

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

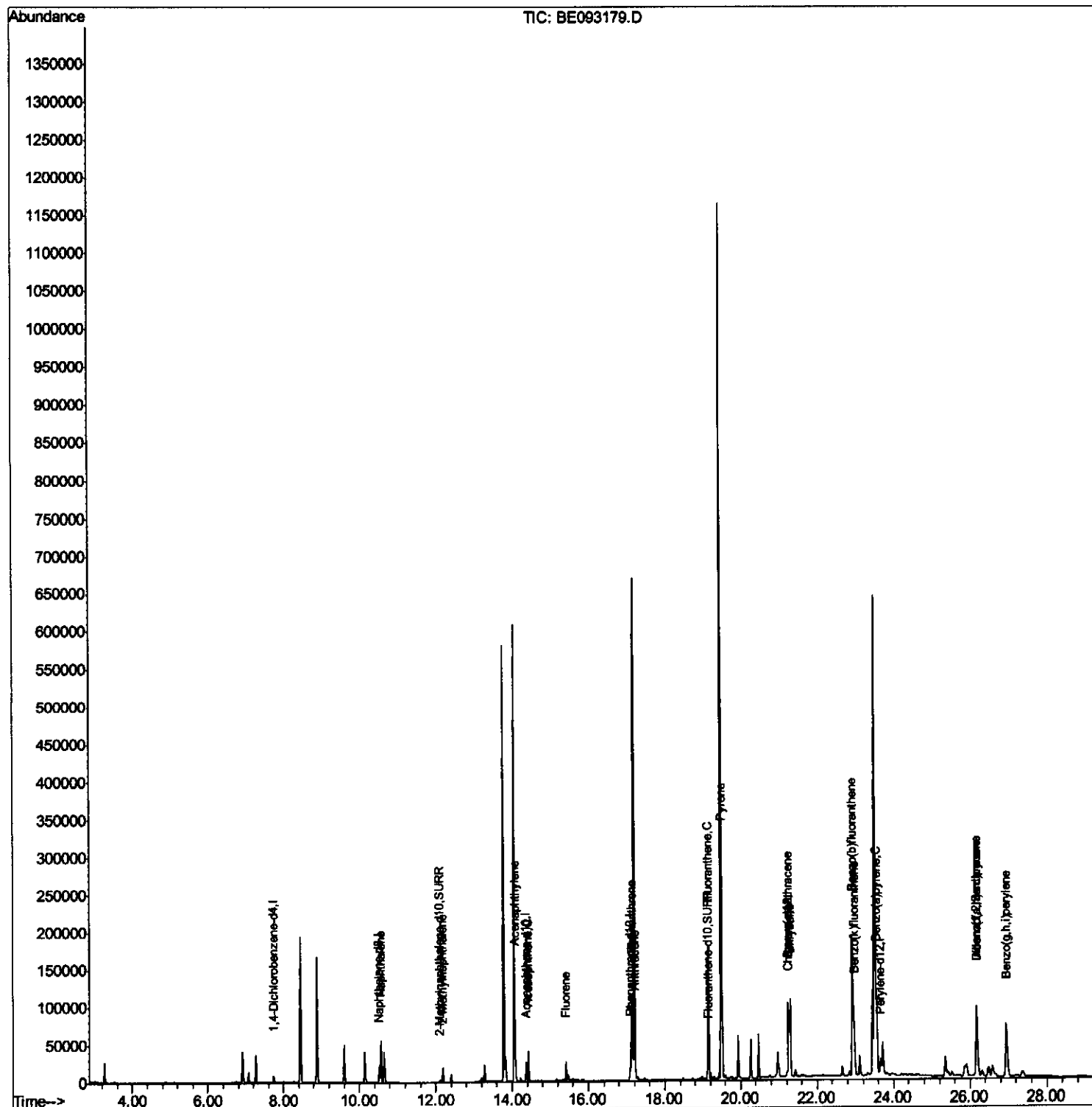
Data File : BE093179.D
Acq On : 14 Jun 2017 21:00
Operator : SJ/MA
Sample : I3558-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
Client Sample ID :
F5C61

Manual Integrations
APPROVED

mohammad
6/15/2017 3:53:29 PM

Quant Time: Jun 15 04:12:12 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



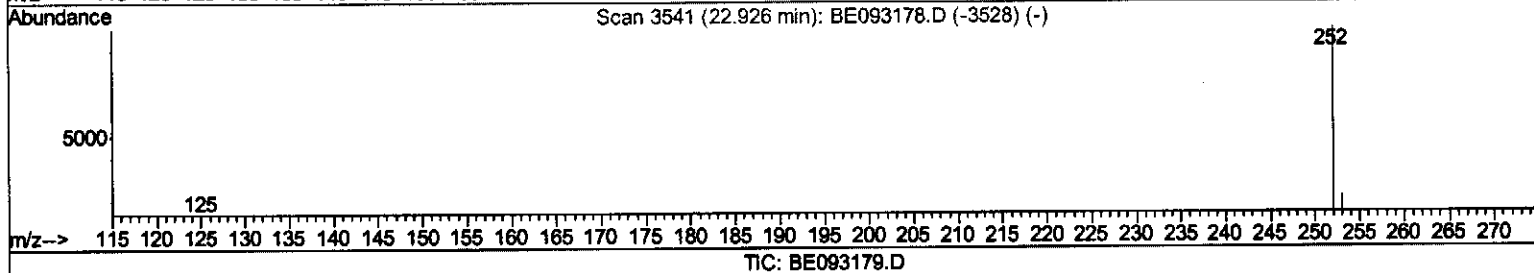
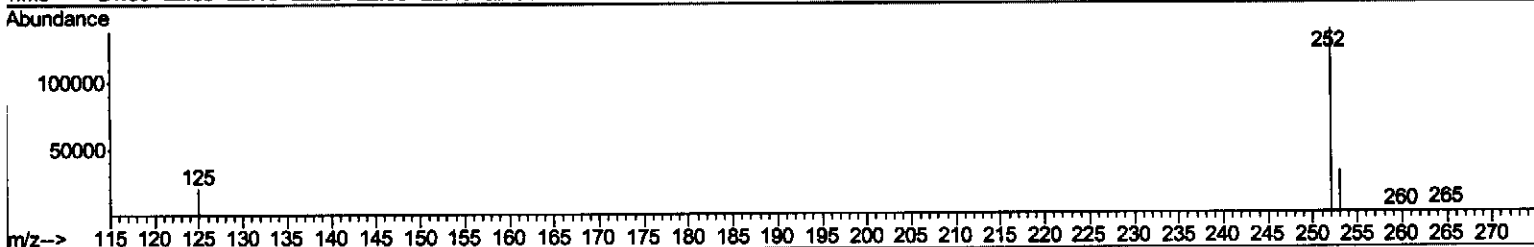
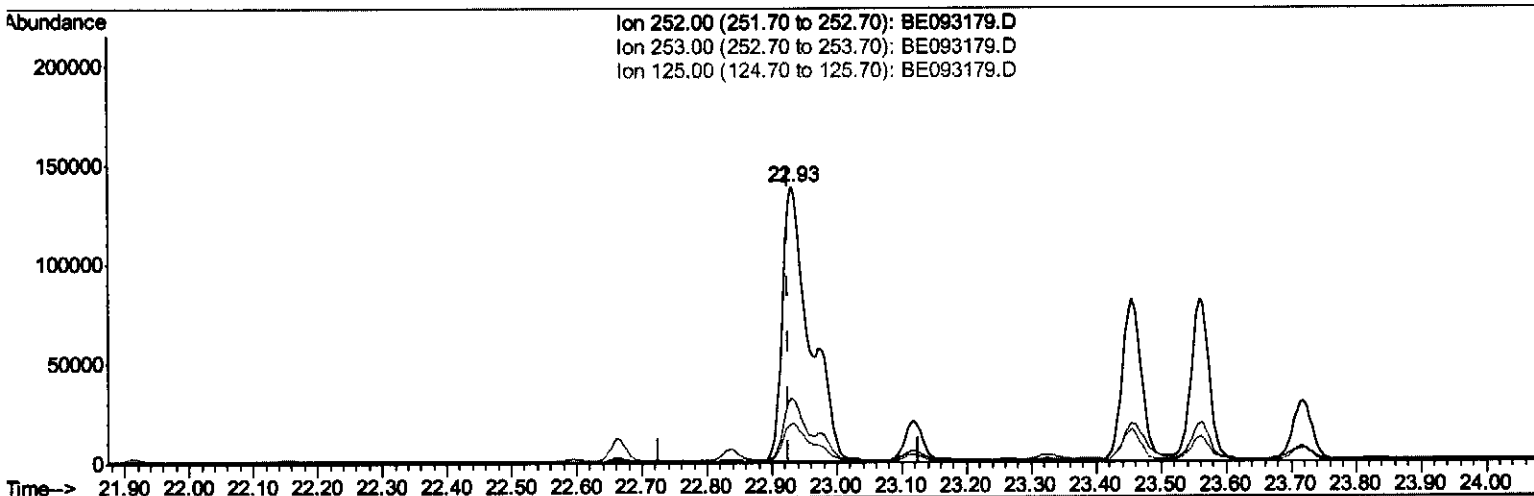
Data File : BE093179.D
Acq On : 14 Jun 2017 21:00
Operator : SJ/MA
Sample : I3558-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5C61

Manual Integrations
APPROVED

mohammad
6/15/2017 3:53:29 PM

Quant Time: Jun 15 03:59:52 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



(21) Benzo(b)fluoranthene
22.931min (+0.005) 3.87ng/ul
response 403746

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.04
125.00	17.50	14.26
0.00	0.00	0.00

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

Quantitation Report (Qedit)

Data File : BE093179.D

Acq On : 14 Jun 2017 21:00

Operator : SJ/MA

Sample : I3558-07

Misc :

ALS Vial : 16 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampled :

F5C61

Manual Integrations

APPROVED

mohammad

6/15/2017 3:53:29 PM

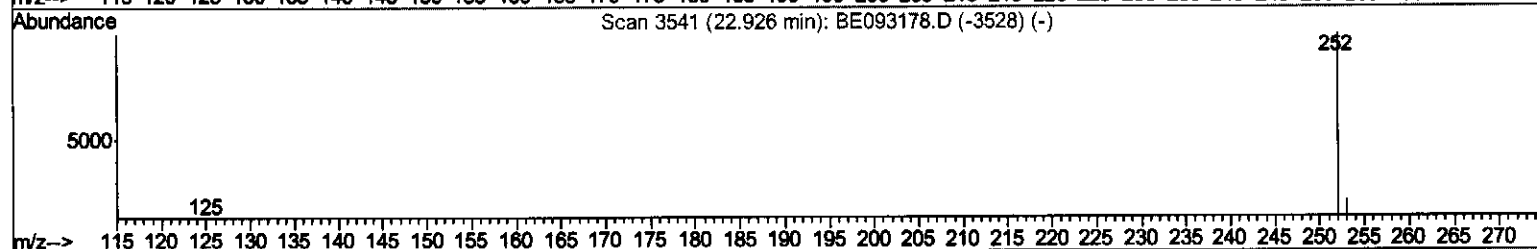
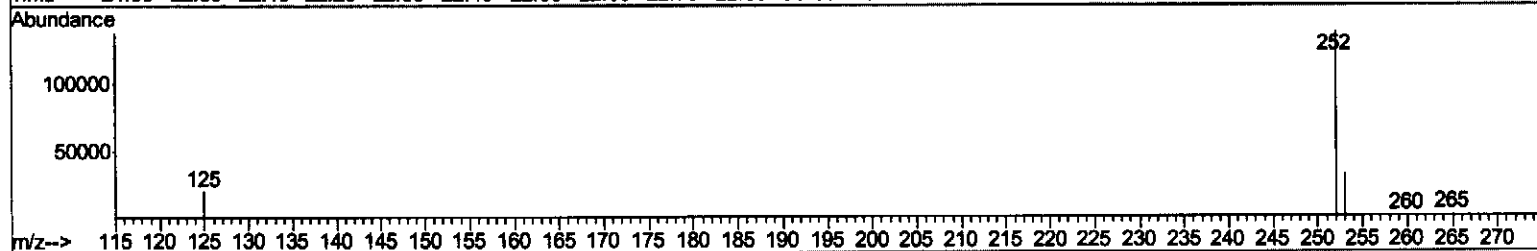
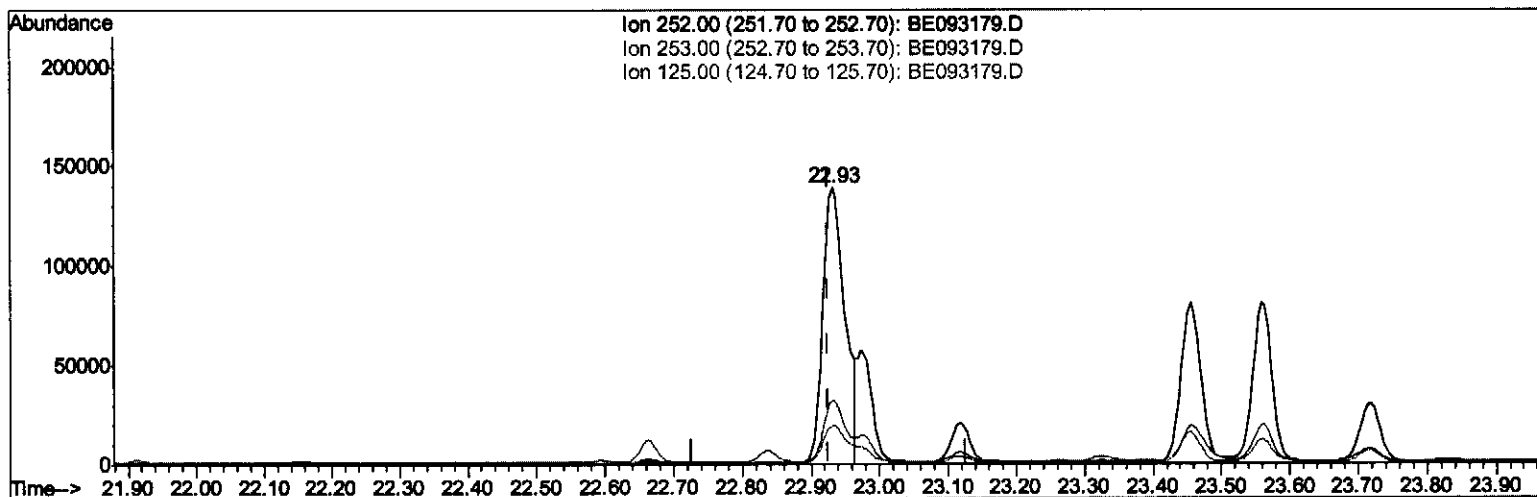
Quant Time: Jun 15 03:59:52 2017

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



TIC: BE093179.D

(21) Benzo(b)fluoranthene

22.931min (+0.005) 3.03ng/ul m

response 316247

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.04
125.00	17.50	14.26
0.00	0.00	0.00

> $\frac{5.7}{0.612117}$

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

Quantitation Report (Qedit)

Data File : BE093179.D

Acq On : 14 Jun 2017 21:00

Operator : SJ/MA

Sample : I3558-07

Misc :

ALS Vial : 16 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5C61

Manual Integrations
APPROVED

mohammad

6/15/2017 3:53:29 PM

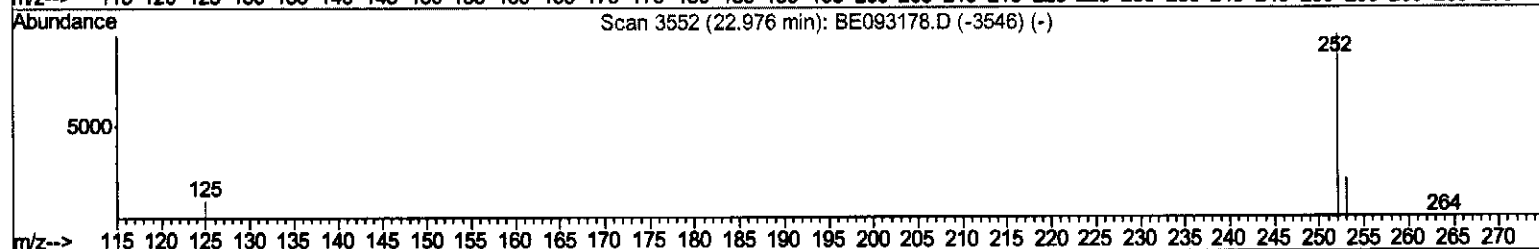
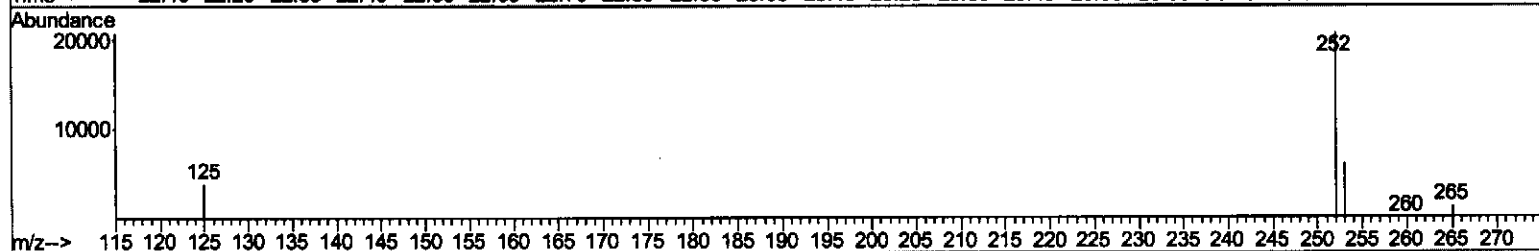
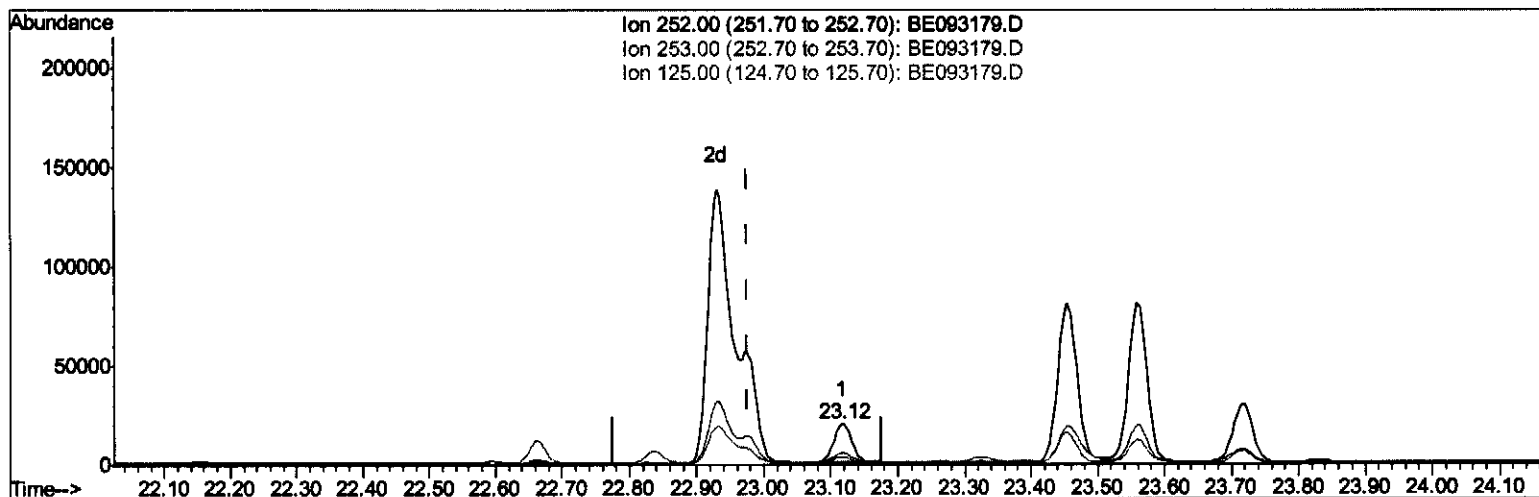
Quant Time: Jun 15 03:59:52 2017

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



TIC: BE093179.D

(22) Benzo(k)fluoranthene

23.118min (+0.141) 0.33ng/ul

response 36299

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	30.40
125.00	17.10	19.72
0.00	0.00	0.00

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

Quantitation Report (Qedit)

Data File : BE093179.D

Acq On : 14 Jun 2017 21:00

Operator : SJ/MA

Sample : I3558-07

Misc :

ALS Vial : 16 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampled :

F5C61

Manual Integrations

APPROVED

mohammad

6/15/2017 3:53:29 PM

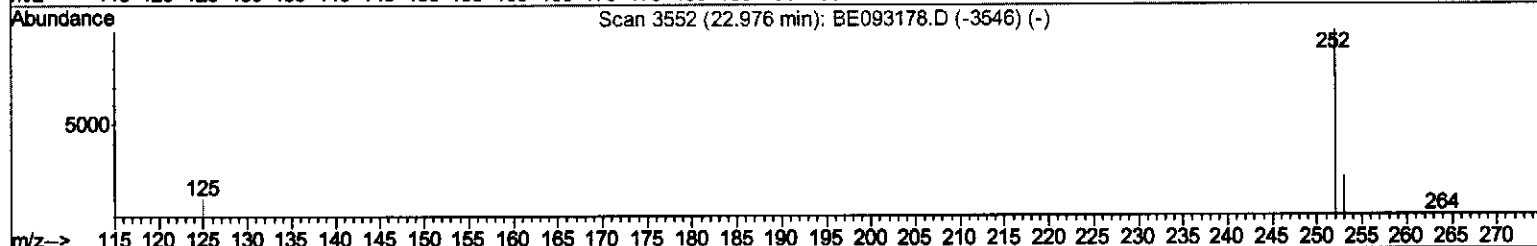
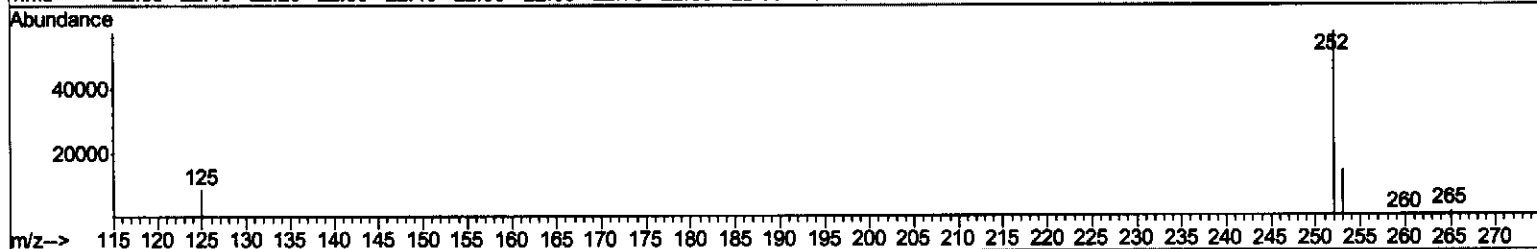
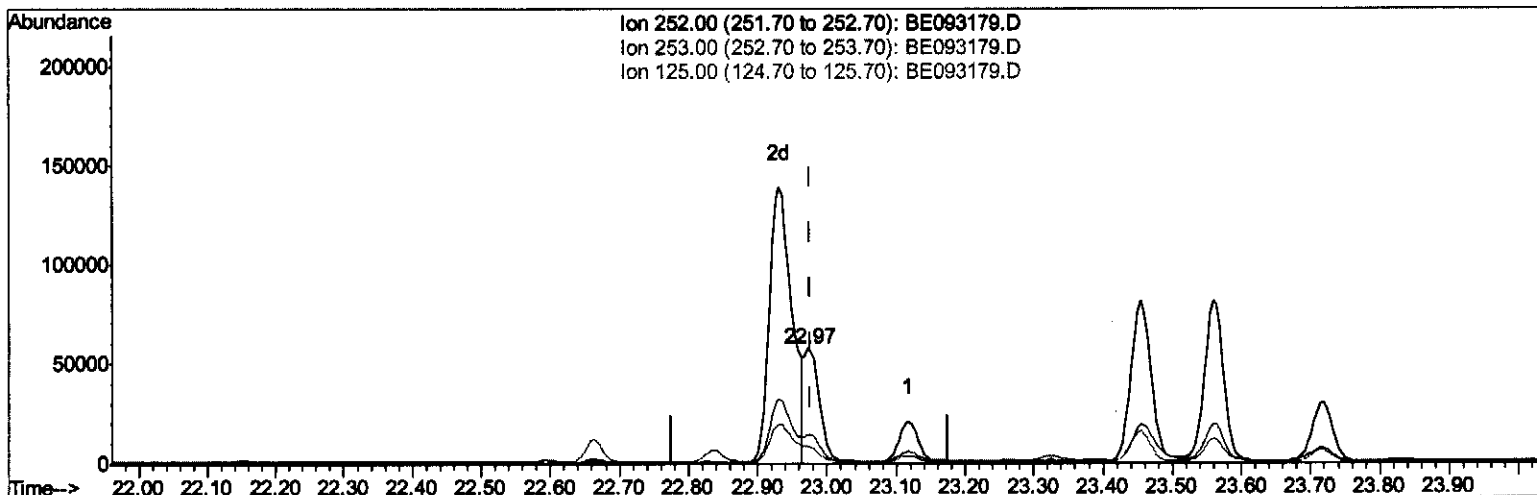
Quant Time: Jun 15 03:59:52 2017

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



TIC: BE093179.D

(22) Benzo(k)fluoranthene

22.972min (-0.004) 0.83ng/ul m

response 92018

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	25.03
125.00	17.10	15.03
0.00	0.00	0.00

> $\frac{53}{06121117}$

Data File : BE093179.D
Acq On : 14 Jun 2017 21:00
Operator : SJ/MA
Sample : I3558-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5C61

Manual Integrations
APPROVED

mohammad
6/15/2017 3:53:29 PM

Quant Time: Jun 15 04:12:12 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	4303	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	22178	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	13685	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	32803	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	33950	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	34412	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.11	152	4706	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	13077	0.15	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.57	128	79030	1.44	ng/ul#	91
5) 2-Methylnaphthalene	12.18	142	15774	0.42	ng/ul	98
7) Acenaphthylene	14.08	152	14803	0.25	ng/ul	97
8) Acenaphthene	14.43	153	22835	0.48	ng/ul	98
9) Fluorene	15.42	166	15241	0.27	ng/ul	91
12) Phenanthrene	17.14	178	120484	1.33	ng/ul#	87
13) Anthracene	17.22	178	43239	0.55	ng/ul#	87
15) Fluoranthene	19.15	202	187529	1.69	ng/ul	84
17) Pyrene	19.51	202	166263	1.66	ng/ul#	86
18) Benzo(a)anthracene	21.24	228	80295	0.89	ng/ul#	85
19) Chrysene	21.29	228	121536	1.29	ng/ul	97
21) Benzo(b)fluoranthene	22.93	252	316247m	3.03	ng/ul	
22) Benzo(k)fluoranthene	22.97	252	92018m	0.83	ng/ul	
23) Benzo(a)pyrene	23.56	252	156522	1.59	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	26.18	276	170397	1.49	ng/ul#	86
25) Dibenzo(a,h)anthracene	26.20	278	41468	0.43	ng/ul#	92
26) Benzo(g,h,i)perylene	26.96	276	154344	1.57	ng/ul	97

SS
06/21/17

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