

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062017\
Quantitation Report (QT Reviewed)

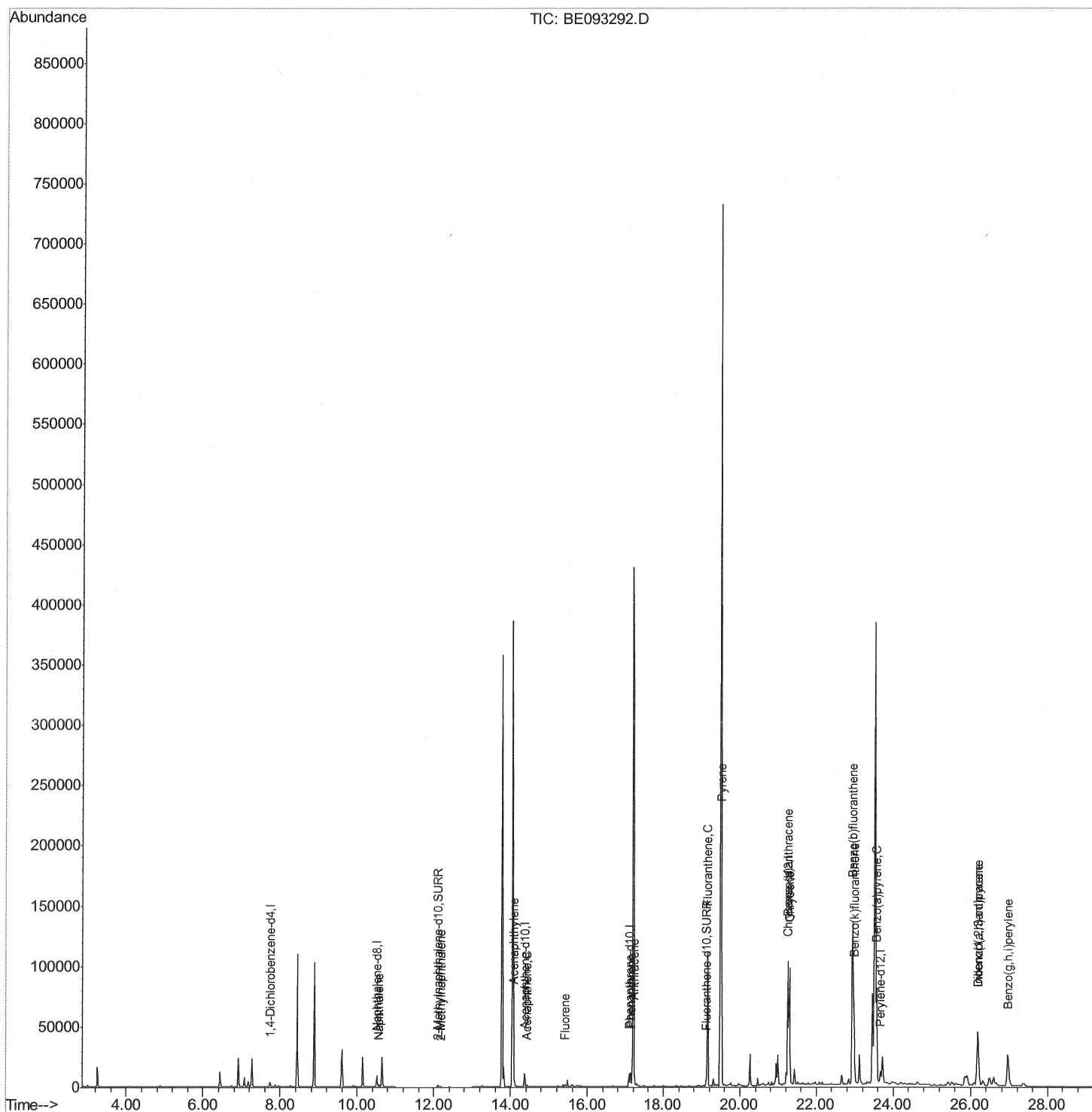
Data File : BE093292.D
Acq On : 20 Jun 2017 21:39
Operator : SJ/JU
Sample : I3627-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5B06

Manual Integrations
APPROVED

mohammad
6/21/2017 12:18:55 PM

Quant Time: Jun 21 03:54:09 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 21 03:23:49 2017
Response via : Initial Calibration



Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062017\
Quantitation Report (Qedit)

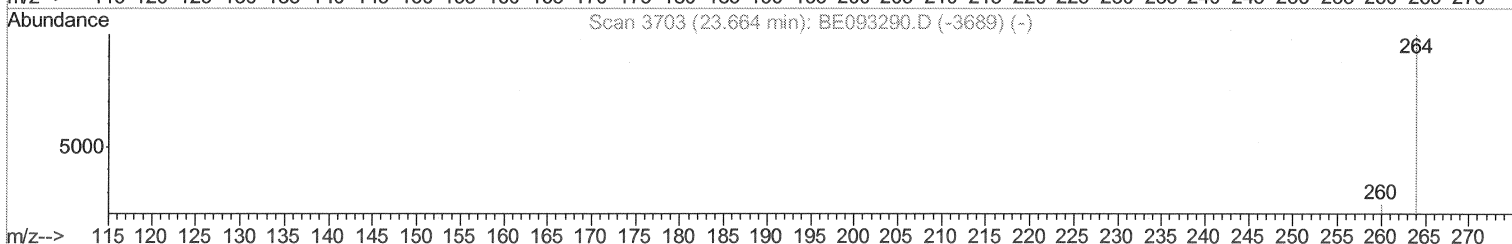
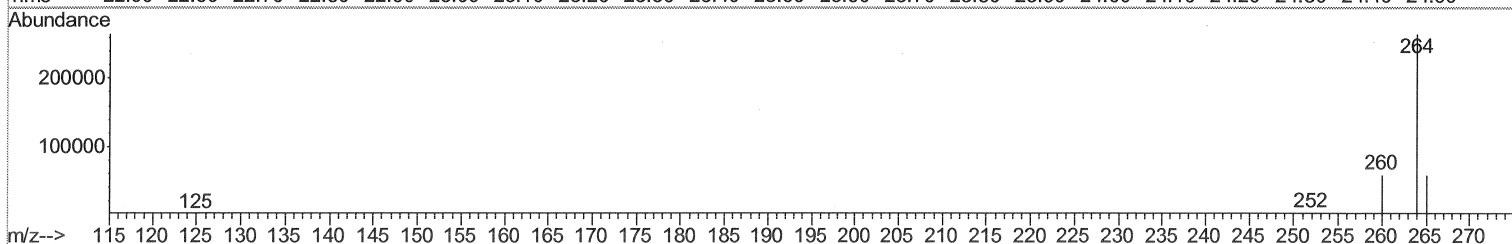
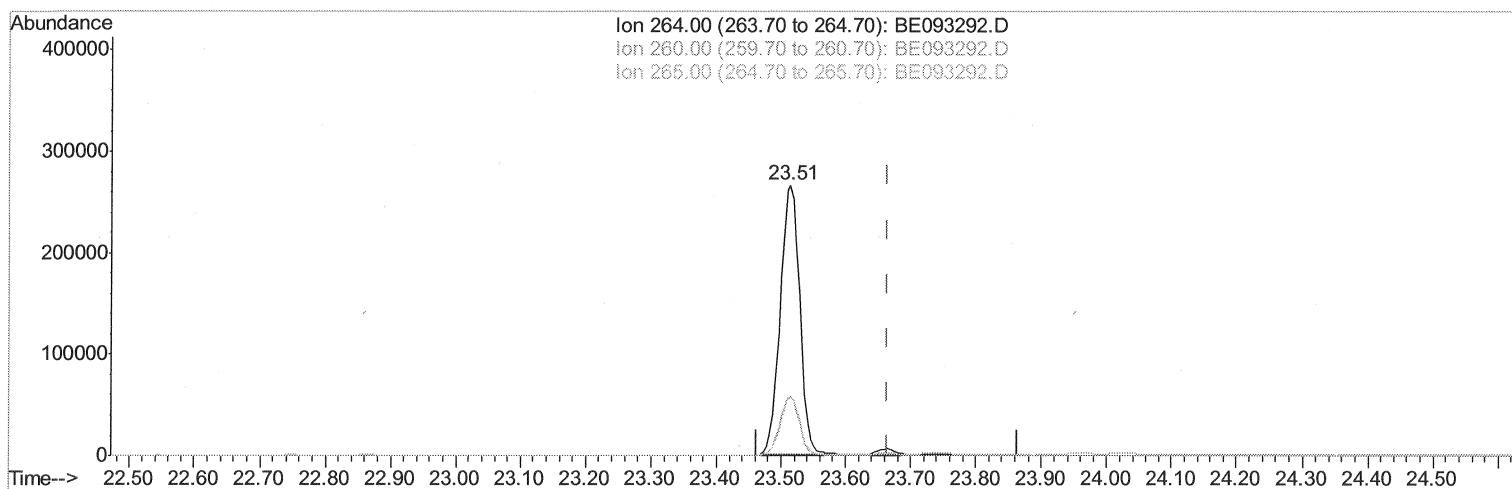
Data File : BE093292.D
Acq On : 20 Jun 2017 21:39
Operator : SJ/JU
Sample : I3627-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5B06

Manual Integrations
APPROVED

mohammad
6/21/2017 12:18:55 PM

Quant Time: Jun 21 03:24:09 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 21 03:23:49 2017
Response via : Initial Calibration



TIC: BE093292.D

(20) Perylene-d12 (I)

23.514min (-0.150) 0.40ng/ul

response 555092

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.60#
265.00	103.50	21.64#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062017\

Quantitation Report (Qedit)

Data File : BE093292.D

Acq On : 20 Jun 2017 21:39

Operator : SJ/JU

Sample : I3627-06

Misc :

ALS Vial : 17 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5B06

Manual Integrations
APPROVED

mohammad
6/21/2017 12:18:55 PM

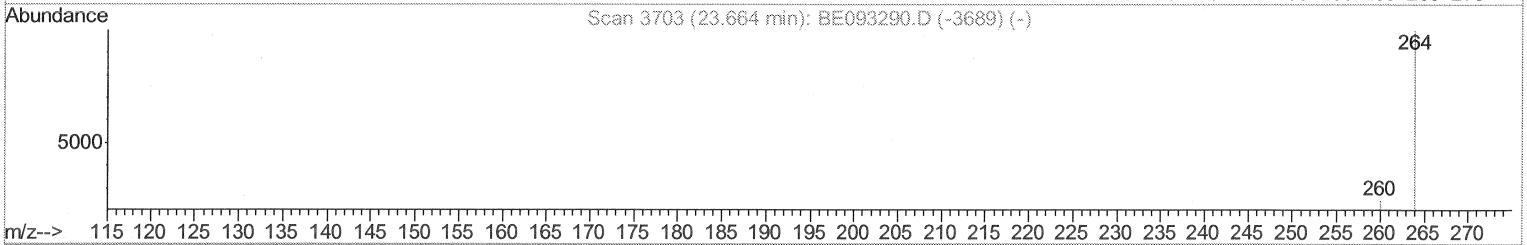
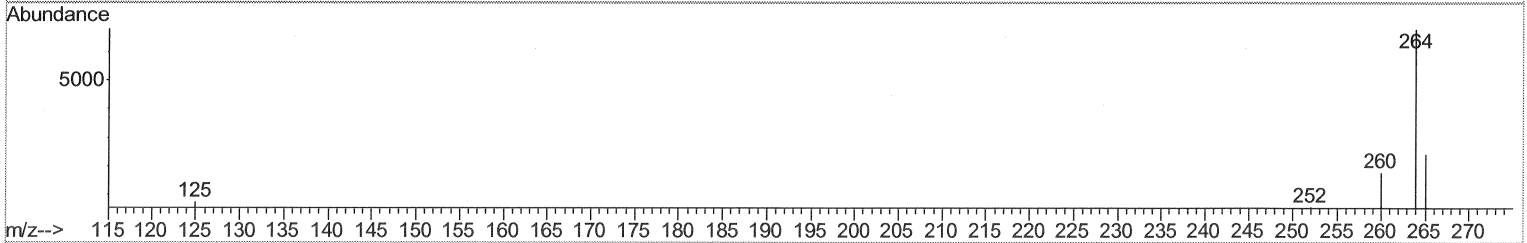
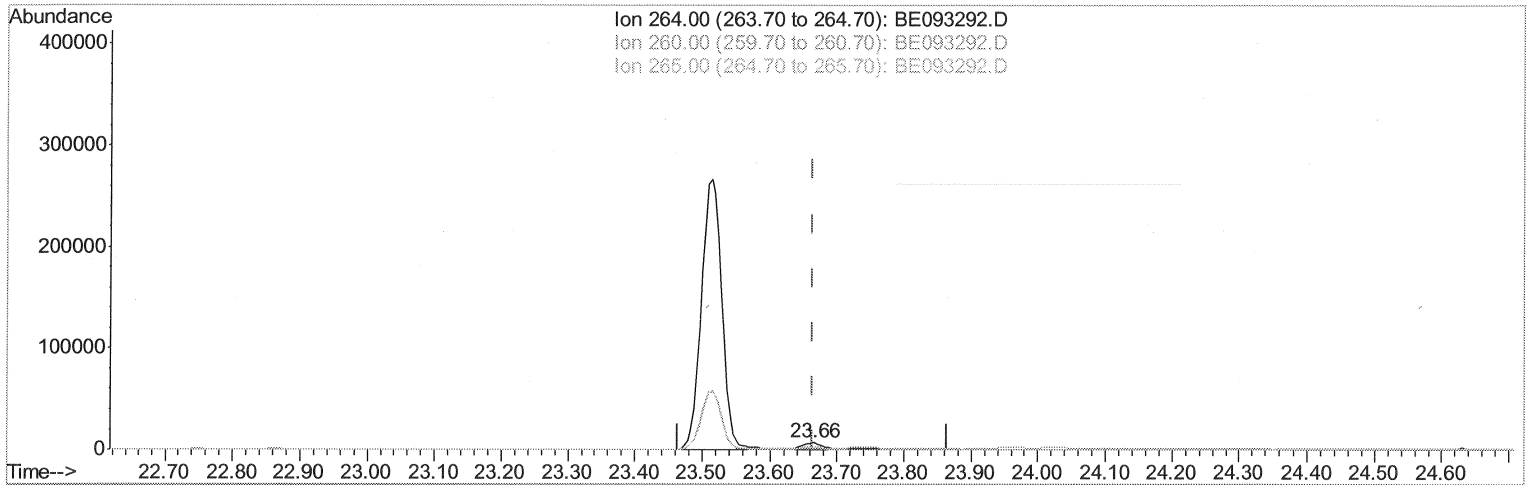
Quant Time: Jun 21 03:24:09 2017

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 21 03:23:49 2017

Response via : Initial Calibration



TIC: BE093292.D

(20) Perylene-d12 (I)

23.664min (+0.000) 0.40ng/ul m

response 12429

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	25.85
265.00	103.50	35.22#
0.00	0.00	0.00

SJ
6/26/17

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062017\
Quantitation Report (Qedit)

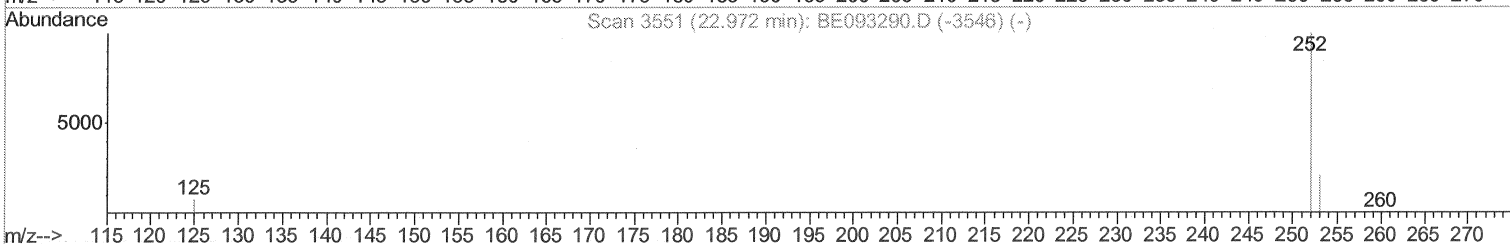
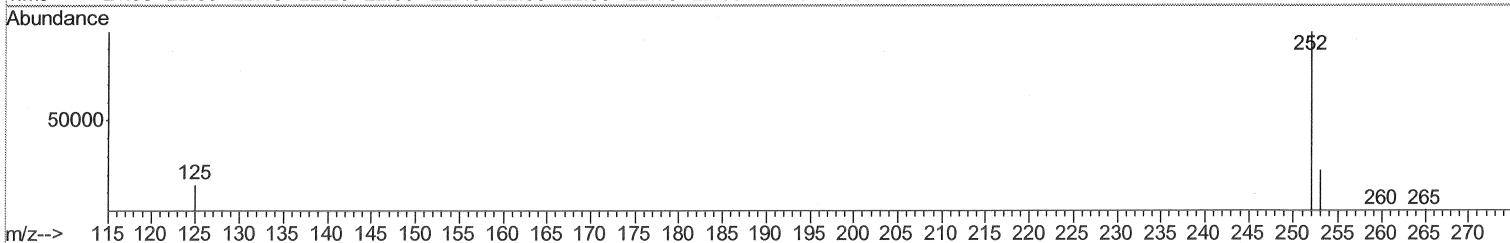
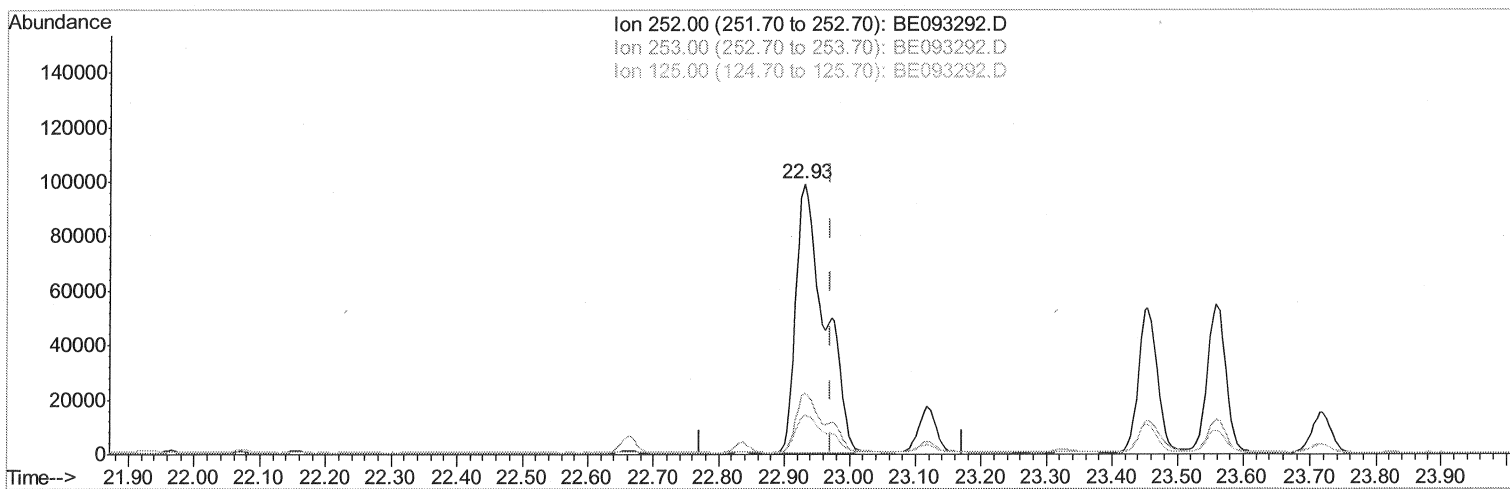
Data File : BE093292.D
Acq On : 20 Jun 2017 21:39
Operator : SJ/JU
Sample : I3627-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5B06

Manual Integrations
APPROVED

mohammad
6/21/2017 12:18:55 PM

Quant Time: Jun 21 03:52:57 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 03:23:49 2017
Response via : Initial Calibration



TIC: BE093292.D

(22) Benzo(k)fluoranthene

22.931min (-0.041) 7.58ng/ul

response 303662

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	22.64#
125.00	17.10	14.50
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062017\
Quantitation Report (Qedit)

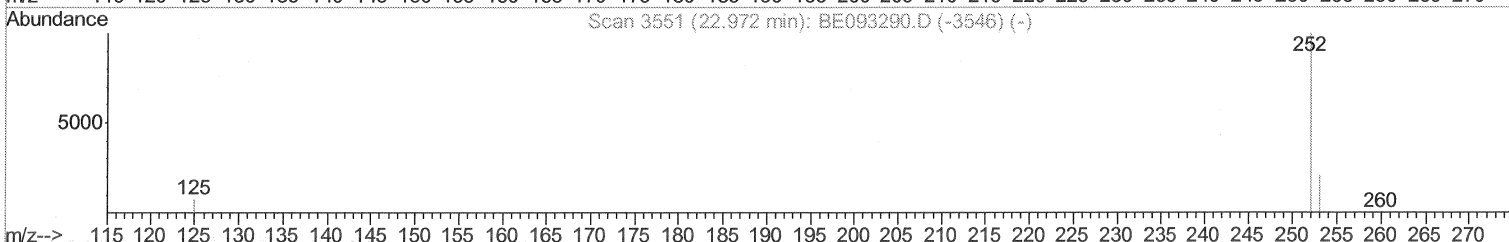
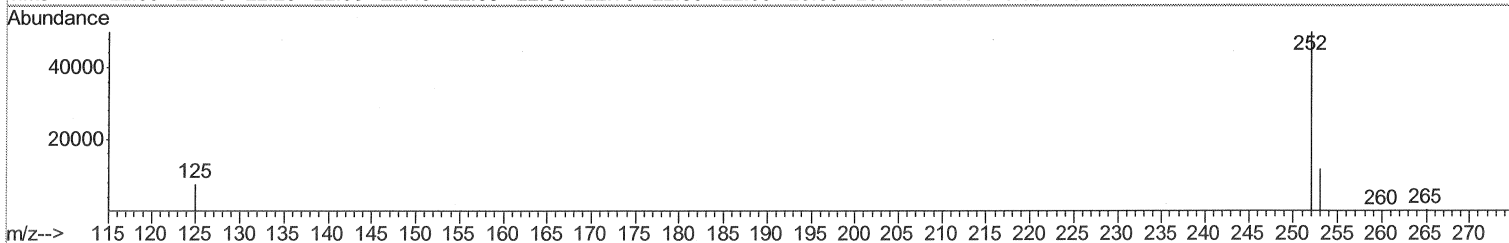
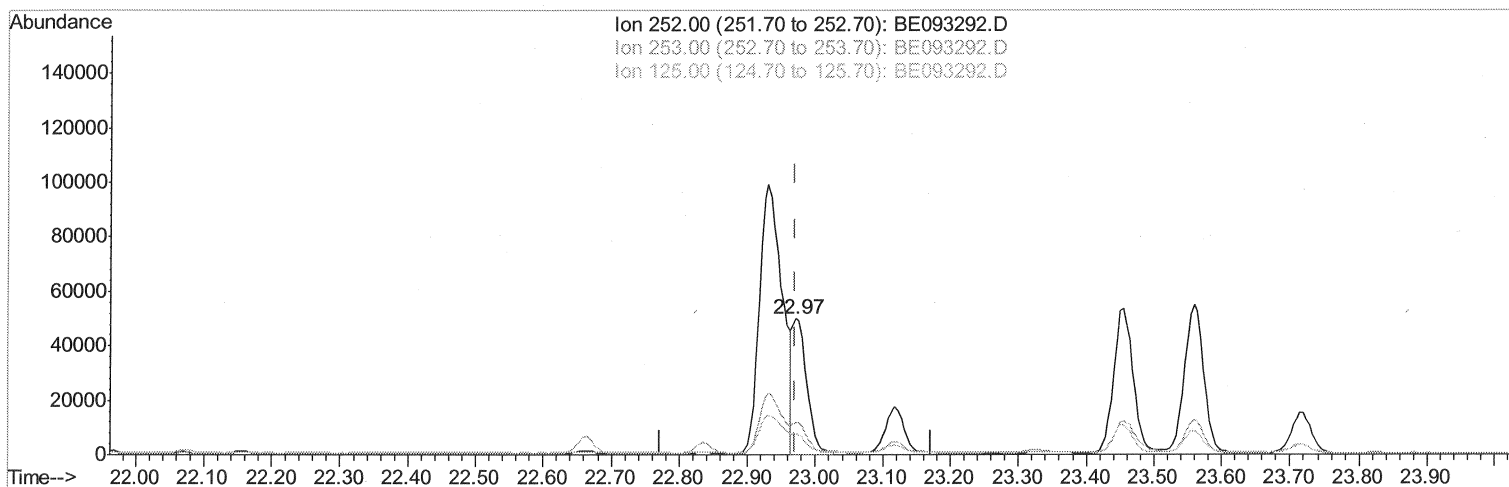
Data File : BE093292.D
Acq On : 20 Jun 2017 21:39
Operator : SJ/JU
Sample : I3627-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5B06

Manual Integrations
APPROVED

mohammad
6/21/2017 12:18:55 PM

Quant Time: Jun 21 03:52:57 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 03:23:49 2017
Response via : Initial Calibration



TIC: BE093292.D

(22) Benzo(k)fluoranthene

22.972min (+0.000) 1.85ng/ul m

response 74260

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.58#
125.00	17.10	15.40
0.00	0.00	0.00

SJ
6/26/17

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062017\
Quantitation Report (Qedit)

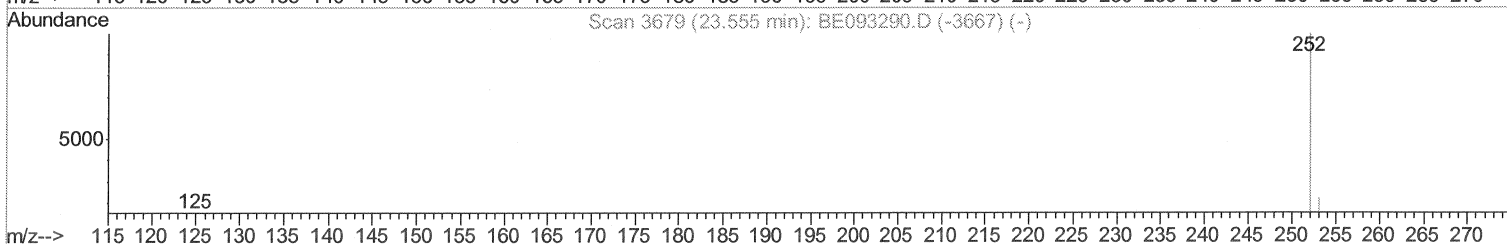
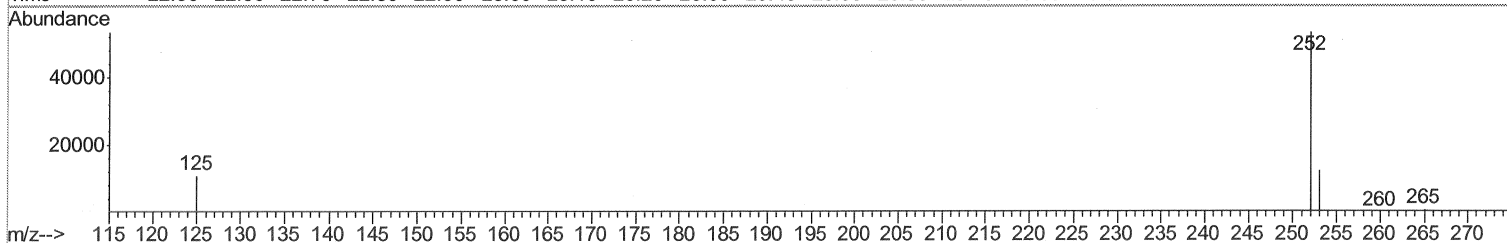
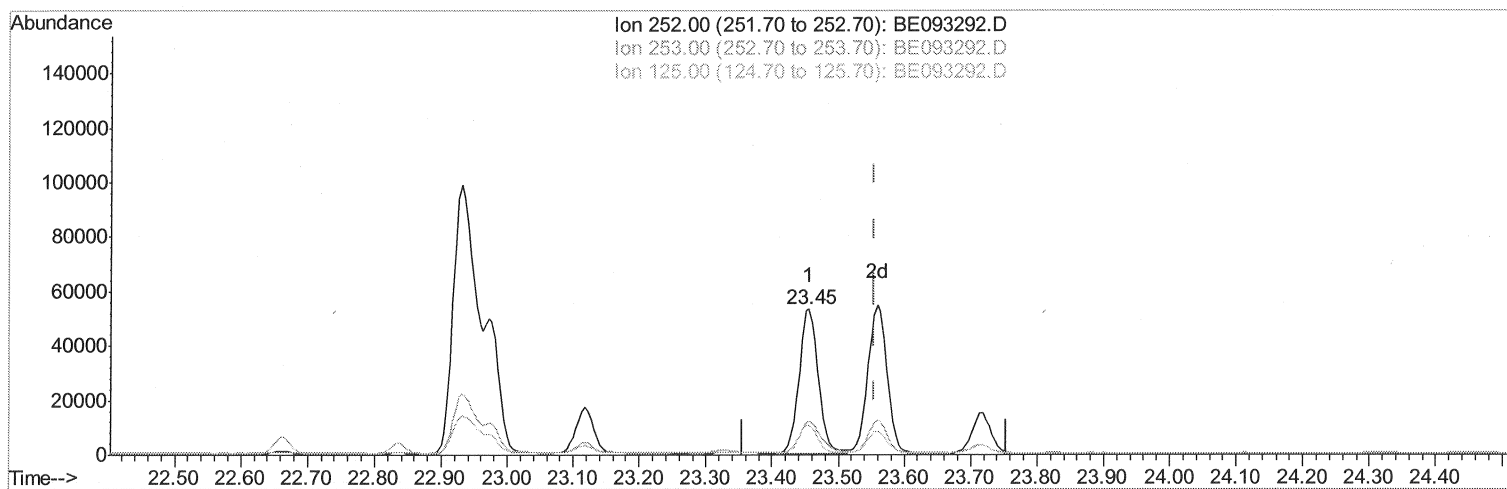
Data File : BE093292.D
Acq On : 20 Jun 2017 21:39
Operator : SJ/JU
Sample : I3627-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5B06

Manual Integrations
APPROVED

mohammad
6/21/2017 12:18:55 PM

Quant Time: Jun 21 03:52:57 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 03:23:49 2017
Response via : Initial Calibration



TIC: BE093292.D

(23) Benzo(a)pyrene (C)

23.455min (-0.100) 3.02ng/ul

response 107563

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	23.00#
125.00	22.60	20.34
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062017\
Quantitation Report (Qedit)

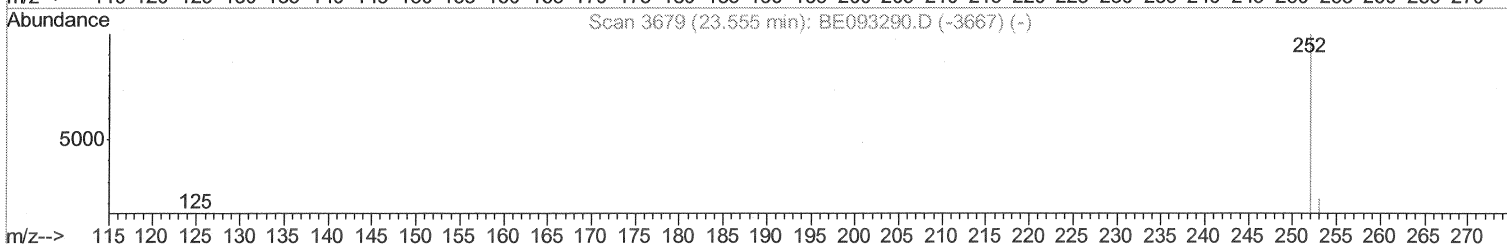
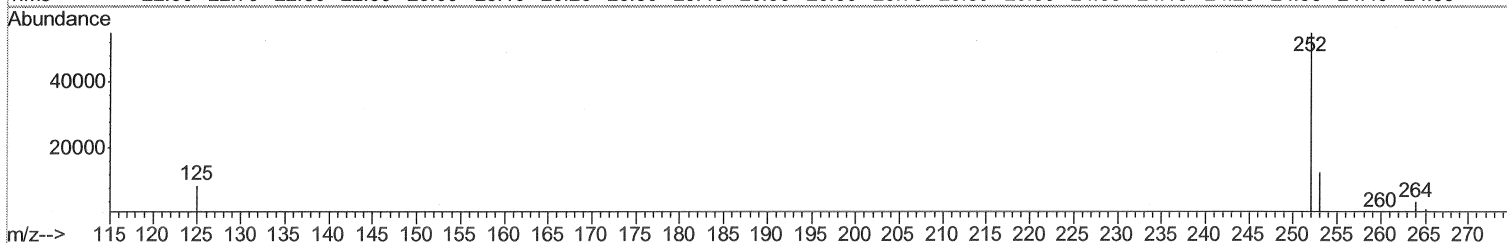
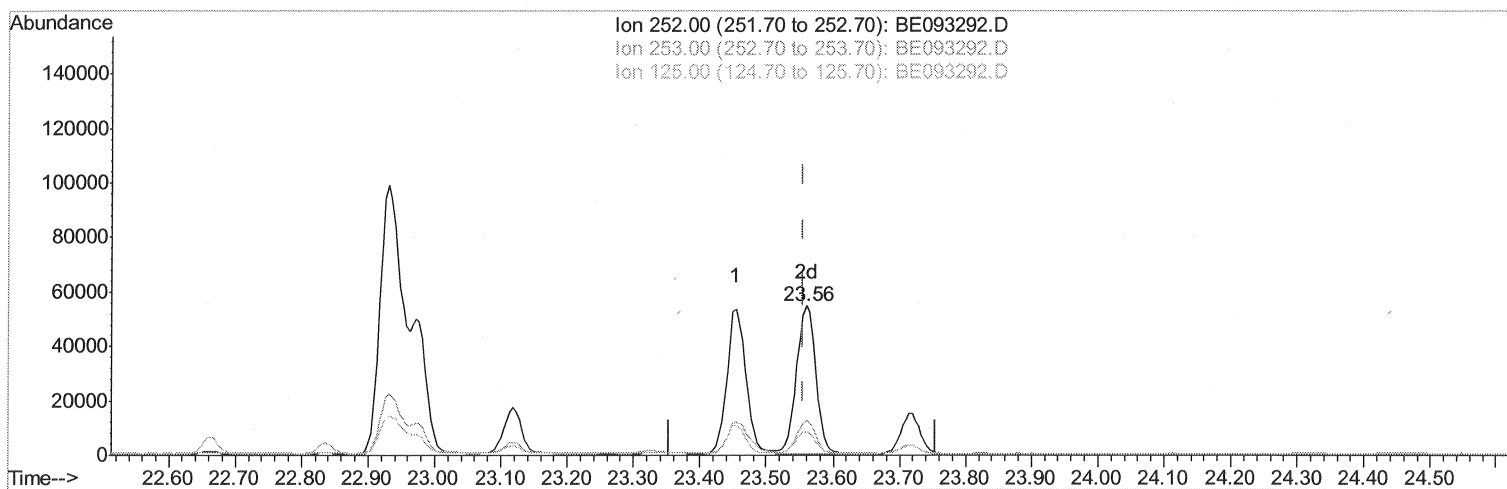
Data File : BE093292.D
Acq On : 20 Jun 2017 21:39
Operator : SJ/JU
Sample : I3627-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5B06

Manual Integrations
APPROVED

mohammad
6/21/2017 12:18:55 PM

Quant Time: Jun 21 03:52:57 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 03:23:49 2017
Response via : Initial Calibration



TIC: BE093292.D

(23) Benzo(a)pyrene (C)

23.559min (+0.005) 3.06ng/ul m

response 109217

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	23.36#
125.00	22.60	15.85#
0.00	0.00	0.00

52
6/26/17

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062017\
Quantitation Report (Qedit)

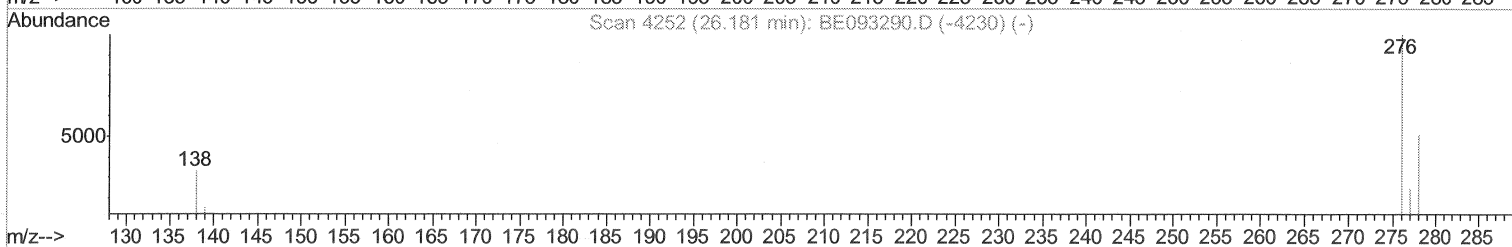
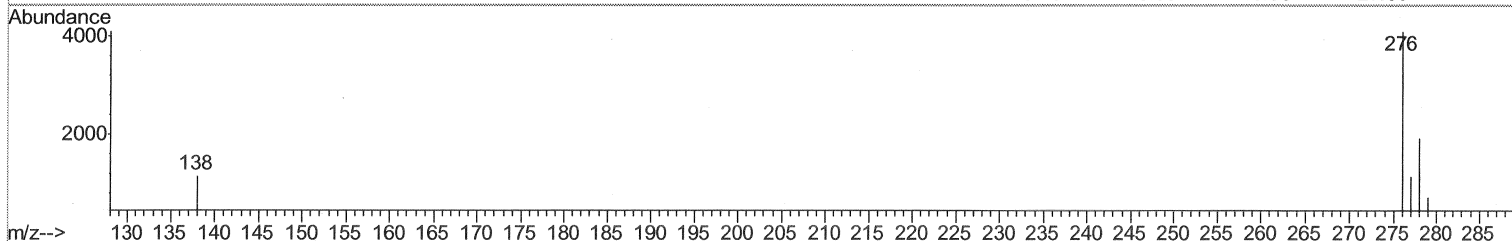
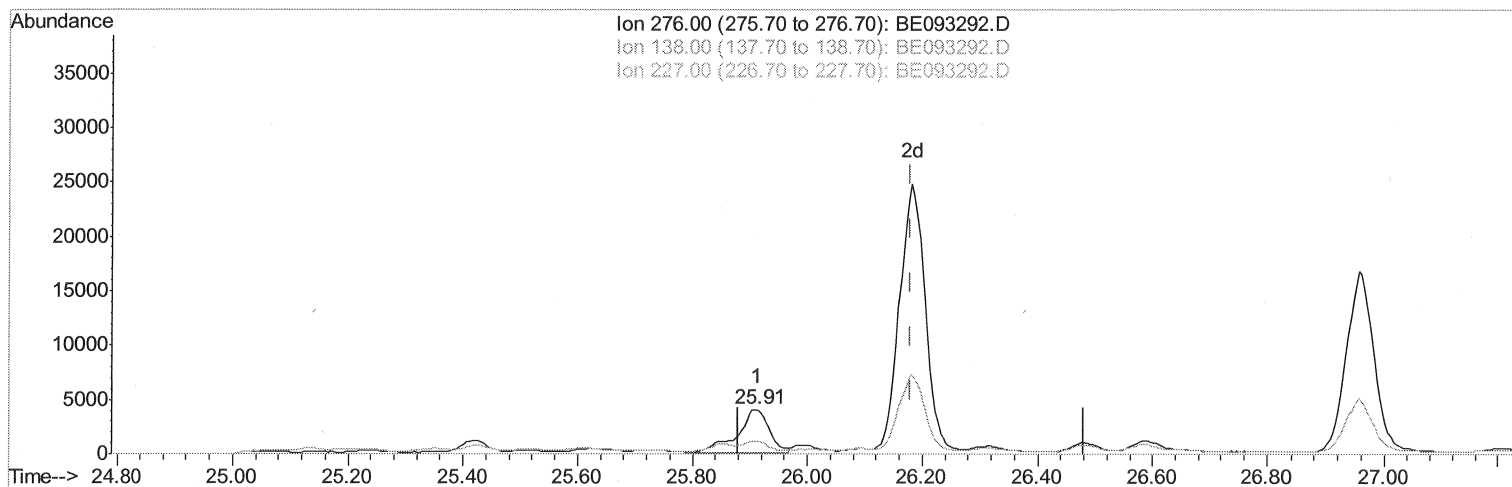
Data File : BE093292.D
Acq On : 20 Jun 2017 21:39
Operator : SJ/JU
Sample : I3627-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5B06

Manual Integrations
APPROVED

mohammad
6/21/2017 12:18:55 PM

Quant Time: Jun 21 03:52:57 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 03:23:49 2017
Response via : Initial Calibration



TIC: BE093292.D

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

25.912min (-0.268) 0.36ng/ul

response 14824

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	17.21#
227.00	10.00	0.00#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062017\

Quantitation Report (Qedit)

Data File : BE093292.D

Acq On : 20 Jun 2017 21:39

Operator : SJ/JU

Sample : I3627-06

Misc :

ALS Vial : 17 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5B06

Manual Integrations
APPROVED

mohammad
6/21/2017 12:18:55 PM

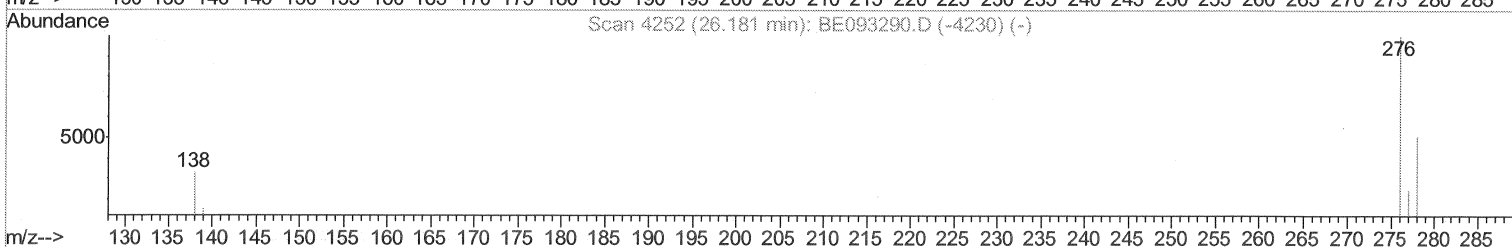
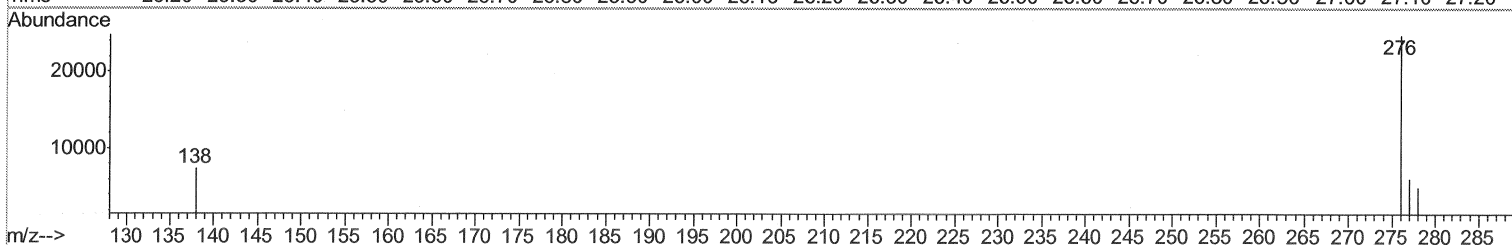
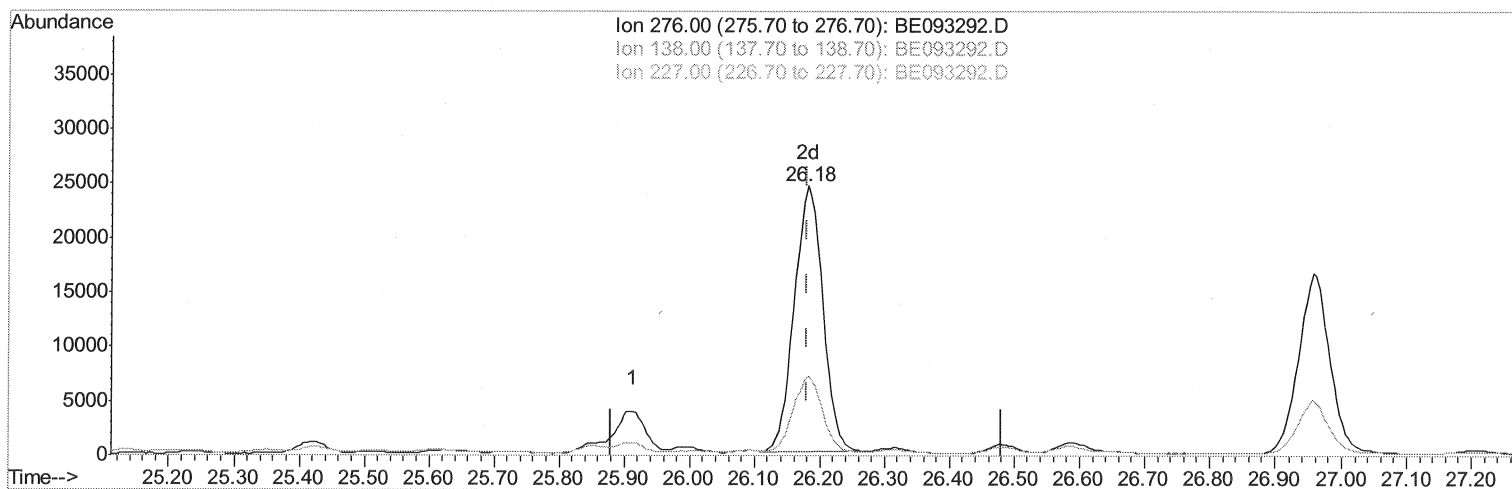
Quant Time: Jun 21 03:52:57 2017

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 21 03:23:49 2017

Response via : Initial Calibration



TIC: BE093292.D

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

26.181min (+0.001) 1.80ng/ul m

response 74181

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	3.44#
227.00	10.00	0.00#
0.00	0.00	0.00

57
6/26/17

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062017\

Quantitation Report (Qedit)

Data File : BE093292.D

Acq On : 20 Jun 2017 21:39

Operator : SJ/JU

Sample : I3627-06

Misc :

ALS Vial : 17 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5B06

Manual Integrations
APPROVED

mohammad
6/21/2017 12:18:55 PM

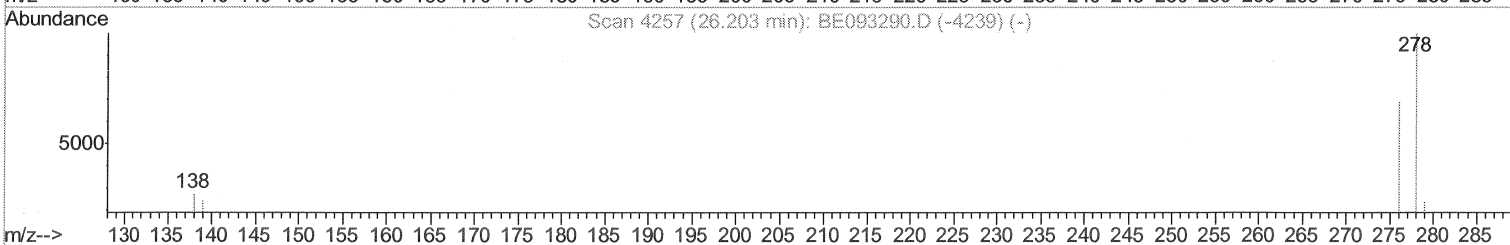
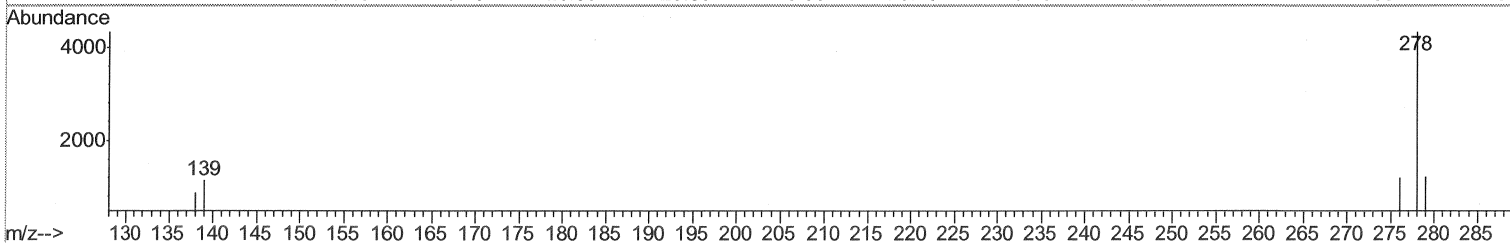
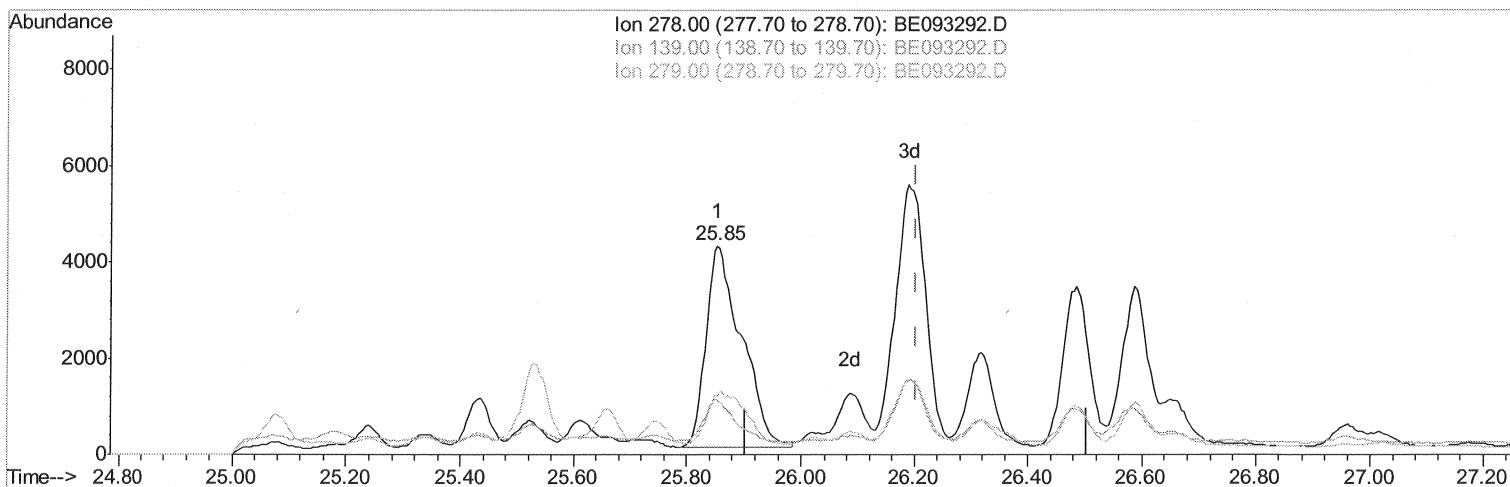
Quant Time: Jun 21 03:52:57 2017

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 21 03:23:49 2017

Response via : Initial Calibration



TIC: BE093292.D

(25) Dibenzo(a,h)anthracene

25.853min (-0.350) 0.52ng/ul

response 18171

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	26.01
279.00	32.40	27.78
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062017\

Quantitation Report (Qedit)

Data File : BE093292.D

Acq On : 20 Jun 2017 21:39

Operator : SJ/JU

Sample : I3627-06

Misc :

ALS Vial : 17 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5B06

Manual Integrations
APPROVED

mohammad
6/21/2017 12:18:55 PM

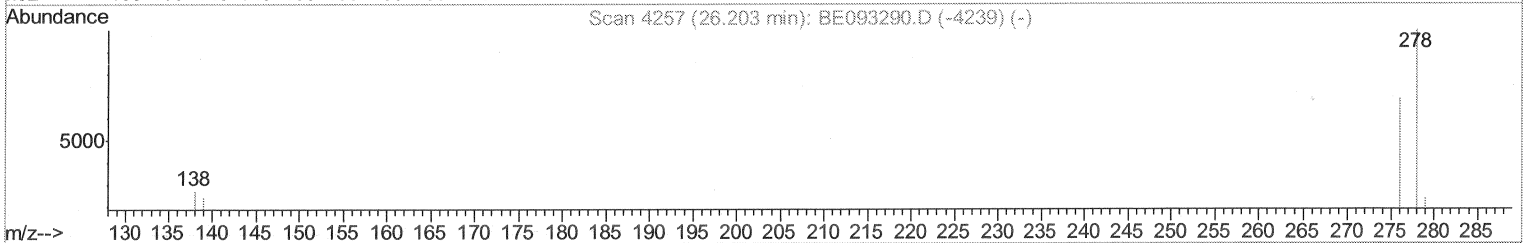
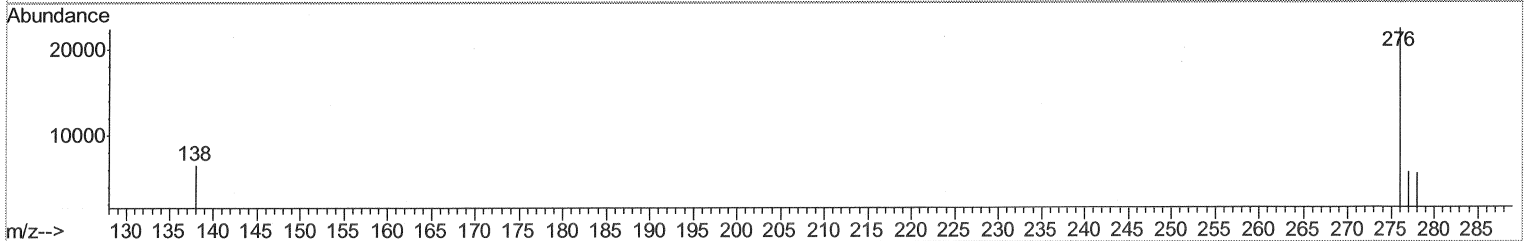
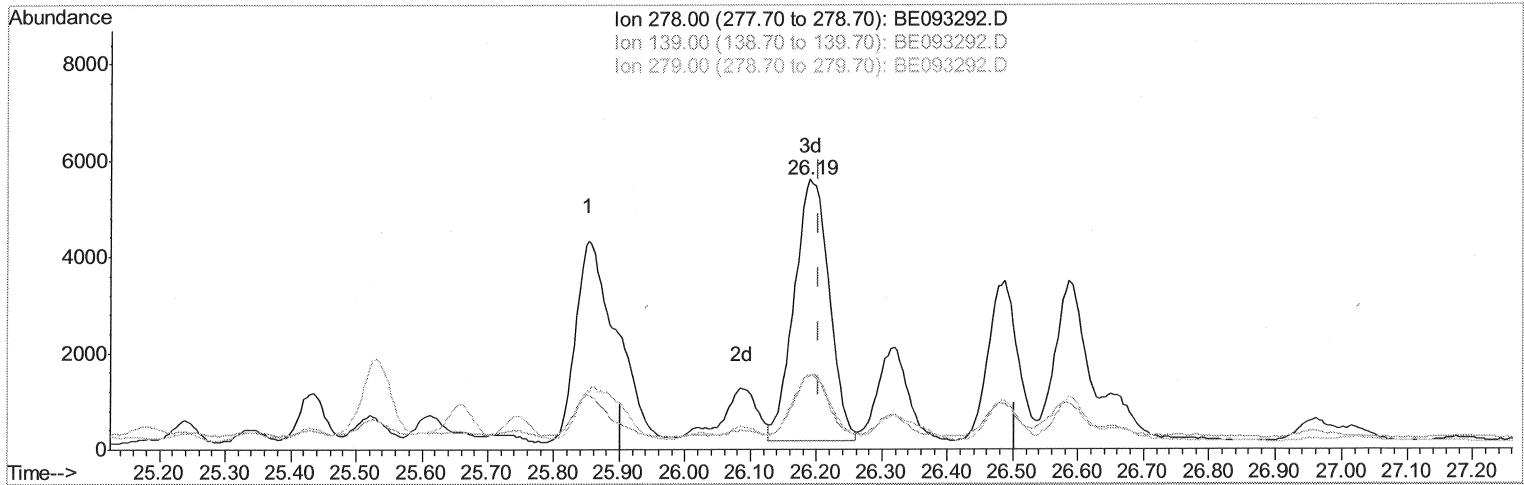
Quant Time: Jun 21 03:52:57 2017

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 21 03:23:49 2017

Response via : Initial Calibration



TIC: BE093292.D

(25) Dibenzo(a,h)anthracene

26.190min (-0.013) 0.58ng/ul m

response 20110

Ion Exp% Act%

278.00 100 100

139.00 21.70 27.45#

279.00 32.40 27.77

0.00 0.00 0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062017\
Quantitation Report (QT Reviewed)

Data File : BE093292.D
Acq On : 20 Jun 2017 21:39
Operator : SJ/JU
Sample : I3627-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5B06

Manual Integrations
APPROVED

mohammad
6/21/2017 12:18:55 PM

Quant Time: Jun 21 03:54:09 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 21 03:23:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	1805	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	9432	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	5900	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	14598	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	14597	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	12429m	0.40	ng/ul	0.00

SJ
6/26/17

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev (Min)
4) 2-Methylnaphthalene-d10	12.11	152	2936	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	8101	0.20	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.56	128	2284	0.10	ng/ul#	95
5) 2-Methylnaphthalene	12.18	142	644	0.04	ng/ul	99
7) Acenaphthylene	14.08	152	20097	0.79	ng/ul	96
8) Acenaphthene	14.42	153	1067	0.05	ng/ul	94
9) Fluorene	15.42	166	1264	0.05	ng/ul	95
12) Phenanthrene	17.14	178	12188	0.30	ng/ul#	89
13) Anthracene	17.22	178	29906	0.86	ng/ul#	88
15) Fluoranthene	19.15	202	116177	2.36	ng/ul	84
17) Pyrene	19.51	202	180915	4.20	ng/ul#	86
18) Benzo(a)anthracene	21.24	228	82762	2.13	ng/ul#	85
19) Chrysene	21.29	228	122244	3.03	ng/ul	98
21) Benzo(b)fluoranthene	22.93	252	231781	6.15	ng/ul	87
22) Benzo(k)fluoranthene	22.97	252	74260m	1.85	ng/ul	
23) Benzo(a)pyrene	23.56	252	109217m	3.06	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.18	276	74181m	1.80	ng/ul	
25) Dibenzo(a,h)anthracene	26.19	278	20110m	0.58	ng/ul	
26) Benzo(g,h,i)perylene	26.96	276	55216	1.56	ng/ul	95

SJ
6/26/17

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