

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061317\
Quantitation Report (QT Reviewed)

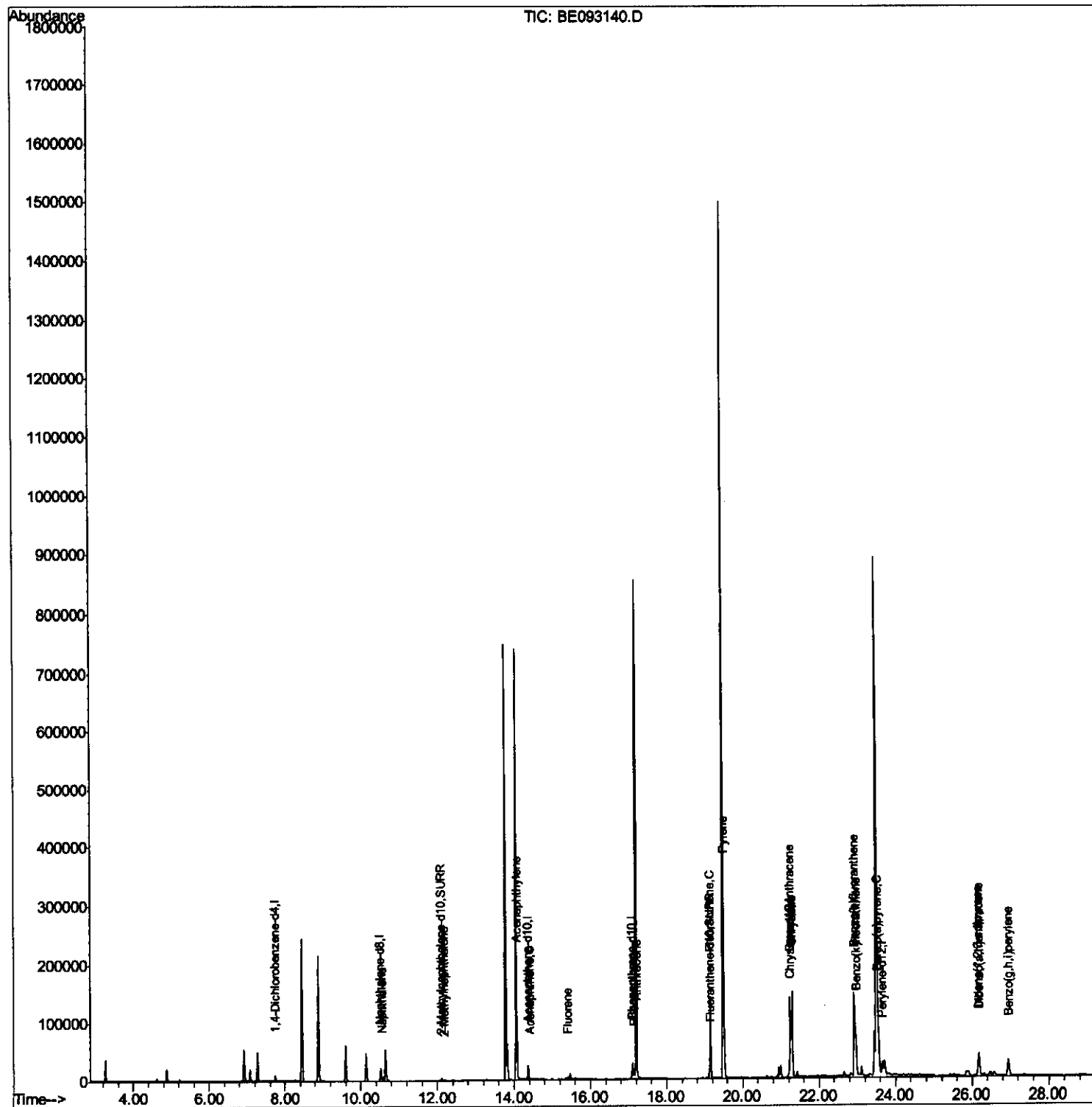
Data File : BE093140.D
Acq On : 13 Jun 2017 20:53
Operator : SJ/MA
Sample : I3522-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
Client Sampled :
F5D36

Manual Integrations
APPROVED

mohammad
6/14/2017 2:59:16 PM

Quant Time: Jun 14 08:07:15 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 14 01:25:15 2017
Response via : Initial Calibration



Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061317\

Quantitation Report (Qedit)

Data File : BE093140.D

Acq On : 13 Jun 2017 20:53

Operator : SJ/MA

Sample : I3522-20

Misc :

ALS Vial : 14 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampled :

F5D36

Manual Integrations
APPROVED

mohammad
6/14/2017 2:59:16 PM

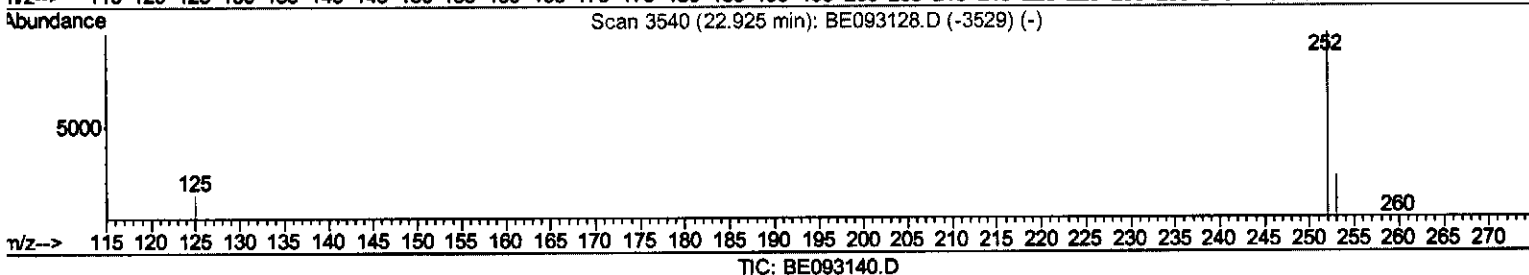
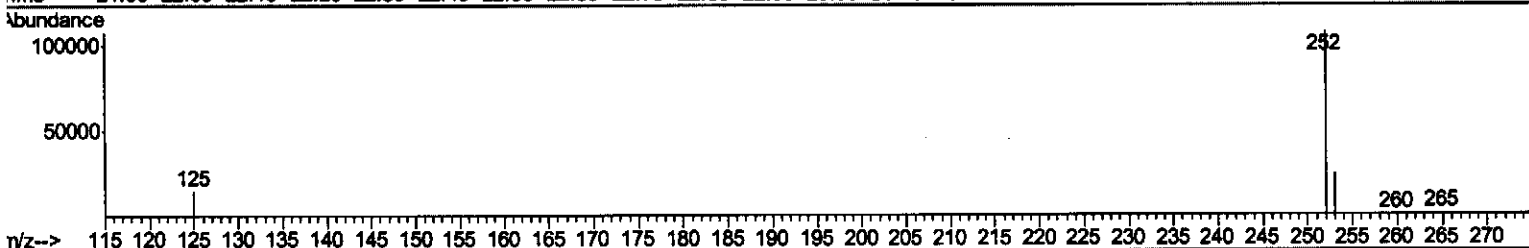
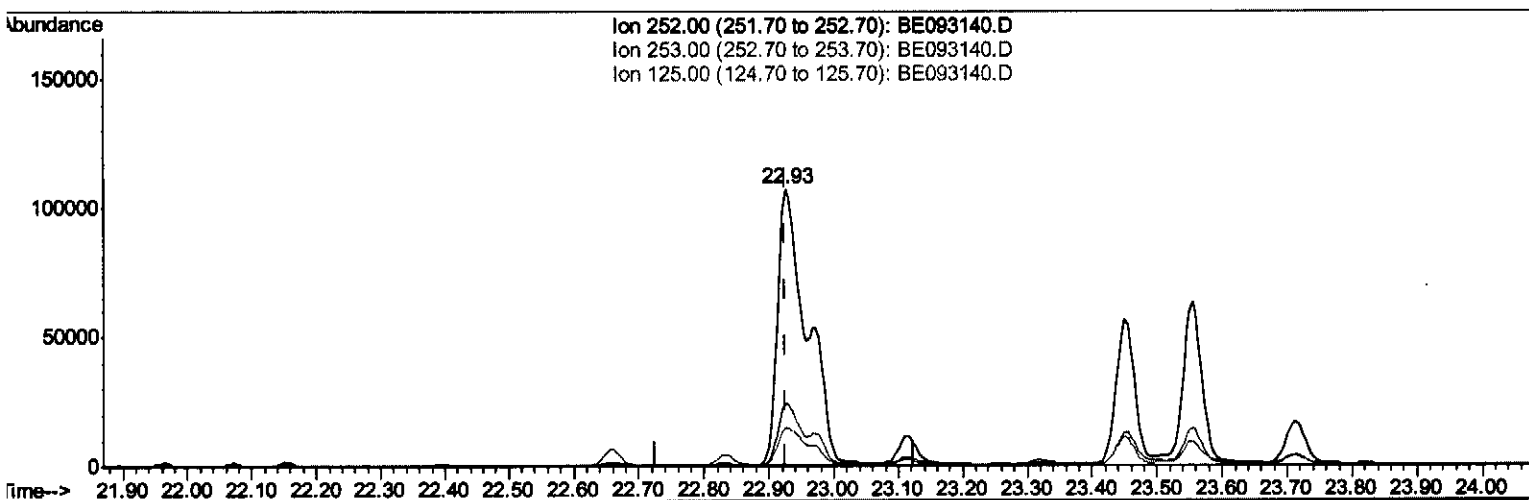
Quant Time: Jun 14 08:00:18 2017

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 14 01:25:15 2017

Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.927min (+0.001) 2.82ng/ul

response 333401

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	22.96
125.00	17.50	14.05
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061317\

Quantitation Report (Qedit)

Data File : BE093140.D

Acq On : 13 Jun 2017 20:53

Operator : SJ/MA

Sample : I3522-20

Misc :

ALS Vial : 14 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampled :

F5D36

Manual Integrations

APPROVED

mohammad

6/14/2017 2:59:16 PM

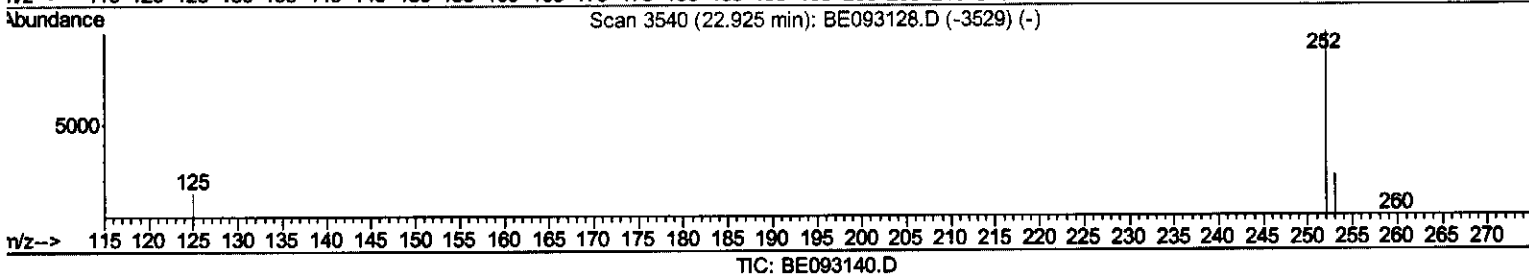
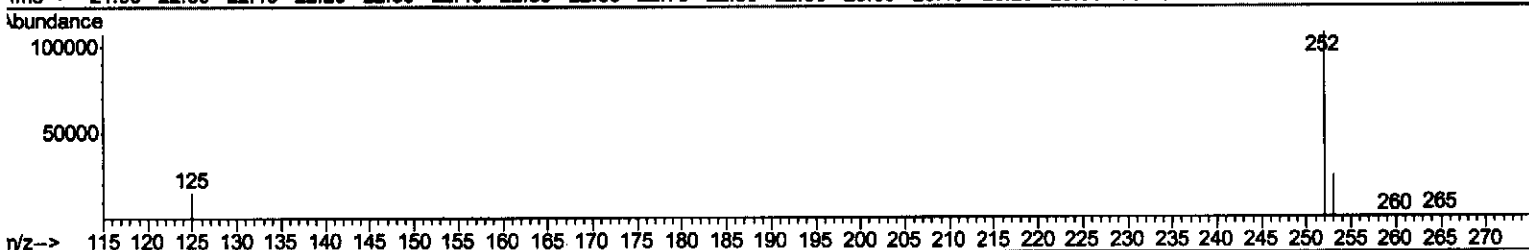
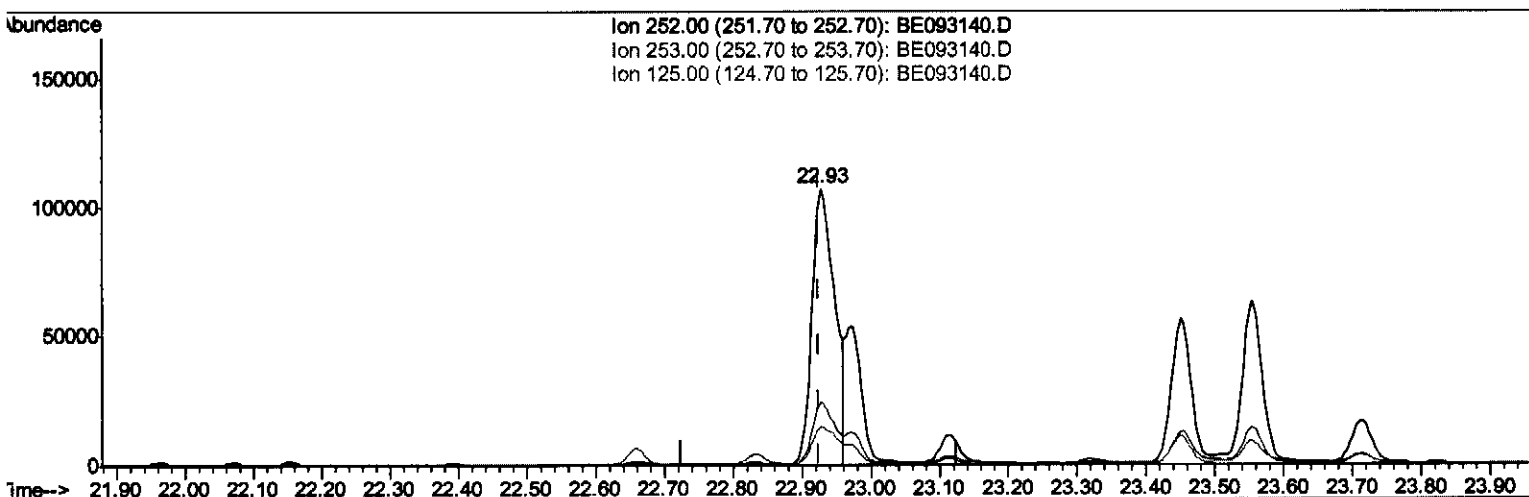
Quant Time: Jun 14 08:00:18 2017

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 14 01:25:15 2017

Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.927min (+0.001) 2.09ng/ul m

response 246395

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	22.96
125.00	17.50	14.05
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061317\

Quantitation Report (Qedit)

Data File : BE093140.D

Acq On : 13 Jun 2017 20:53

Operator : SJ/MA

Sample : I3522-20

Misc :

ALS Vial : 14 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5D36

Manual Integrations

APPROVED

mohammad

6/14/2017 2:59:16 PM

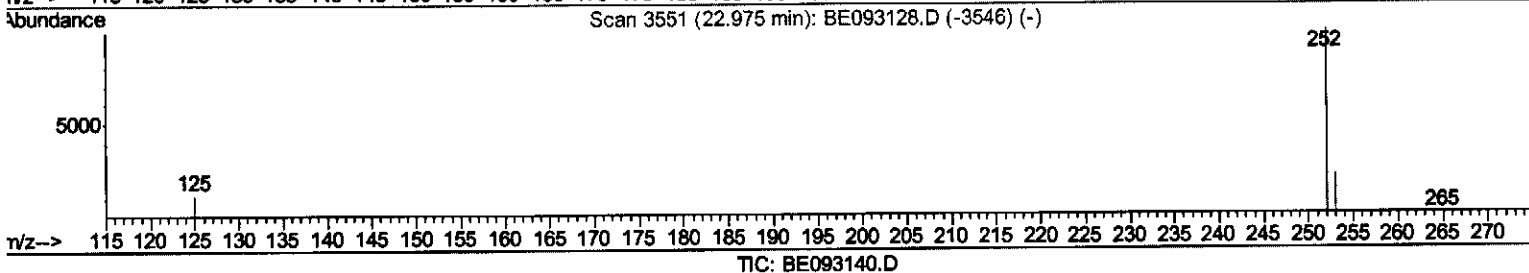
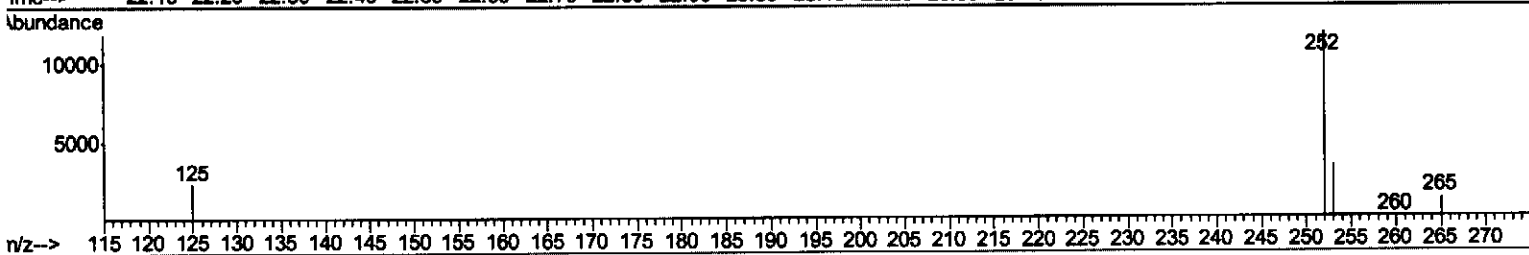
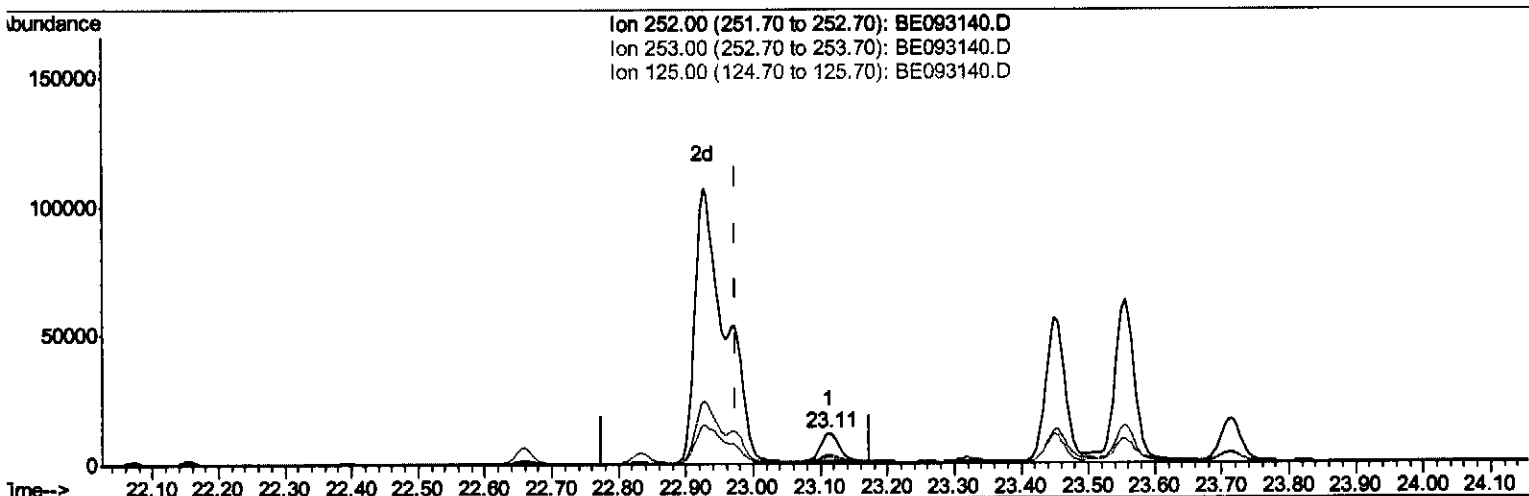
Quant Time: Jun 14 08:00:18 2017

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 14 01:25:15 2017

Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.113min (+0.138) 0.16ng/ul

response 20041

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	28.83
125.00	17.10	20.04
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061317\

Quantitation Report (Qedit)

Data File : BE093140.D

Acq On : 13 Jun 2017 20:53

Operator : SJ/MA

Sample : I3522-20

Misc :

ALS Vial : 14 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5D36

Manual Integrations
APPROVED

mohammad

6/14/2017 2:59:16 PM

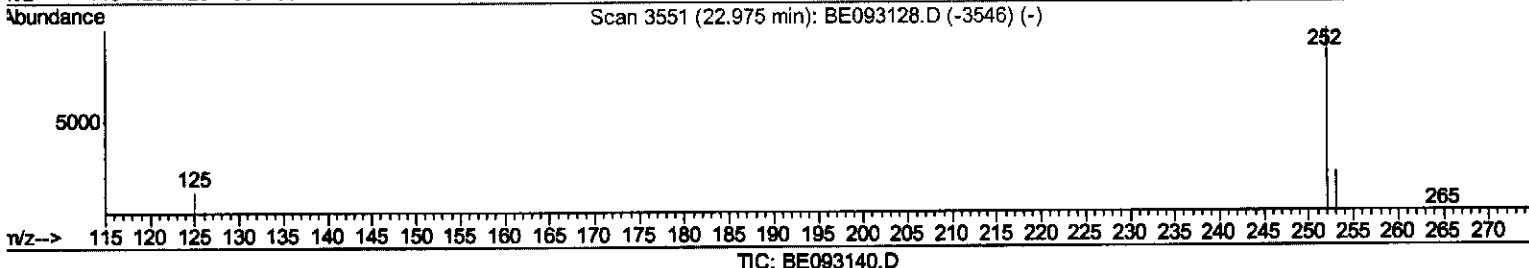
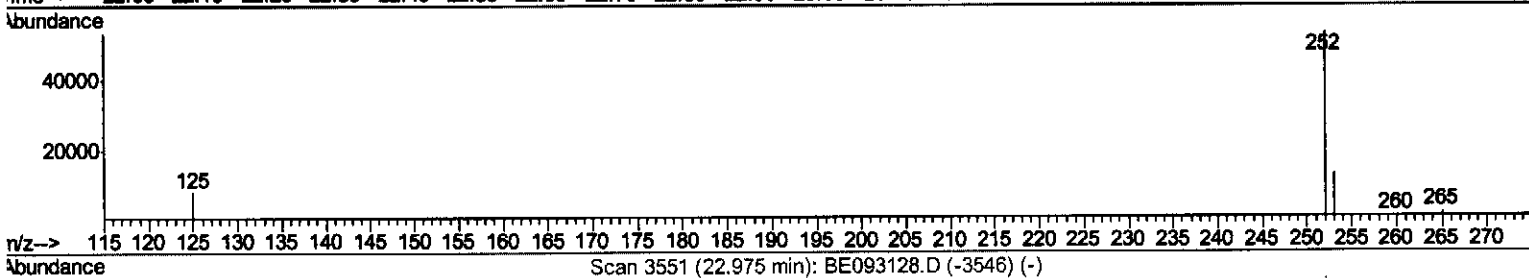
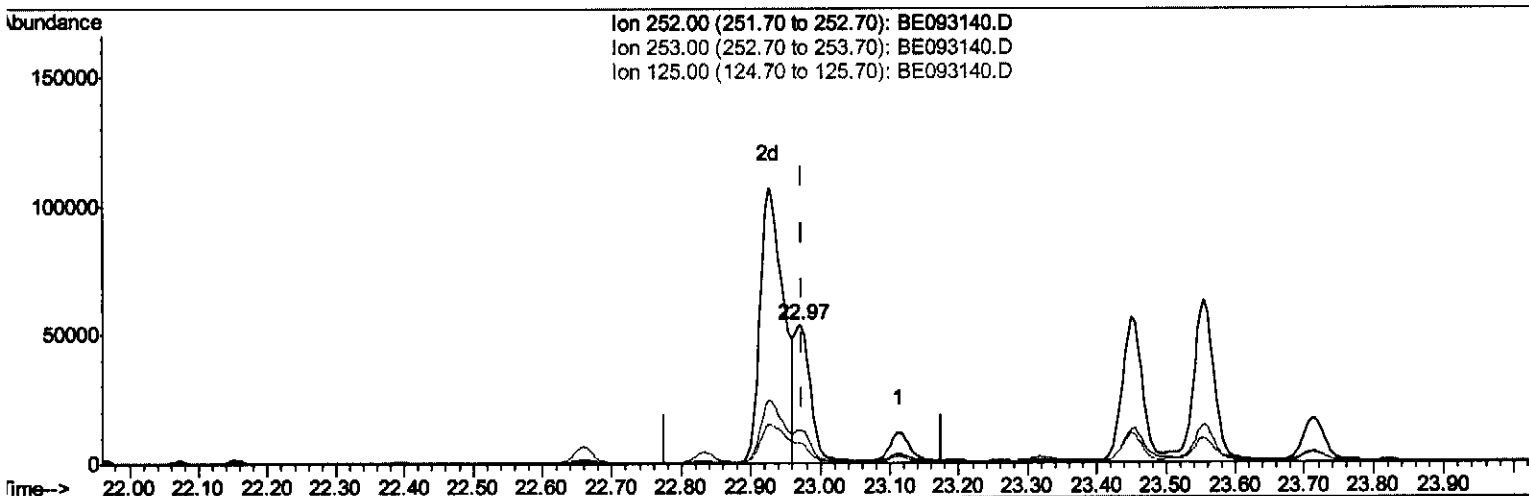
Quant Time: Jun 14 08:00:18 2017

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 14 01:25:15 2017

Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.972min (-0.003) 0.70ng/ul m

response 88250

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.80#
125.00	17.10	14.51
0.00	0.00	0.00

Data File : BE093140.D
Acq On : 13 Jun 2017 20:53
Operator : SJ/MA
Sample : I3522-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5D36

Manual Integrations
APPROVED
mohammad
6/14/2017 2:59:16 PM

Quant Time: Jun 14 08:07:15 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 14 01:25:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	4543	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	22060	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	13234	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	32481	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	35520	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	38920	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.11	152	5678	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	16181	0.18	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.57	128	9649	0.18	ng/ul#	93
5) 2-Methylnaphthalene	12.19	142	1412	0.04	ng/ul	100
7) Acenaphthylene	14.08	152	9885	0.17	ng/ul	98
8) Acenaphthene	14.43	153	1605	0.04	ng/ul	97
9) Fluorene	15.42	166	2311	0.04	ng/ul	94
12) Phenanthrene	17.14	178	17860	0.20	ng/ul#	86
13) Anthracene	17.22	178	16437	0.21	ng/ul#	88
15) Fluoranthene	19.15	202	151751	1.38	ng/ul	84
17) Pyrene	19.51	202	164194	1.57	ng/ul#	87
18) Benzo(a)anthracene	21.24	228	116722	1.23	ng/ul#	85
19) Chrysene	21.29	228	159583	1.62	ng/ul	97
21) Benzo(b)fluoranthene	22.93	252	246395m	2.09	ng/ul	} → 5506/2/17
22) Benzo(k)fluoranthene	22.97	252	88250m	0.70	ng/ul	
23) Benzo(a)pyrene	23.55	252	123764	1.11	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	26.17	276	73120	0.57	ng/ul#	87
25) Dibenzo(a,h)anthracene	26.19	278	19673	0.18	ng/ul#	90
26) Benzo(g,h,i)perylene	26.95	276	63228	0.57	ng/ul	97

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