

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

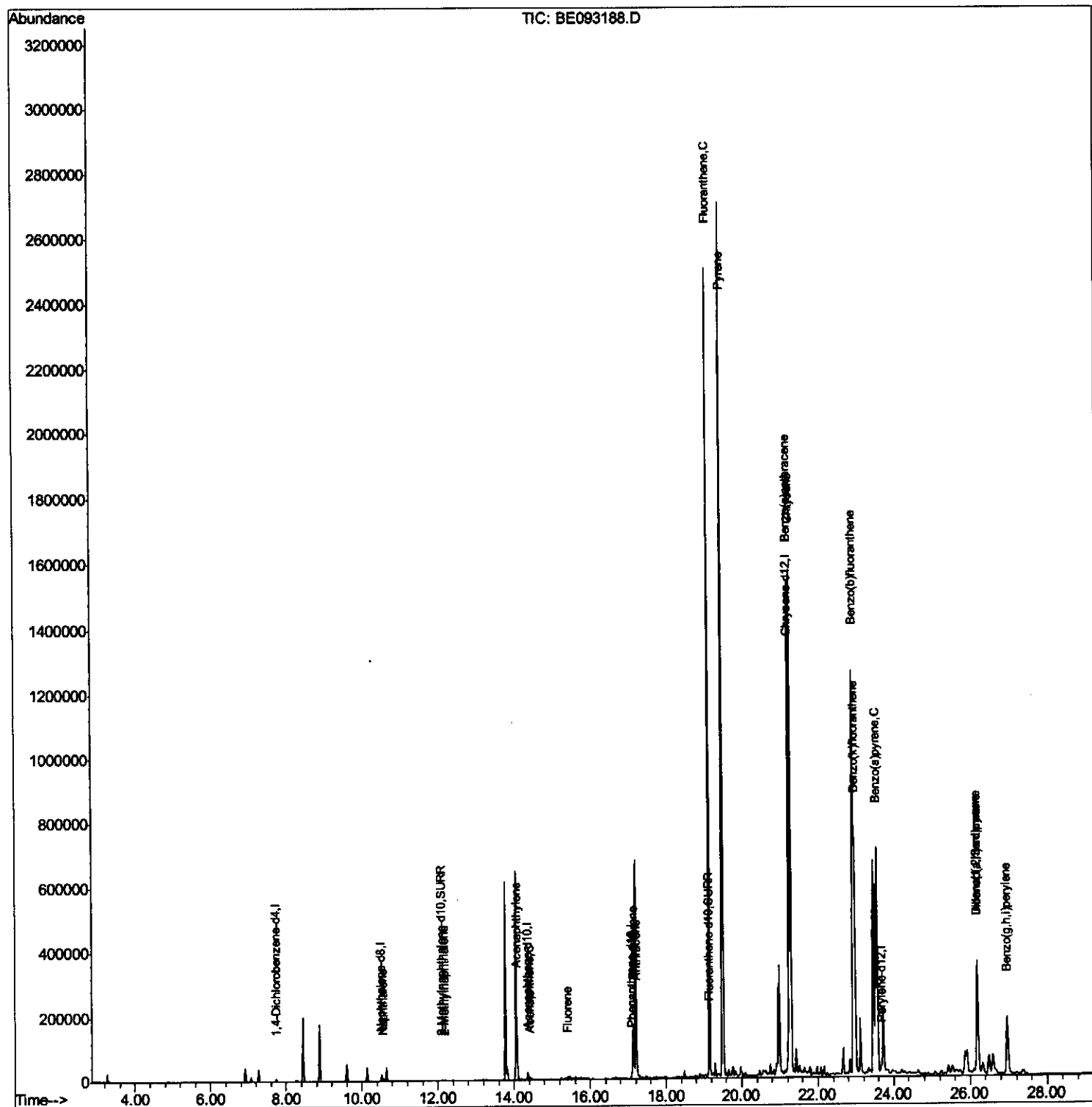
Data File : BE093188.D
Acq On : 15 Jun 2017 2:31
Operator : SJ/MA
Sample : I3522-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
F5C84

Manual Integrations
APPROVED

mohammad
6/15/2017 3:54:03 PM

Quant Time: Jun 15 04:47:35 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



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

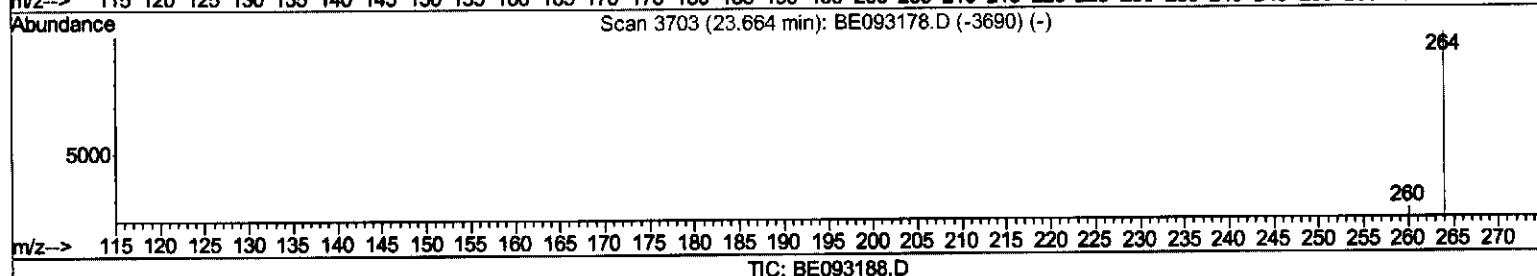
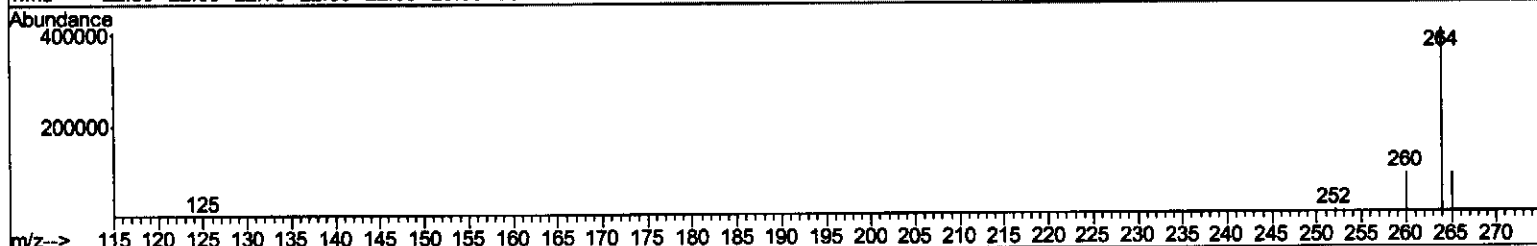
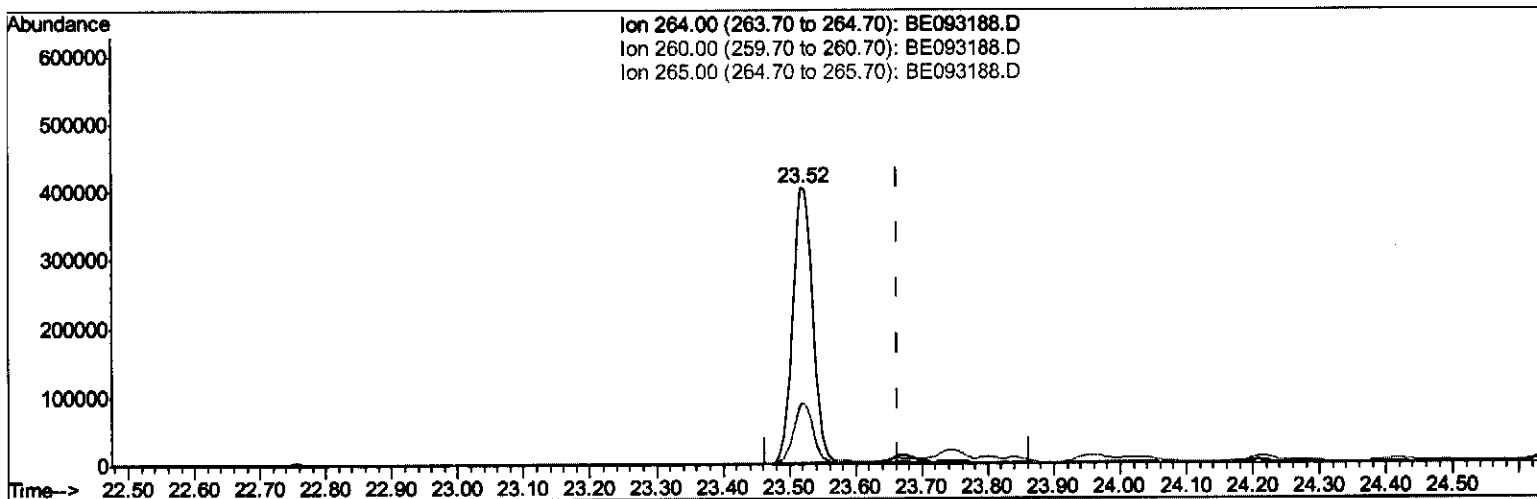
Data File : BE093188.D
Acq On : 15 Jun 2017 2:31
Operator : SJ/MA
Sample : I3522-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
F5C84

Manual Integrations
APPROVED

mohammad
6/15/2017 3:54:03 PM

Quant Time: Jun 15 04:01:31 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 849175

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	22.07#
265.00	103.50	21.69#
0.00	0.00	0.00

Data File : BE093188.D

Acq On : 15 Jun 2017 2:31

Operator : SJ/MA

Sample : I3522-03

Misc :

ALS Vial : 25 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5C84

Manual Integrations
APPROVEDmohammad
6/15/2017 3:54:03 PM

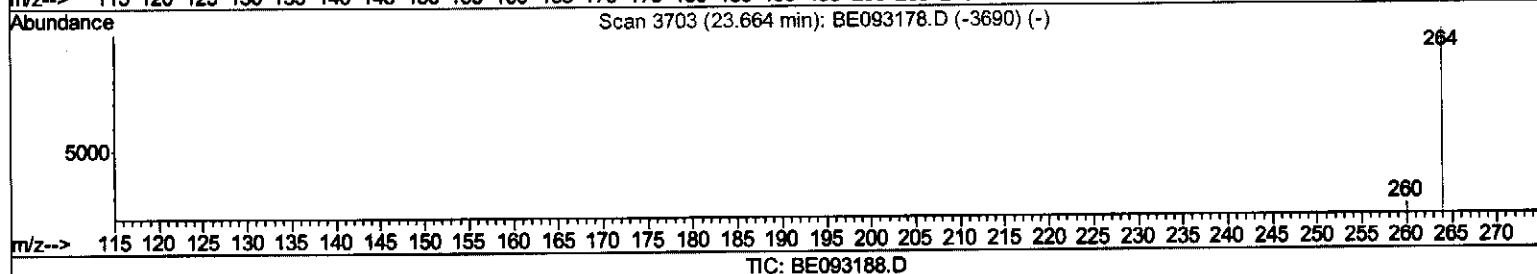
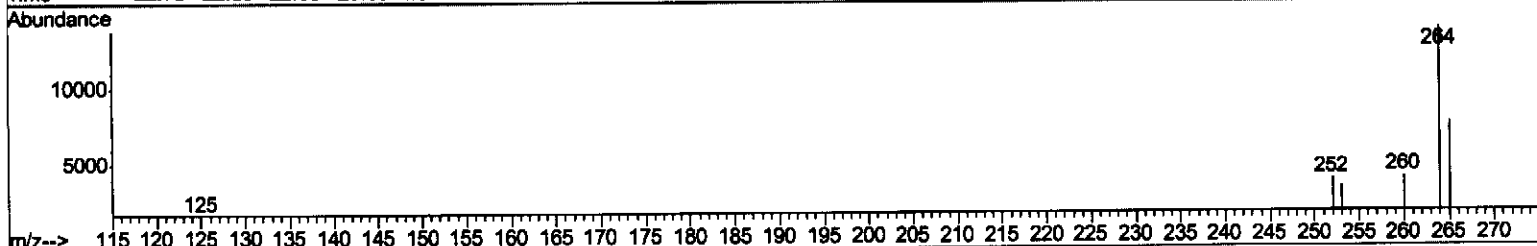
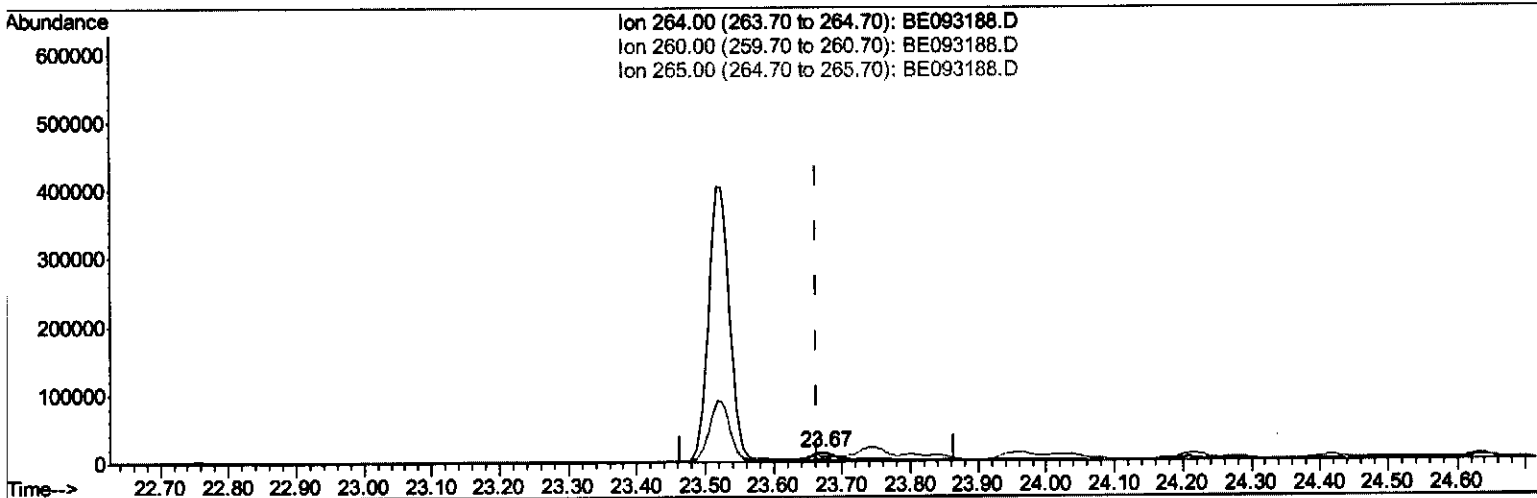
Quant Time: Jun 15 04:01:31 2017

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)

23.673min (+0.009) 0.40ng/ul m

response 26453

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	28.24
265.00	103.50	53.86#
0.00	0.00	0.00

SJ
06/21/17

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

Quantitation Report (Qedit)

Data File : BE093188.D

Acq On : 15 Jun 2017 2:31

Operator : SJ/MA

Sample : I3522-03

Misc :

ALS Vial : 25 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5C84

Manual Integrations
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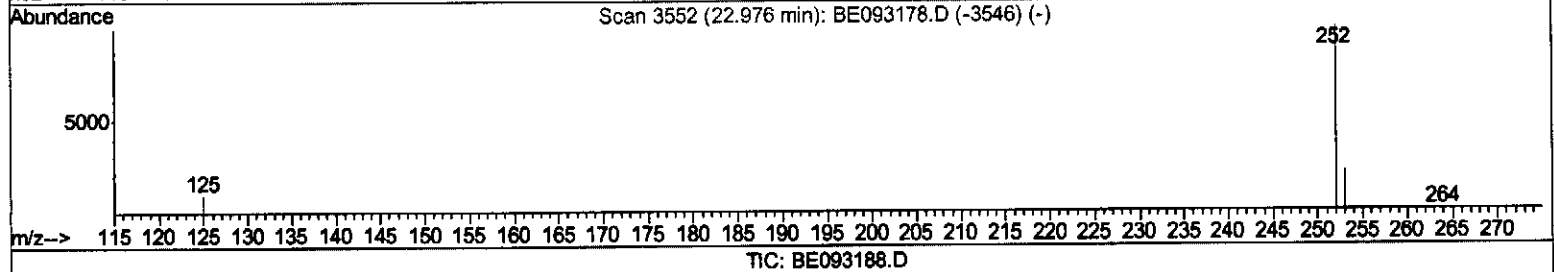
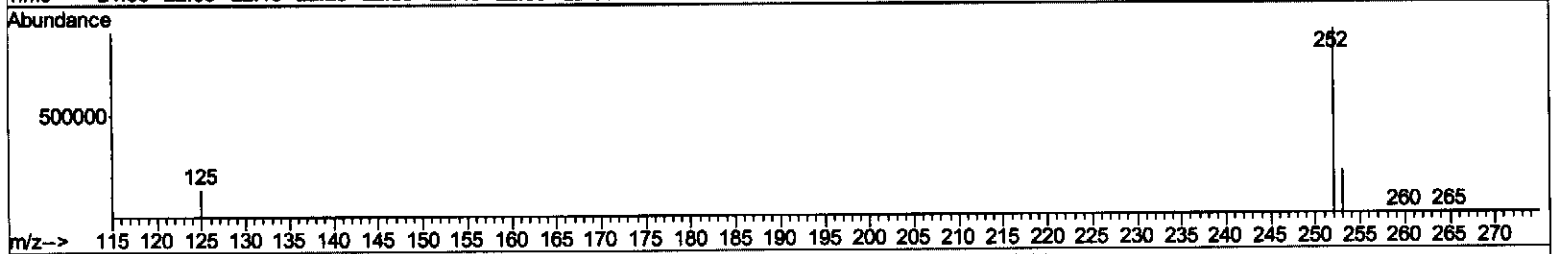
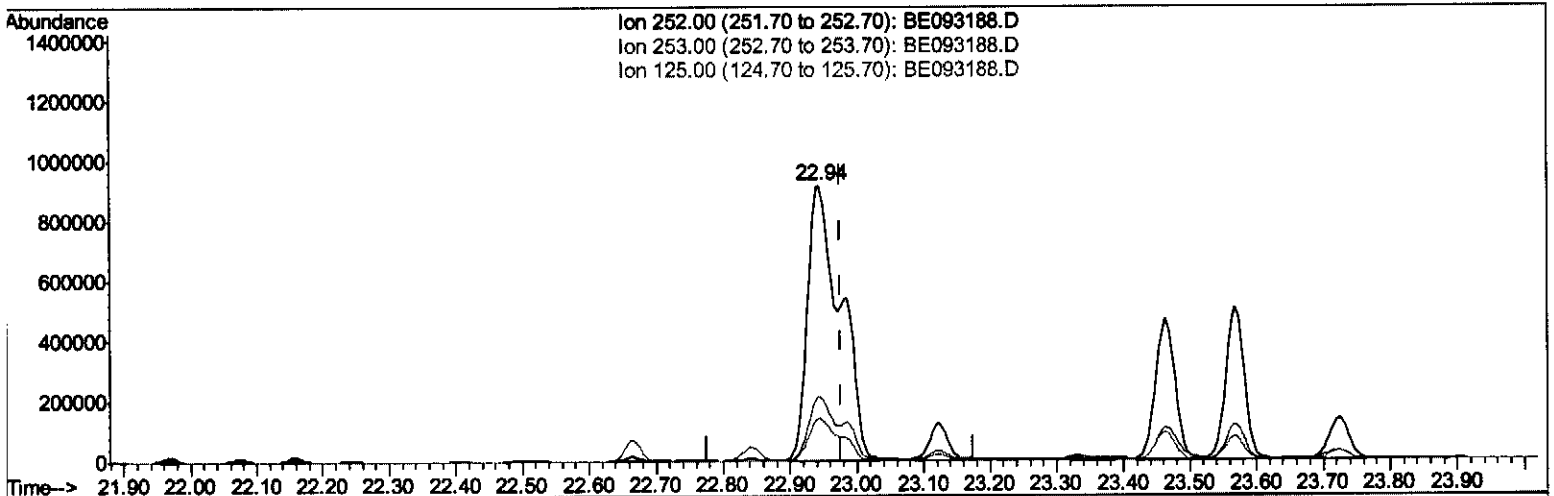
Quant Time: Jun 15 04:46:24 2017

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



(22) Benzo(k)fluoranthene

22.945min (-0.032) 36.28ng/ul

response 3093223

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.18#
125.00	17.10	15.28
0.00	0.00	0.00

Data File : BE093188.D

Acq On : 15 Jun 2017 2:31

Operator : SJ/MA

Sample : I3522-03

Misc :

ALS Vial : 25 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5C84

Manual Integrations
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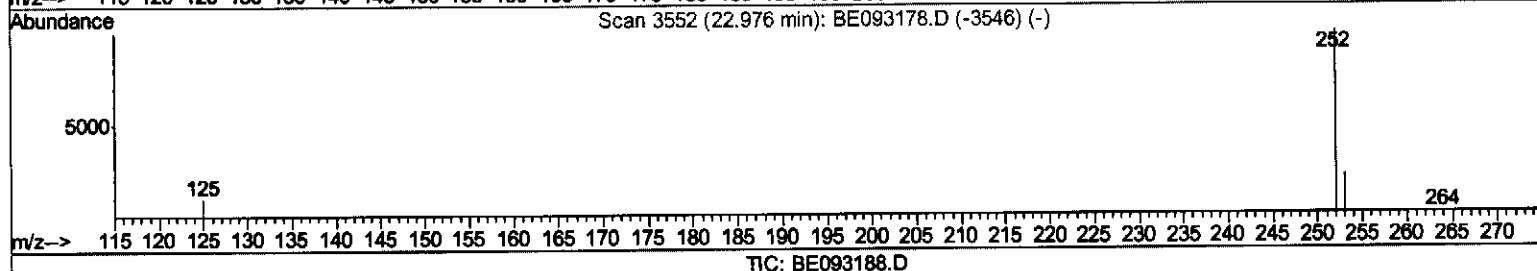
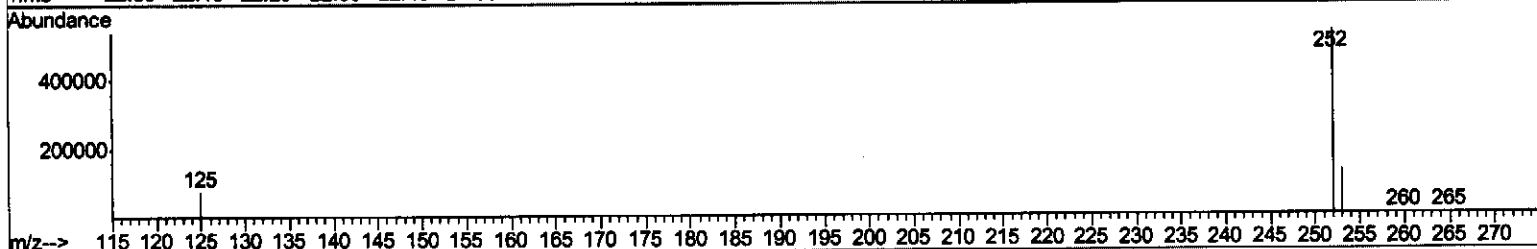
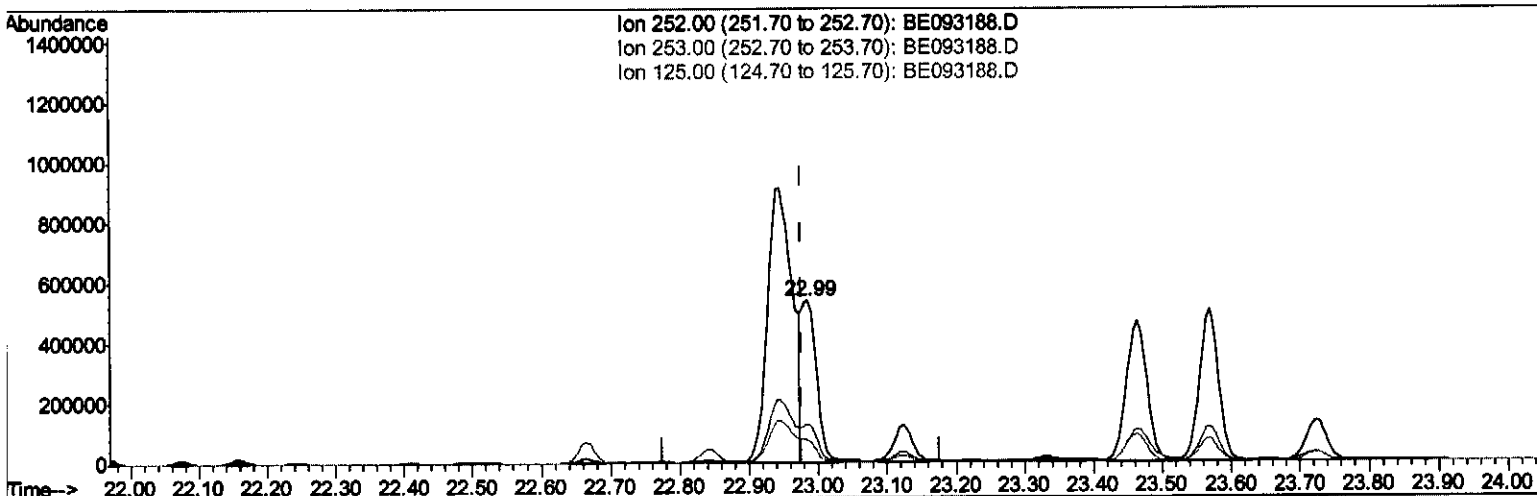
Quant Time: Jun 15 04:46:24 2017

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



(22) Benzo(k)fluoranthene

22.986min (+0.009) 9.89ng/ul m

response 843108

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.94#
125.00	17.10	14.02
0.00	0.00	0.00

> $\frac{SJ}{06121117}$

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

Quantitation Report (Qedit)

Data File : BE093188.D

Acq On : 15 Jun 2017 2:31

Operator : SJ/MA

Sample : I3522-03

Misc :

ALS Vial : 25 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampled :

F5C84

Manual Integrations
APPROVED

mohammad

6/15/2017 3:54:03 PM

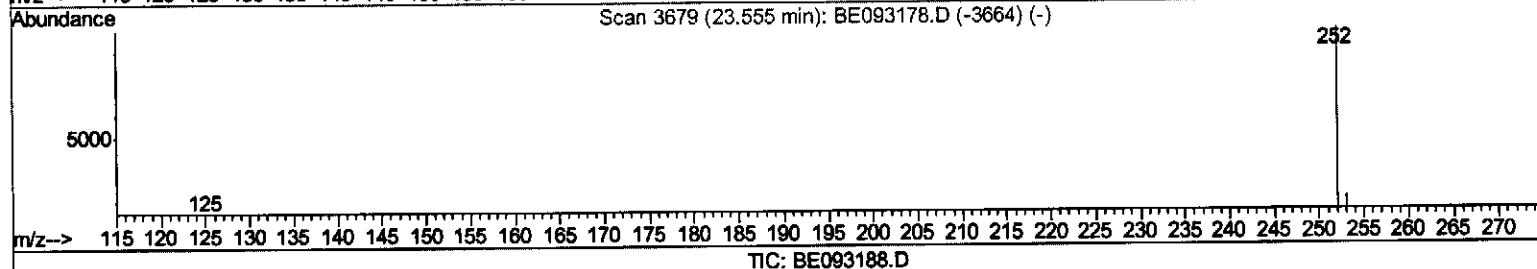
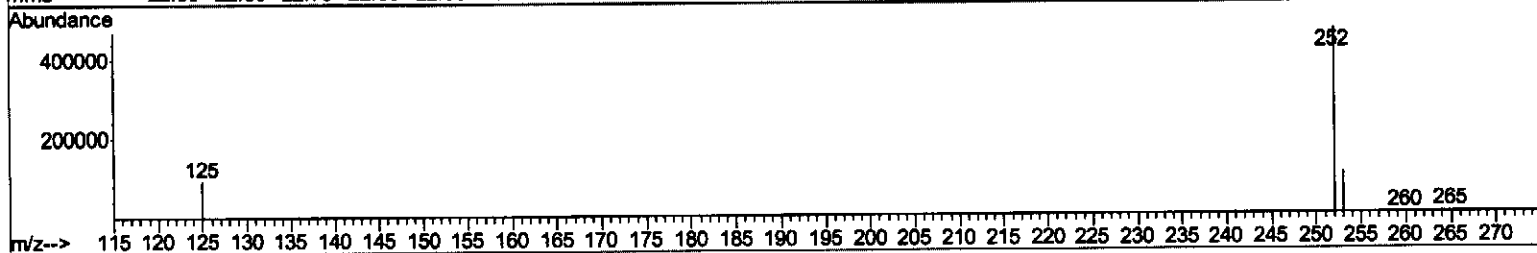
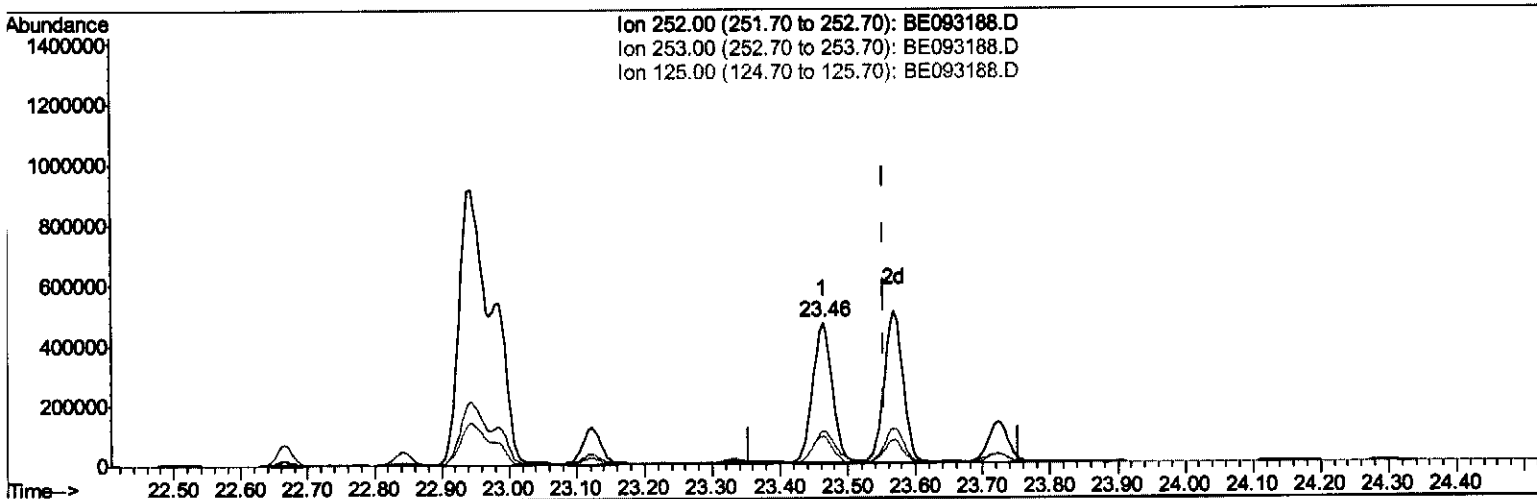
Quant Time: Jun 15 04:46:24 2017

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



(23) Benzo(a)pyrene (C)

23.464min (-0.091) 12.56ng/ul

response 953147

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	23.00#
125.00	22.60	19.86
0.00	0.00	0.00

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

Quantitation Report (Qedit)

Data File : BE093188.D

Acq On : 15 Jun 2017 2:31

Operator : SJ/MA

Sample : I3522-03

Misc :

ALS Vial : 25 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5C84

Manual Integrations
APPROVED

mohammad

6/15/2017 3:54:03 PM

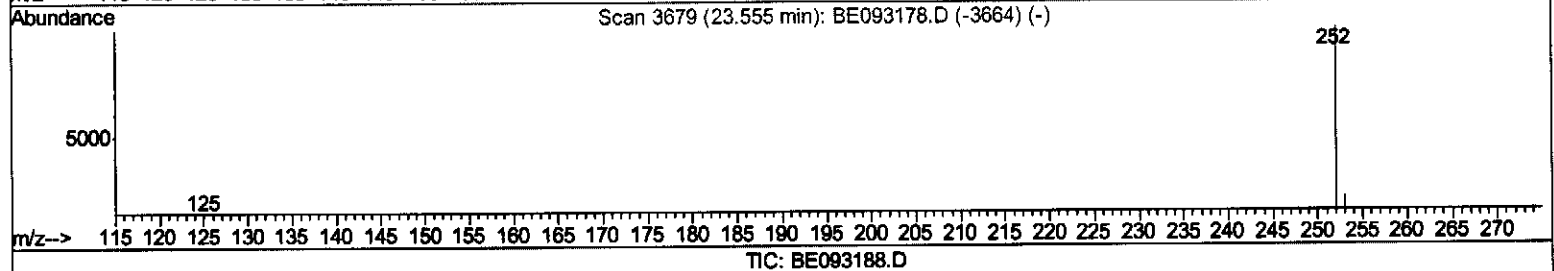
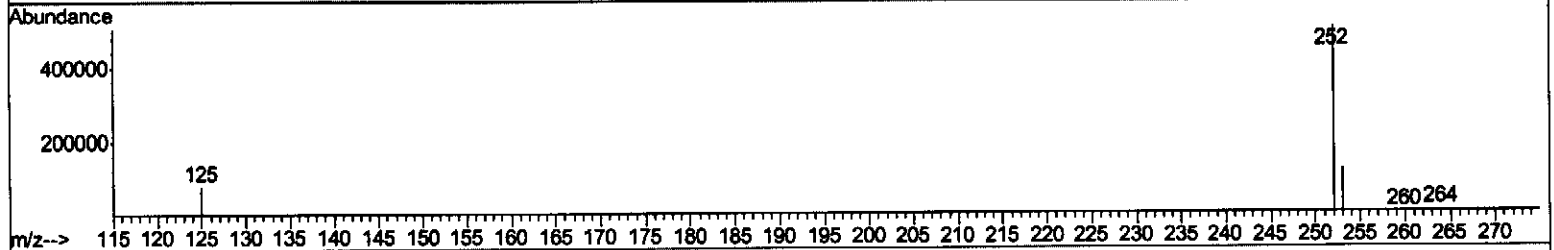
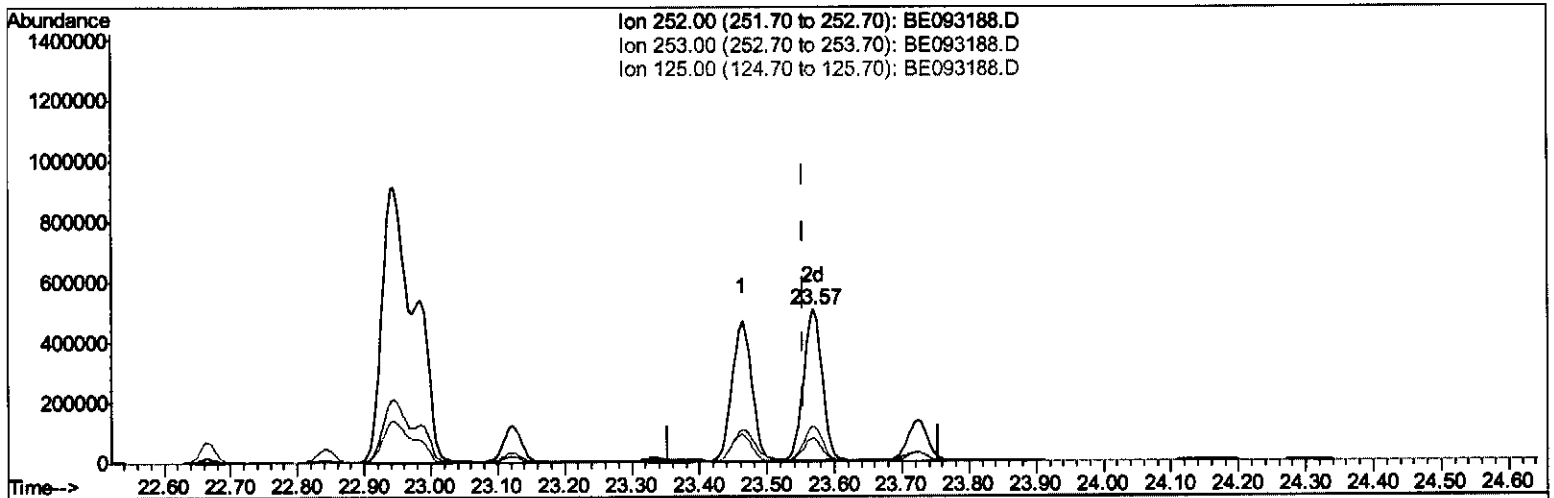
Quant Time: Jun 15 04:46:24 2017

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



(23) Benzo(a)pyrene (C)

23.568min (+0.014) 12.75ng/ul m

response 967809

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	23.26#
125.00	22.60	15.38#
0.00	0.00	0.00

> $\frac{51}{06/21/17}$

Data File : BE093188.D

Acq On : 15 Jun 2017 2:31

Operator : SJ/MA

Sample : I3522-03

Misc :

ALS Vial : 25 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampled :

F5C84

Manual Integrations
APPROVEDmohammad
6/15/2017 3:54:03 PM

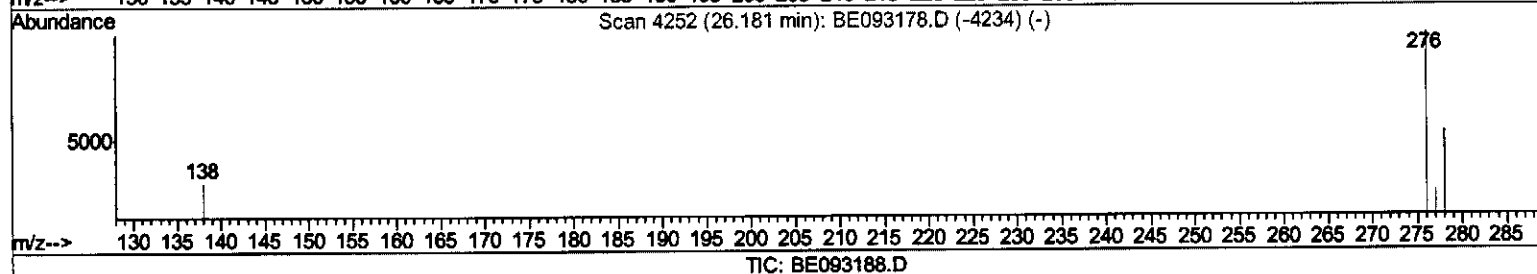
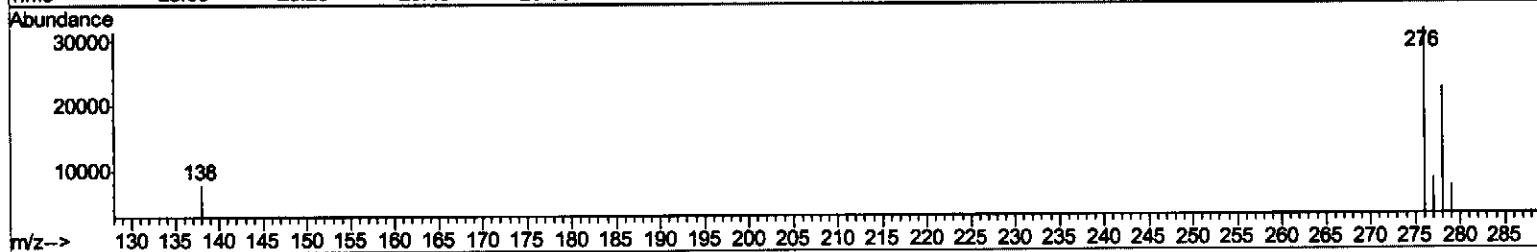
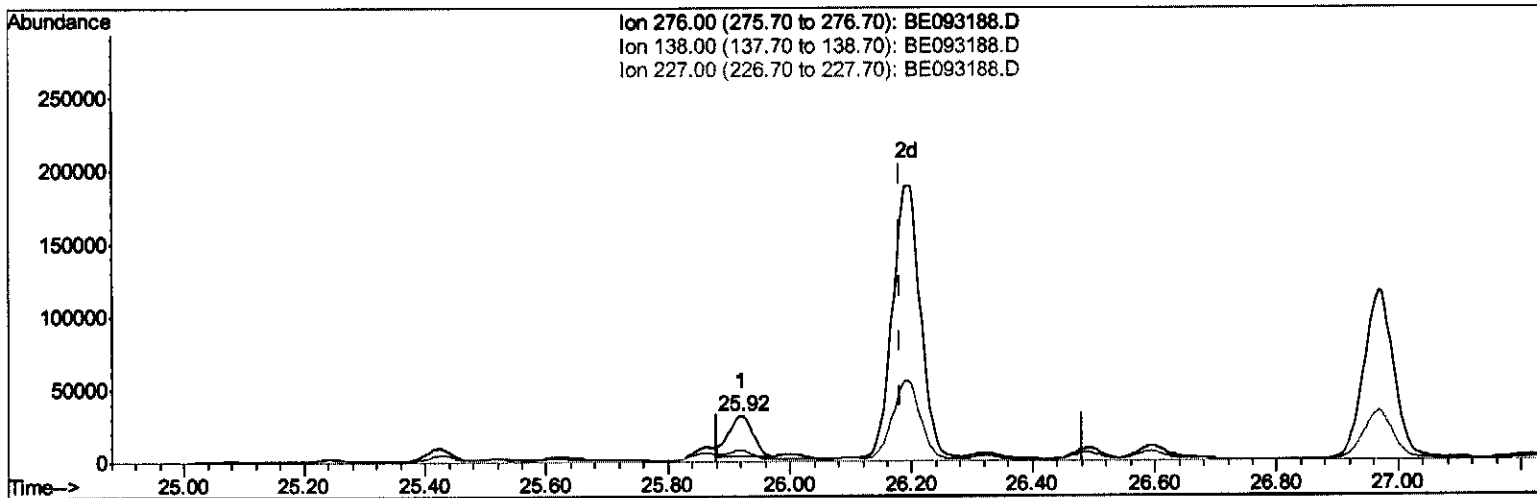
Quant Time: Jun 15 04:46:24 2017

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Response via : Initial Calibration



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

25.921min (-0.260) 0.87ng/ul

response 76313

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	25.53#
227.00	10.00	0.00#
0.00	0.00	0.00

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

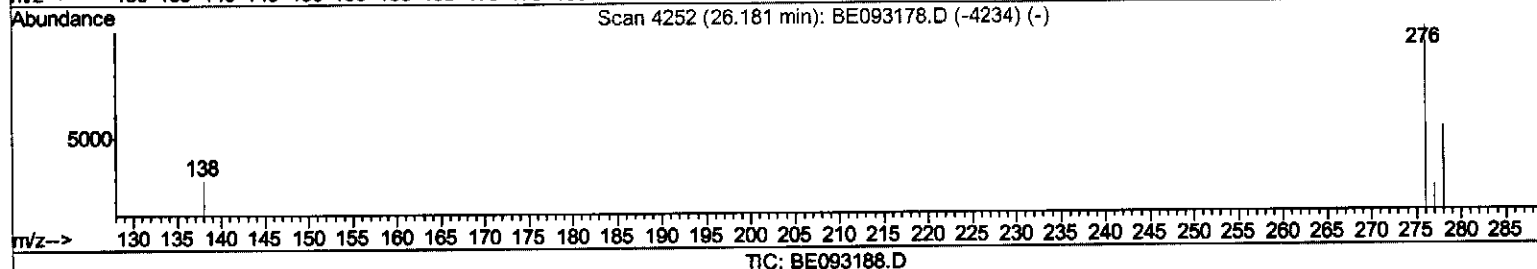
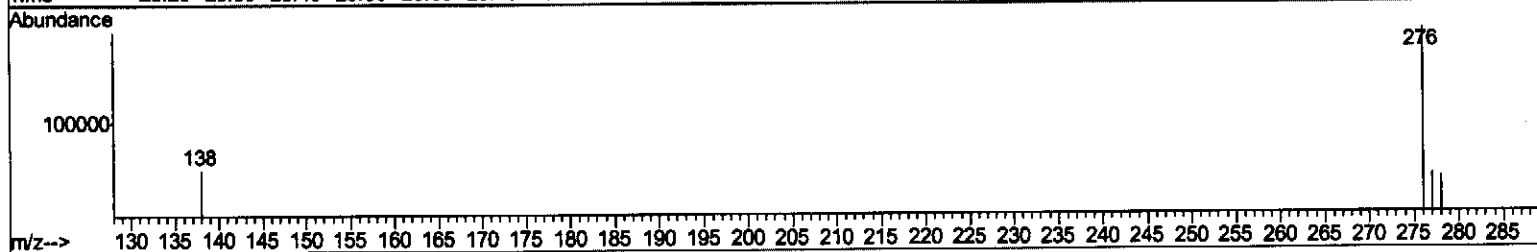
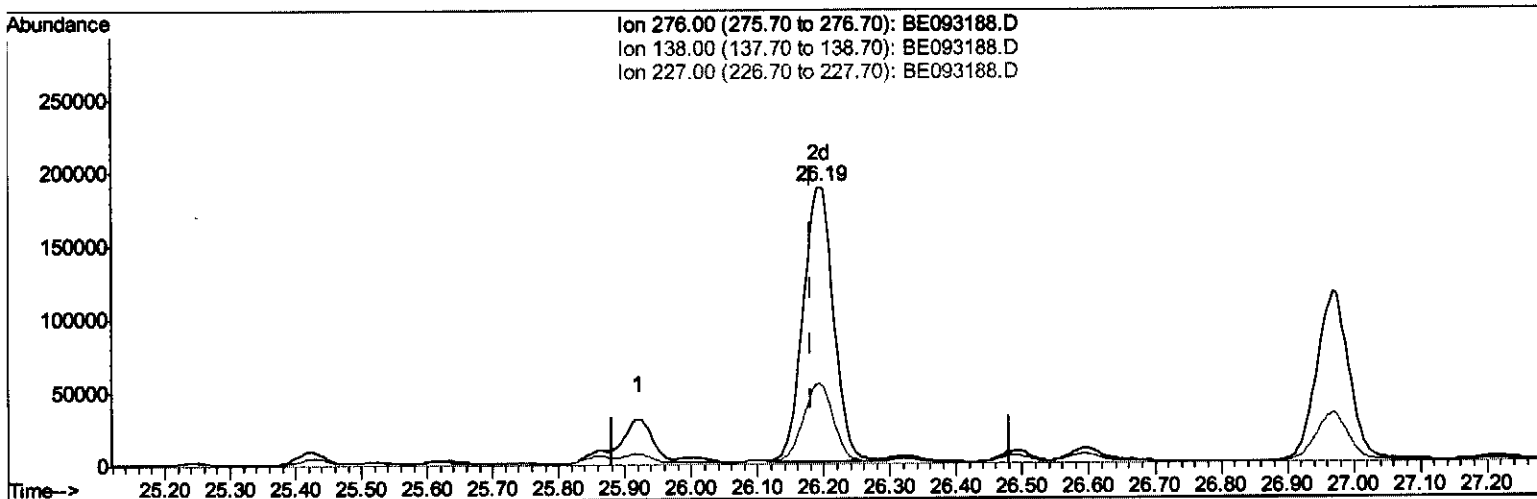
Data File : BE093188.D
Acq On : 15 Jun 2017 2:31
Operator : SJ/MA
Sample : I3522-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
F5C84

Manual Integrations
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6/15/2017 3:54:03 PM

Quant Time: Jun 15 04:46:24 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



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

26.194min (+0.013) 6.79ng/ul m

response 596692

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	3.26#
227.00	10.00	0.00#
0.00	0.00	0.00

> $\frac{59}{06/21/17}$

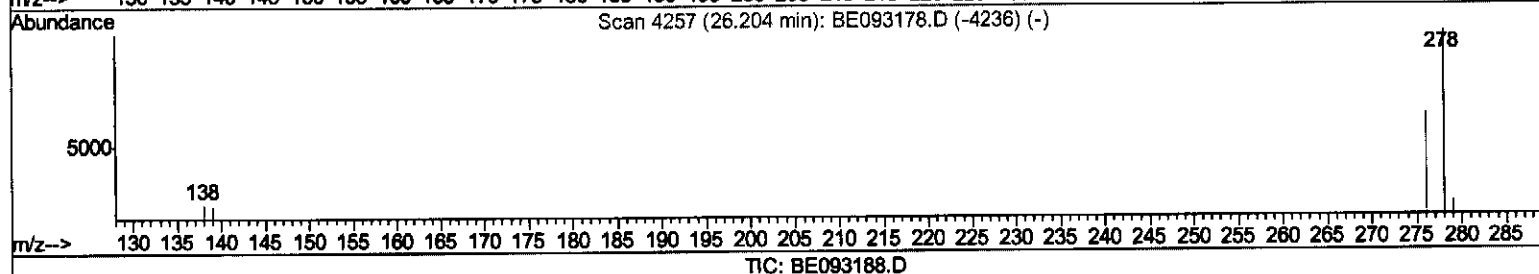
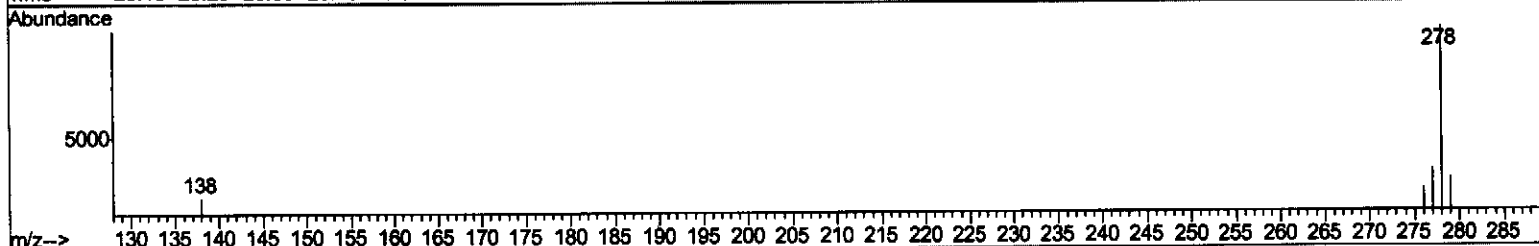
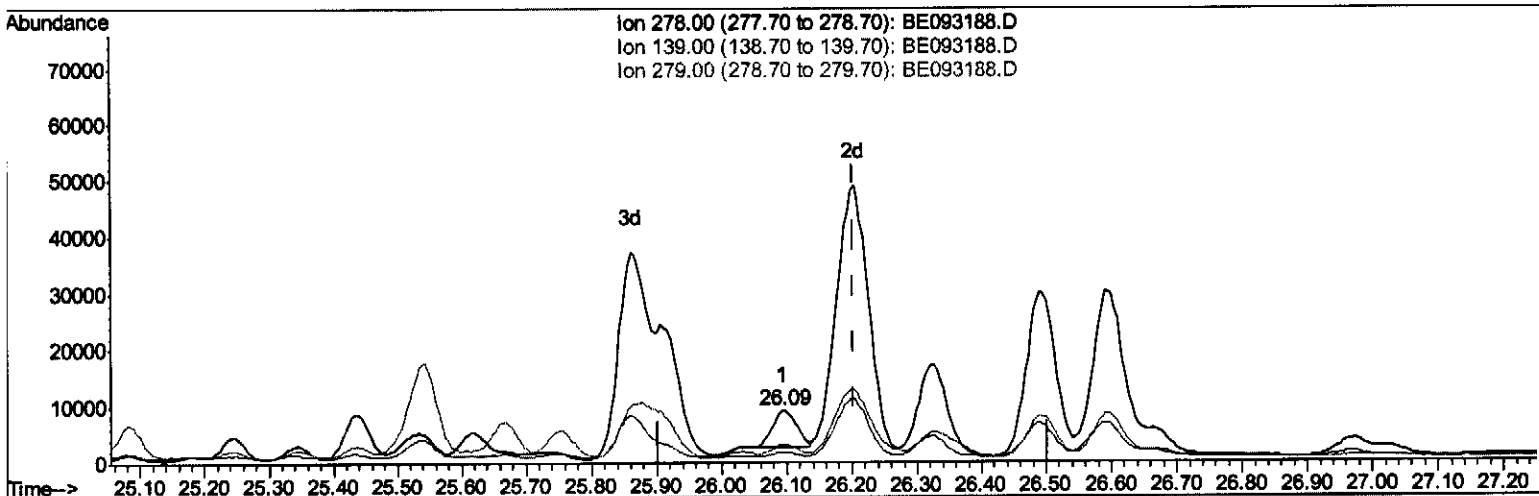
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Sample : I3522-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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TIC: BE093188.D

(25) Dibenzo(a,h)anthracene

26.094min (-0.110) 0.23ng/ui

response 16902

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	19.87
279.00	32.40	34.28
0.00	0.00	0.00

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

Quantitation Report (Qedit)

Data File : BE093188.D

Acq On : 15 Jun 2017 2:31

Operator : SJ/MA

Sample : I3522-03

Misc :

ALS Vial : 25 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5C84

Manual Integrations
APPROVED

mohammad

6/15/2017 3:54:03 PM

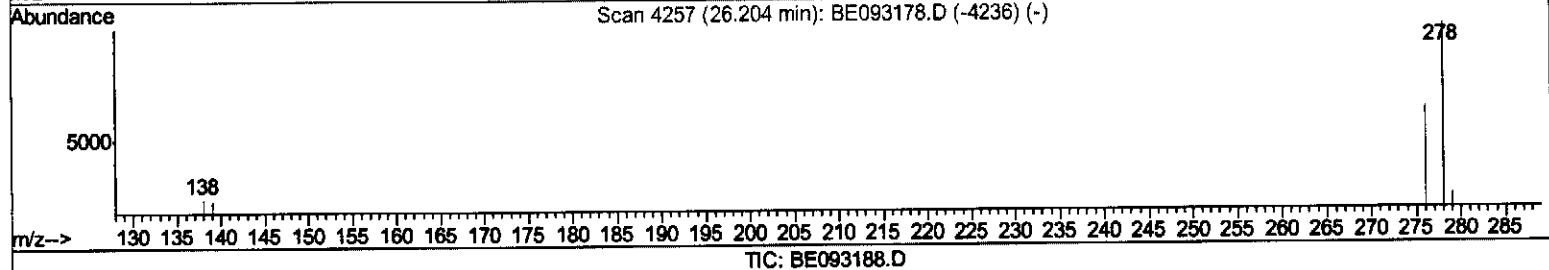
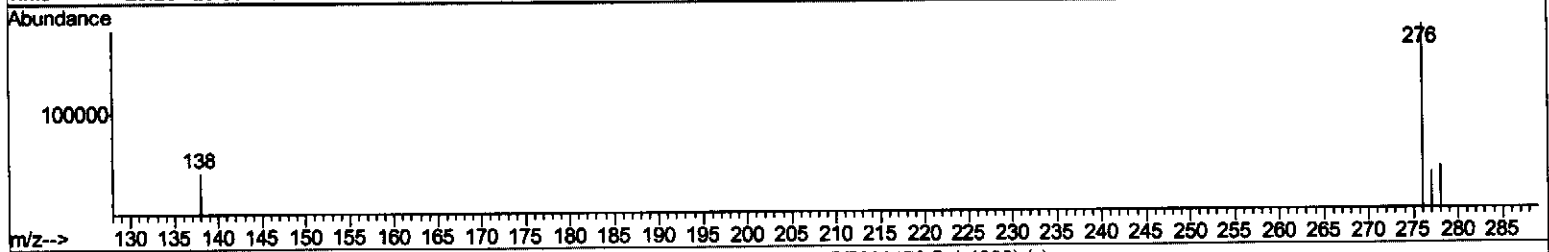
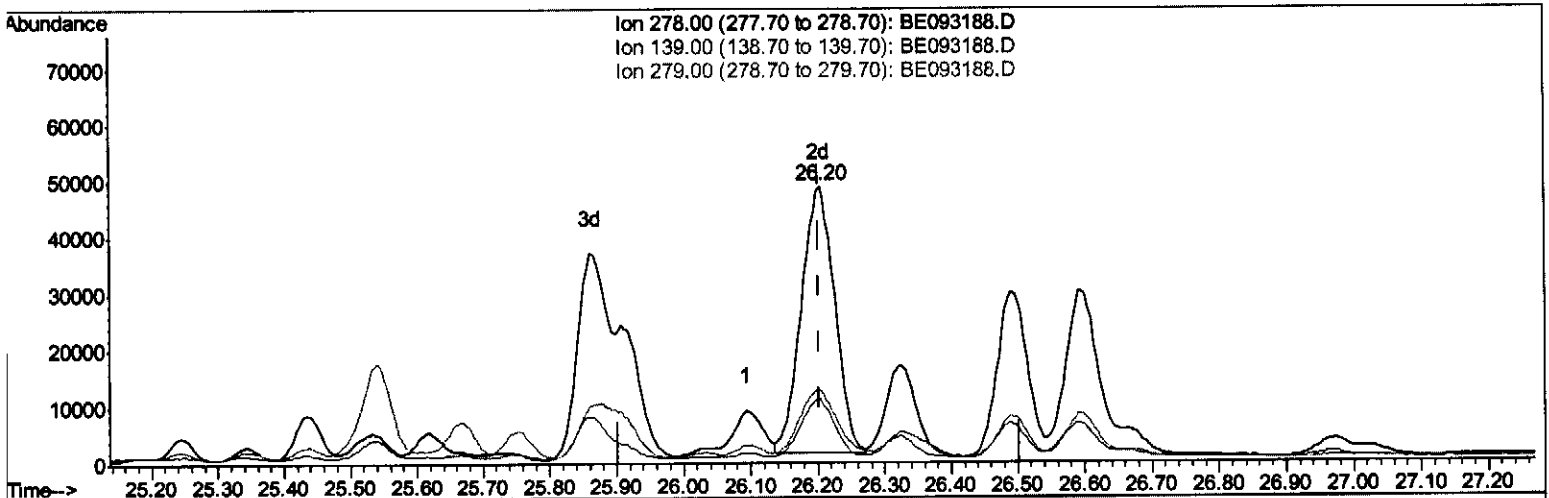
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QLast Update : Thu Jun 15 03:59:13 2017

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(25) Dibenzo(a,h)anthracene

26.203min (-0.000) 2.21ng/ul m

response 163566

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	23.10
279.00	32.40	26.56
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	3878	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	20565	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	12455	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	28845	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	29813	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	26453m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.11	152	4912	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	12150	0.15	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.57	128	10273	0.20	ng/ul#	93
5) 2-Methylnaphthalene	12.18	142	3057	0.09	ng/ul	99
7) Acenaphthylene	14.08	152	137802	2.58	ng/ul	96
8) Acenaphthene	14.43	153	4986	0.12	ng/ul	97
9) Fluorene	15.42	166	6251	0.12	ng/ul	88
12) Phenanthrene	17.14	178	184048	2.32	ng/ul#	85
13) Anthracene	17.22	178	196987	2.85	ng/ul#	86
15) Fluoranthene	19.16	202	2712996	27.87	ng/ul	83
17) Pyrene	19.52	202	2844212	32.35	ng/ul#	89
18) Benzo(a)anthracene	21.25	228	1406484	17.69	ng/ul#	84
19) Chrysene	21.30	228	1748131	21.19	ng/ul	97
21) Benzo(b)fluoranthene	22.94	252	2135902	26.61	ng/ul	88
22) Benzo(k)fluoranthene	22.99	252	843108m	9.89	ng/ul	
23) Benzo(a)pyrene	23.57	252	967809m	12.75	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.19	276	596692m	6.79	ng/ul	
25) Dibenzo(a,h)anthracene	26.20	278	163566m	2.21	ng/ul	
26) Benzo(g,h,i)perylene	26.97	276	392332	5.21	ng/ul	97

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