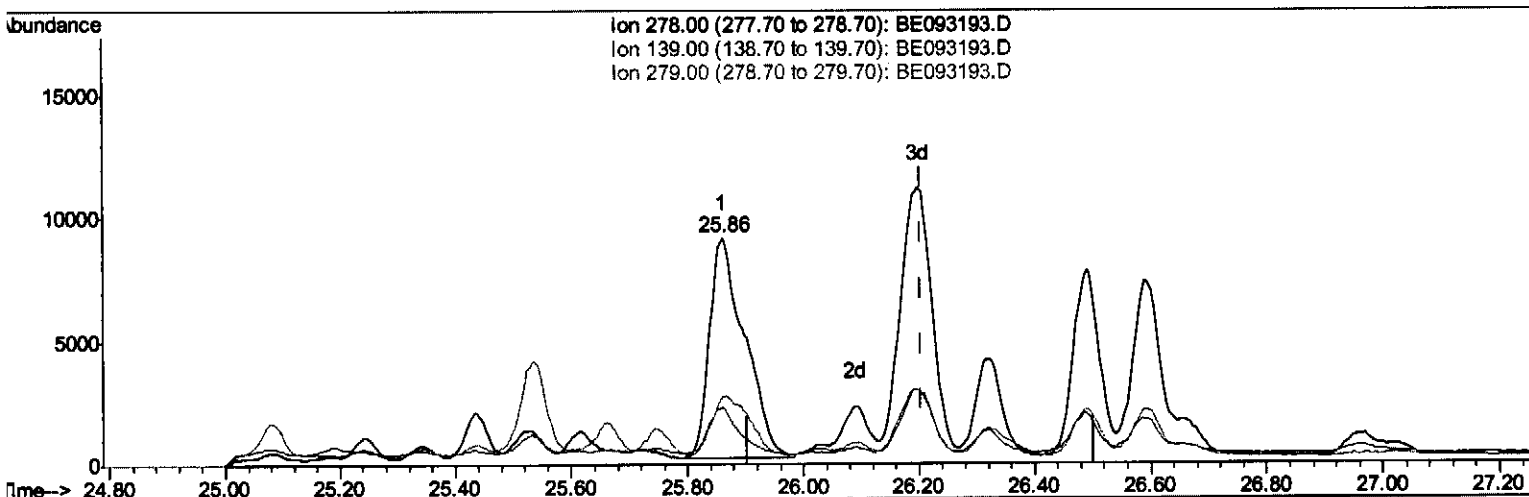
Quant Time: Jun 15 06:37:57 2017

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

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(25) Dibenzo(a,h)anthracene

25.862min (-0.342) 0.67ng/ul

response 37878

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	25.67
279.00	32.40	29.87
0.00	0.00	0.00

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

Quantitation Report (Qedit)

Data File : BE093193.D

Acq On : 15 Jun 2017 5:36

Operator : SJ/MA

Sample : I3521-01

Misc :

ALS Vial : 30 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampled :

F5B88

Manual Integrations
APPROVED

mohammad

6/15/2017 3:54:11 PM

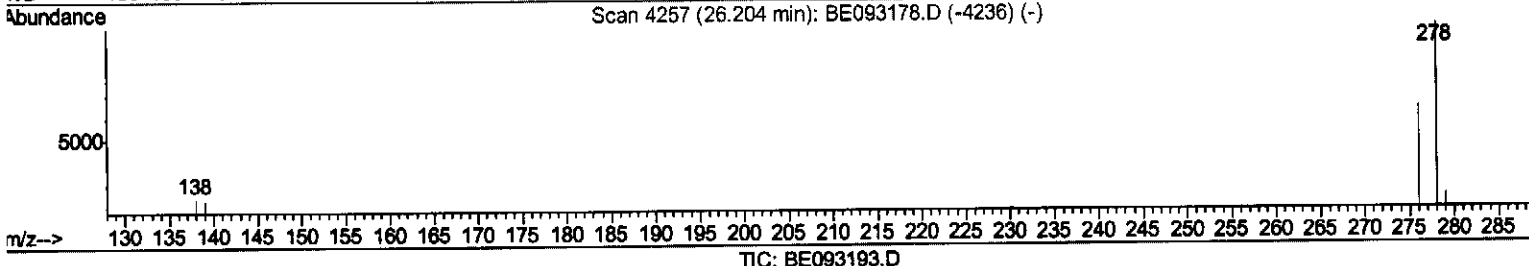
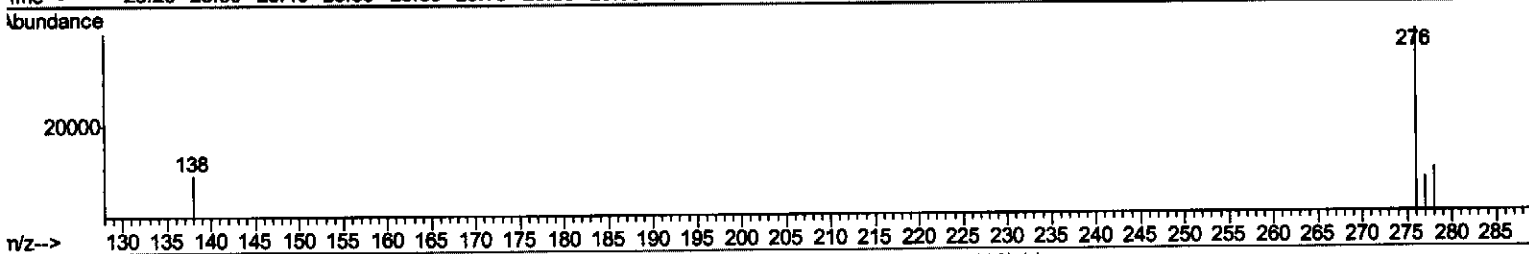
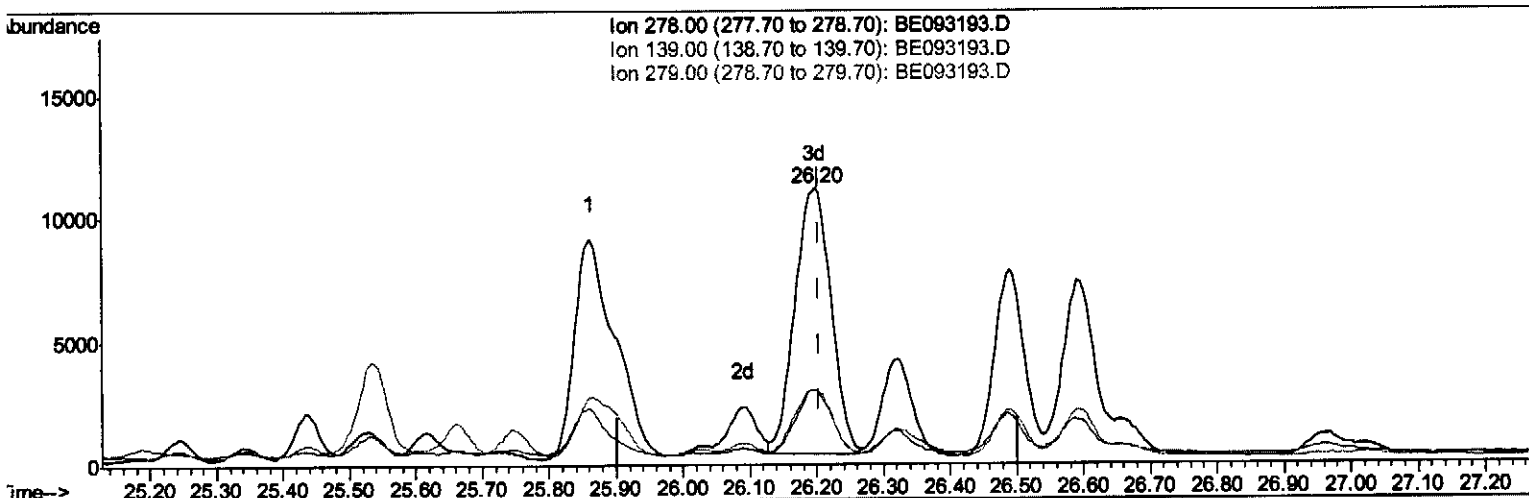
Quant Time: Jun 15 06:37:57 2017

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

Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

26.199min (-0.005) 0.72ng/ul m

response 40428

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	26.89#
279.00	32.40	27.02
0.00	0.00	0.00

> SJ
06/21/17

Data File : BE093193.D
Acq On : 15 Jun 2017 5:36
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BNA_E
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	3448	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	17391	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	10431	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	23433	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	23912	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	20138m	0.40	ng/ul	0.00

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System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.11	152	5740	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	14942	0.23	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.57	128	5034	0.12	ng/ul#	95
5) 2-Methylnaphthalene	12.19	142	1130	0.04	ng/ul	98
7) Acenaphthylene	14.08	152	27598	0.62	ng/ul	97
8) Acenaphthene	14.43	153	813	0.02	ng/ul#	93
9) Fluorene	15.42	166	1060	0.03	ng/ul#	90
12) Phenanthrene	17.14	178	66895	1.04	ng/ul#	86
13) Anthracene	17.22	178	42623	0.76	ng/ul#	87
15) Fluoranthene	19.16	202	438051	5.54	ng/ul	83
17) Pyrene	19.52	202	492529	6.98	ng/ul#	85
18) Benzo(a)anthracene	21.25	228	266039	4.17	ng/ul#	84
19) Chrysene	21.30	228	307466	4.65	ng/ul	97
21) Benzo(b)fluoranthene	22.94	252	477076	7.81	ng/ul	87
22) Benzo(k)fluoranthene	22.98	252	149869m	2.31	ng/ul	
23) Benzo(a)pyrene	23.56	252	232586m	4.03	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.19	276	147075m	2.20	ng/ul	
25) Dibenzo(a,h)anthracene	26.20	278	40428m	0.72	ng/ul	
26) Benzo(g,h,i)perylene	26.96	276	117392	2.05	ng/ul	96

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