

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062317\
Quantitation Report (QT Reviewed)

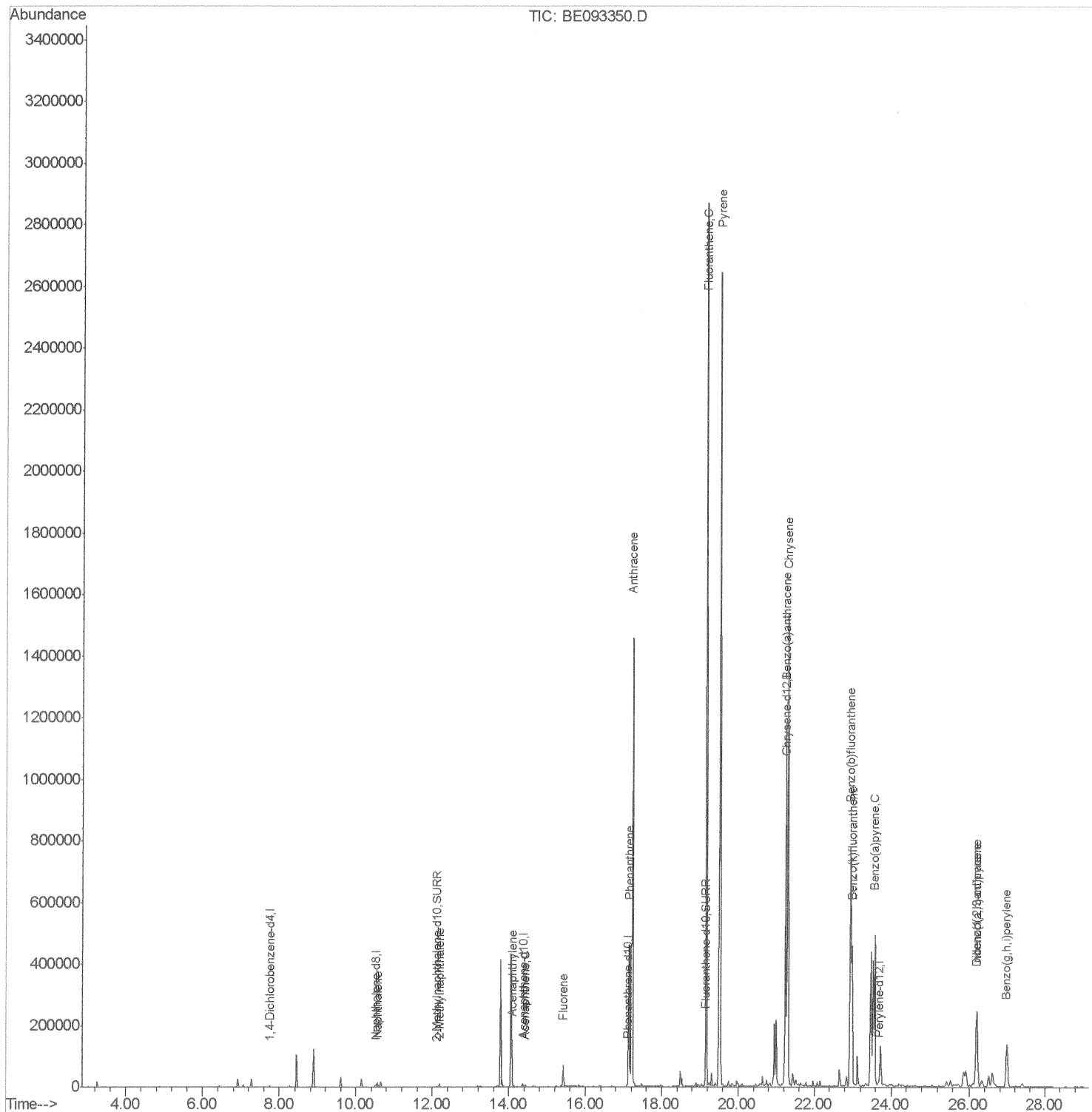
Data File : BE093350.D
Acq On : 23 Jun 2017 23:15
Operator : SJ/JU
Sample : I3627-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5A93

Manual Integrations
APPROVED

mohammad
6/29/2017 8:33:34 AM

Quant Time: Jun 24 05:06:13 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 24 04:29:07 2017
Response via : Initial Calibration



Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062317\

Quantitation Report (Qedit)

Data File : BE093350.D

Acq On : 23 Jun 2017 23:15

Operator : SJ/JU

Sample : I3627-10

Misc :

ALS Vial : 17 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5A93

Manual Integrations
APPROVED

mohammad
6/29/2017 8:33:34 AM

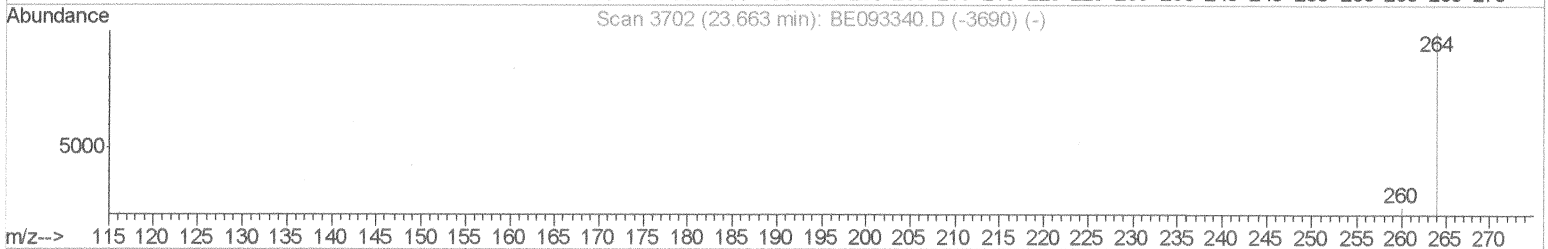
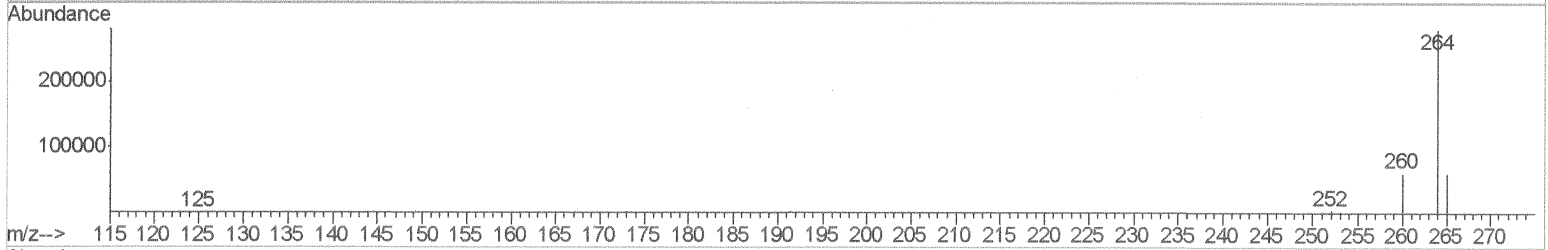
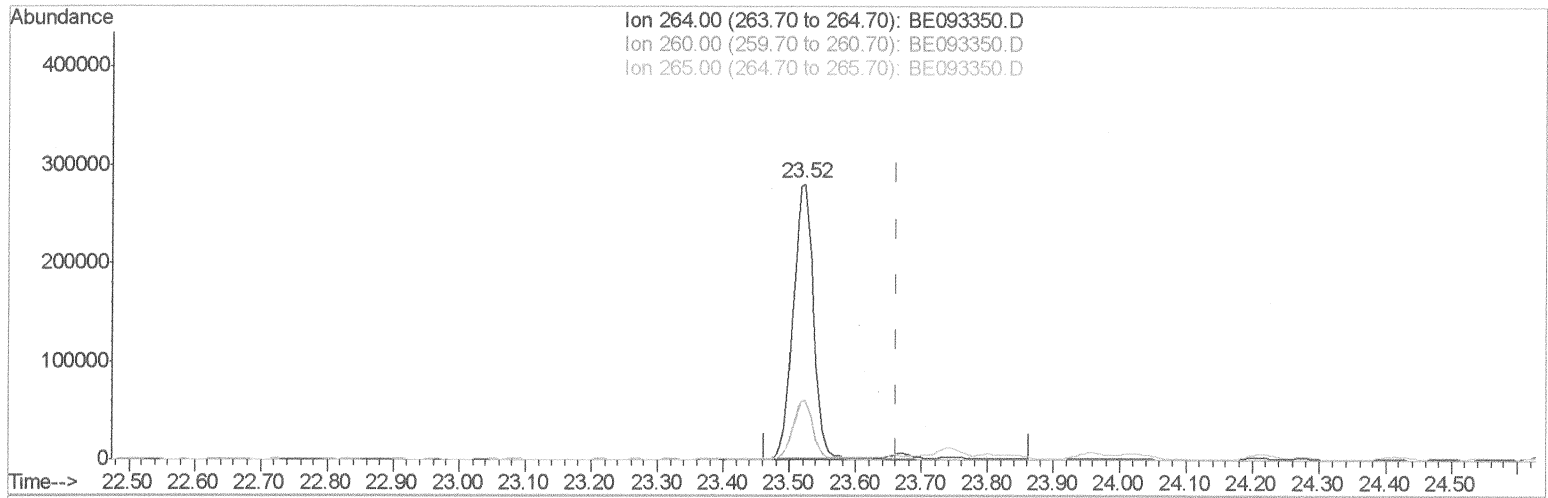
Quant Time: Jun 24 04:30:23 2017

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Jun 24 04:29:07 2017

Response via : Initial Calibration



TIC: BE093350.D

(20) Perylene-d12 (I)

23.522min (-0.142) 0.40ng/ul

response 587597

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.79#
265.00	103.50	21.48#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062317\

Quantitation Report (Qedit)

Data File : BE093350.D

Acq On : 23 Jun 2017 23:15

Operator : SJ/JU

Sample : I3627-10

Misc :

ALS Vial : 17 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5A93

Manual Integrations
APPROVED

mohammad
6/29/2017 8:33:34 AM

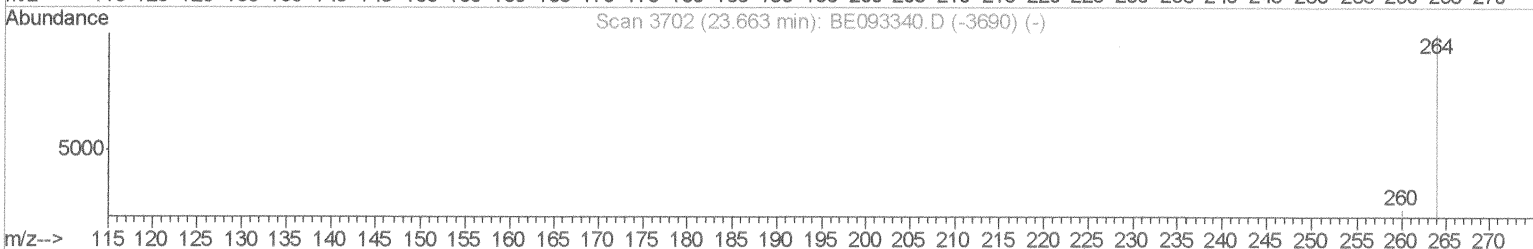
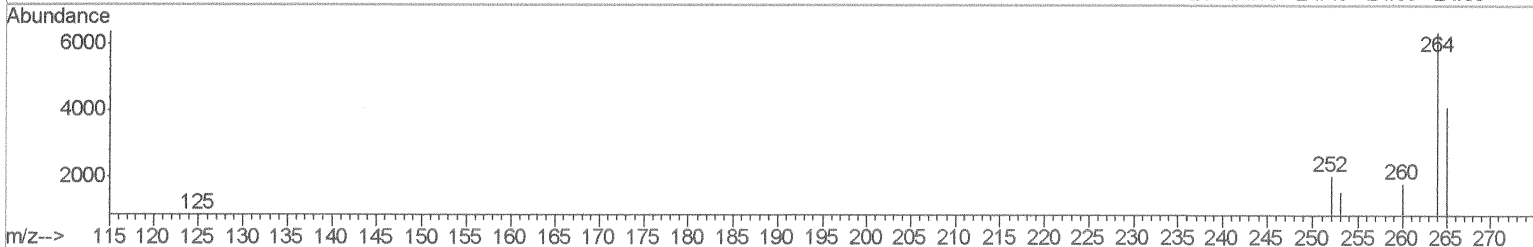
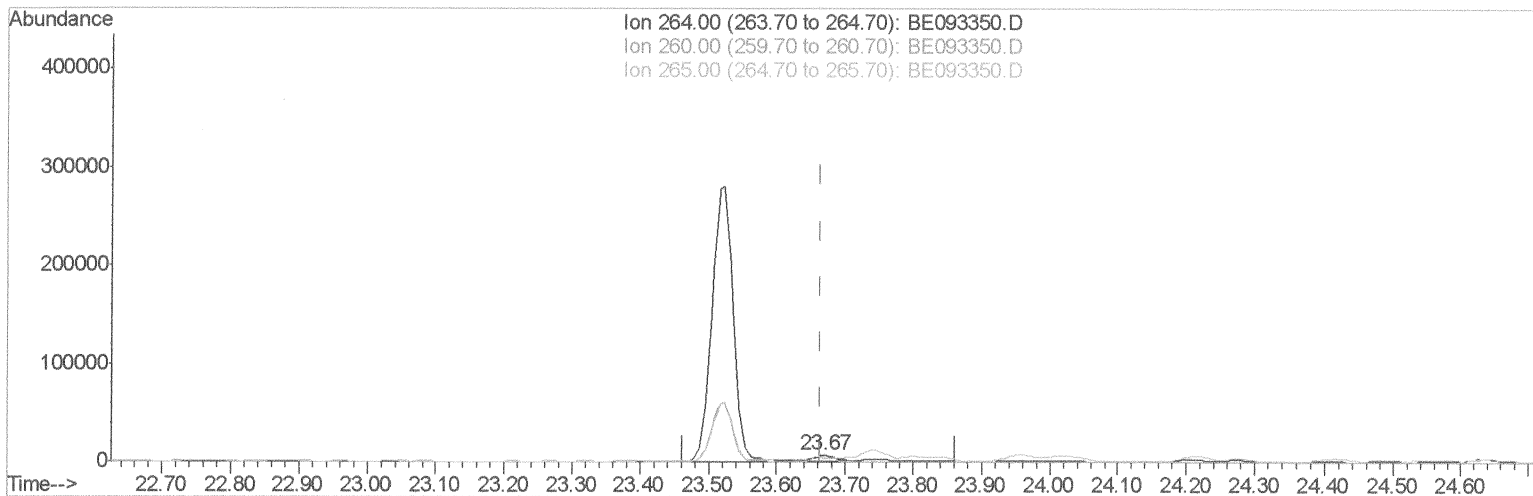
Quant Time: Jun 24 04:30:23 2017

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Jun 24 04:29:07 2017

Response via : Initial Calibration



TIC: BE093350.D

(20) Perylene-d12 (I)

23.668min (+0.004) 0.40ng/ul m

SJ 6/29/17

response 11990

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	28.23
265.00	103.50	64.60#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062317\

Quantitation Report (Qedit)

Data File : BE093350.D

Acq On : 23 Jun 2017 23:15

Operator : SJ/JU

Sample : I3627-10

Misc :

ALS Vial : 17 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5A93

Manual Integrations
APPROVED

mohammad
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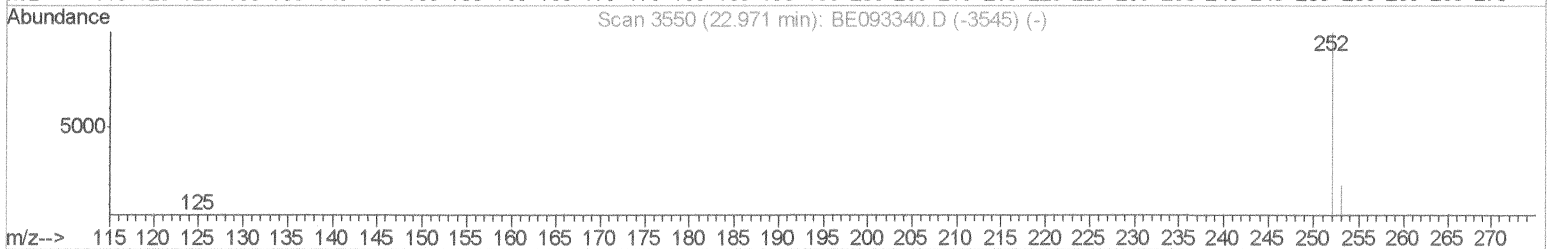
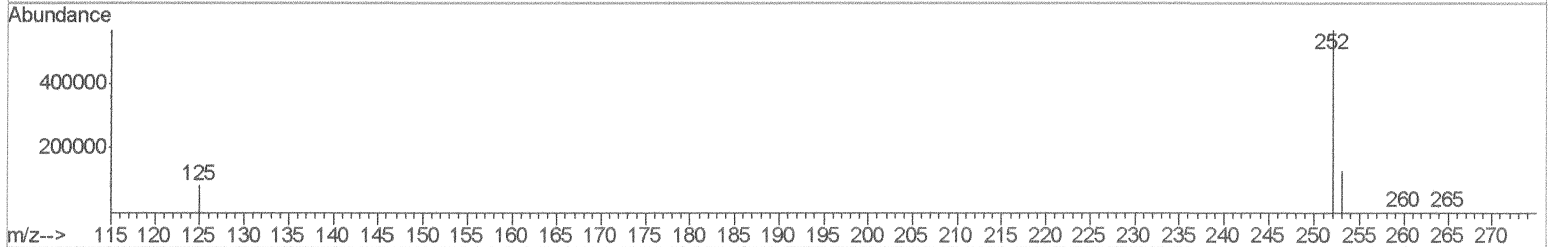
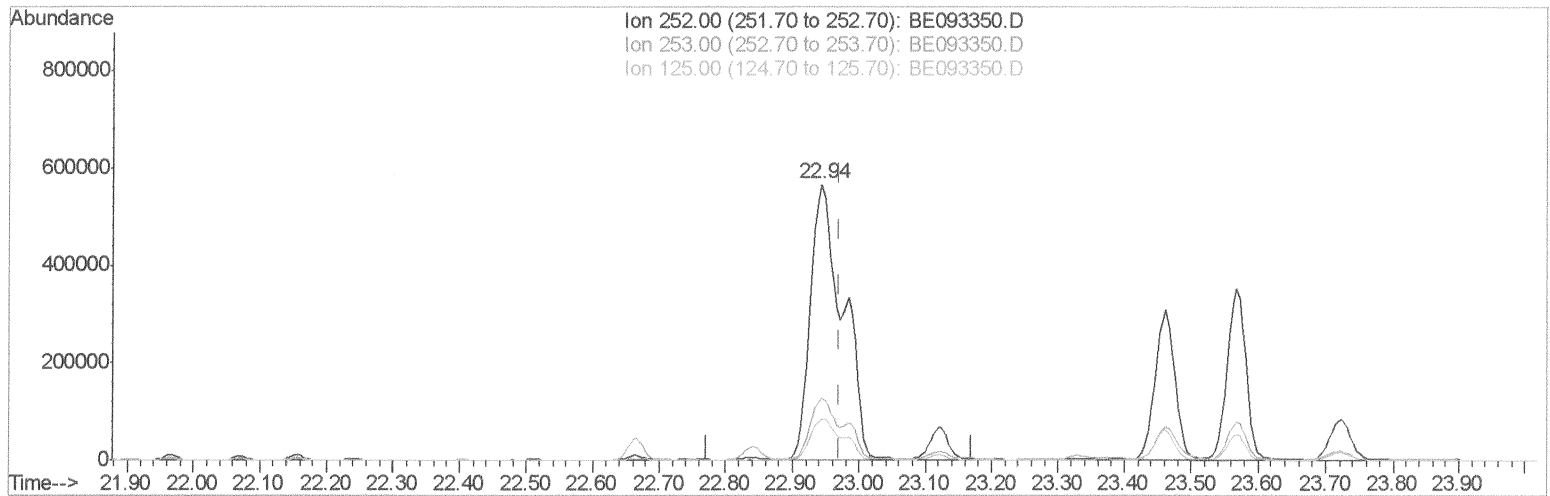
Quant Time: Jun 24 05:05:09 2017

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Jun 24 04:29:07 2017

Response via : Initial Calibration



TIC: BE093350.D

(22) Benzo(k)fluoranthene

22.943min (-0.028) 48.89ng/ul

response 1889354

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	22.64#
125.00	17.10	15.09
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062317\

Quantitation Report (Qedit)

Data File : BE093350.D

Acq On : 23 Jun 2017 23:15

Operator : SJ/JU

Sample : I3627-10

Misc :

ALS Vial : 17 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5A93

Manual Integrations
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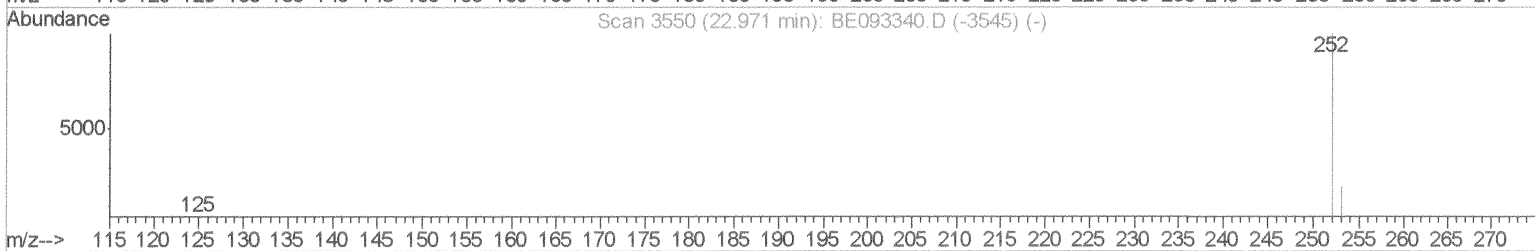
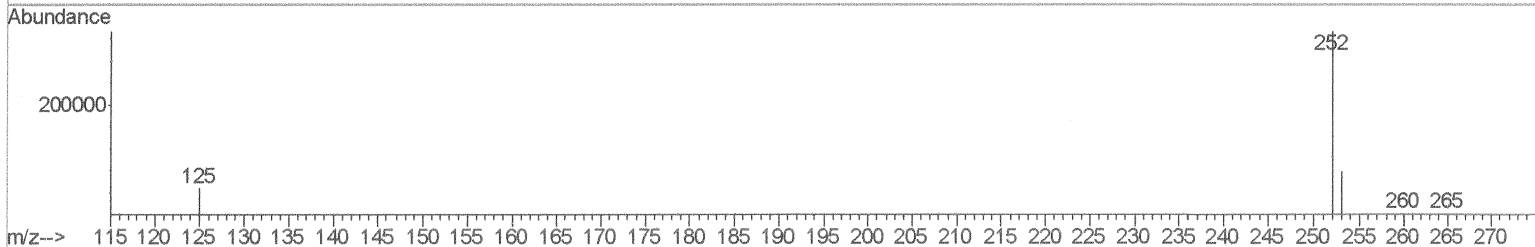
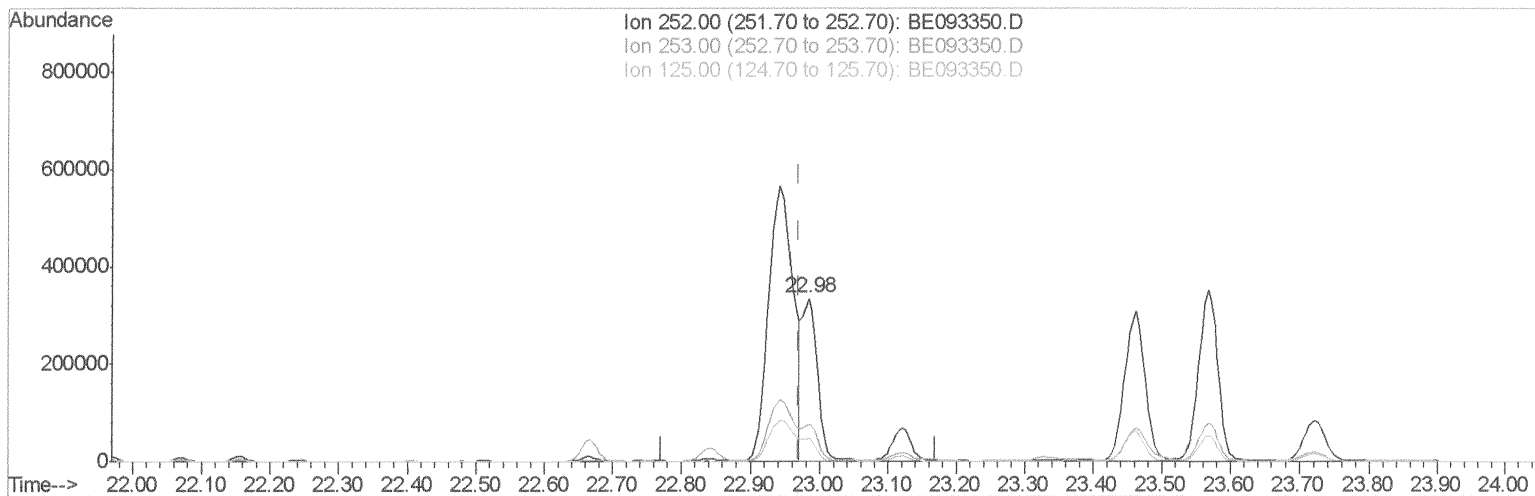
Quant Time: Jun 24 05:05:09 2017

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Jun 24 04:29:07 2017

Response via : Initial Calibration



TIC: BE093350.D

(22) Benzo(k)fluoranthene

22.984min (+0.013) 13.20ng/ul m

response 510165

Ion Exp% Act%

252.00 100 100

253.00 30.60 23.32#

125.00 17.10 14.26

0.00 0.00 0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062317\

Quantitation Report (Qedit)

Data File : BE093350.D

Acq On : 23 Jun 2017 23:15

Operator : SJ/JU

Sample : I3627-10

Misc :

ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jun 24 05:05:09 2017

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Jun 24 04:29:07 2017

Response via : Initial Calibration

Instrument :

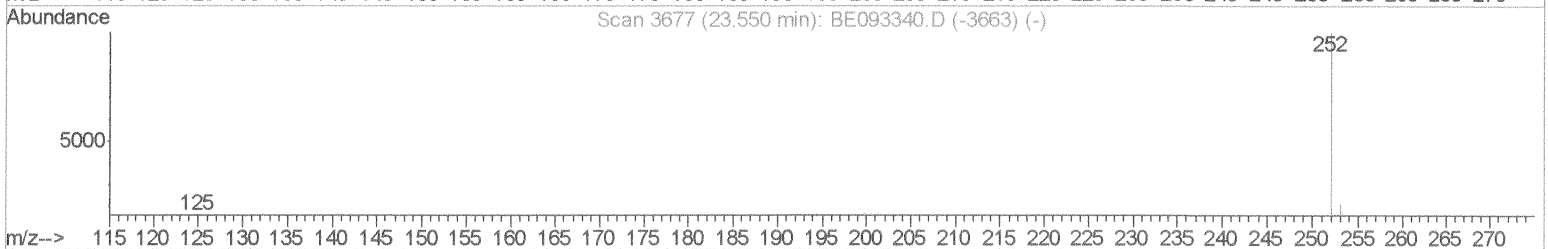
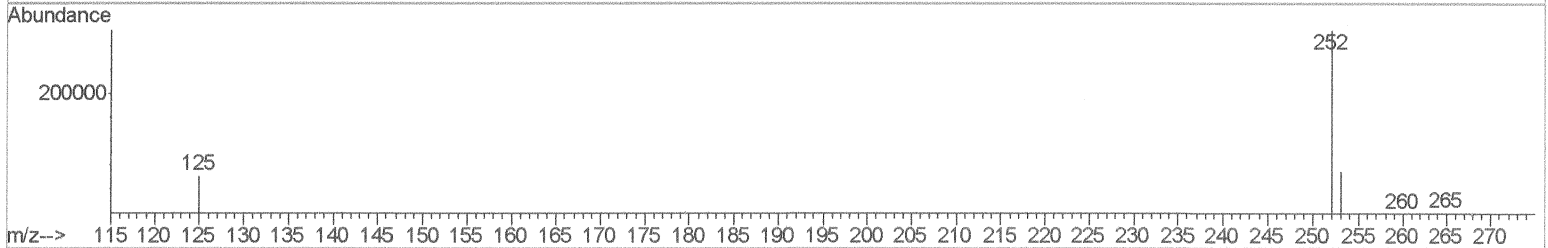
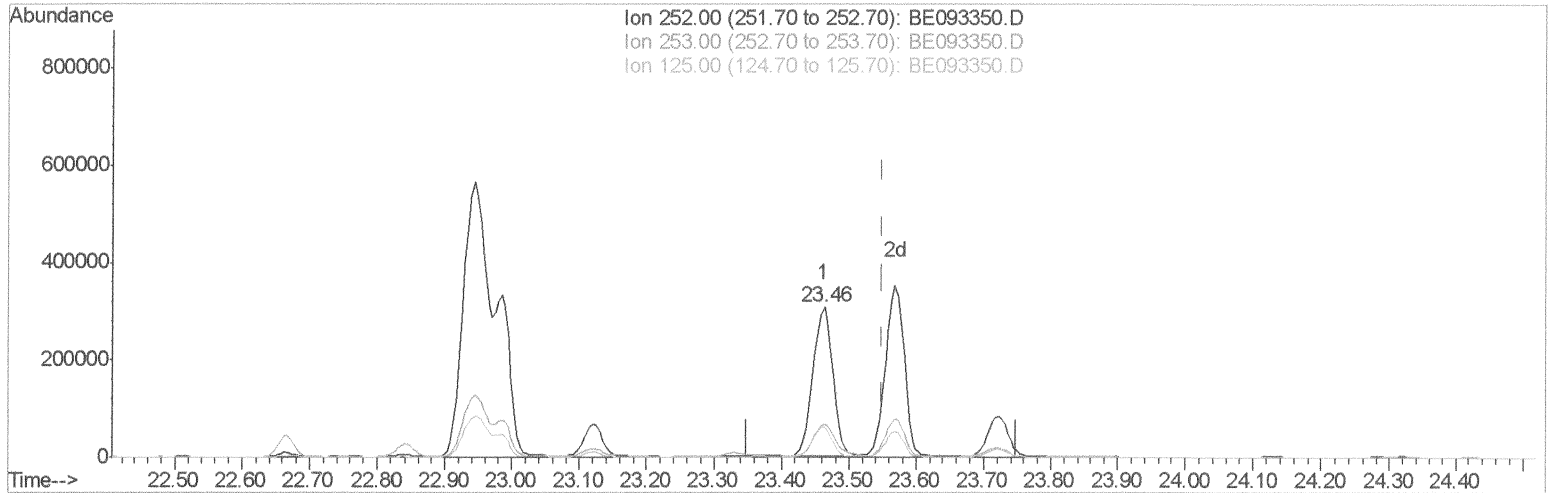
BNA_E

ClientSampleId :

F5A93

Manual Integrations
APPROVED

mohammad
6/29/2017 8:33:34 AM



TIC: BE093350.D

(23) Benzo(a)pyrene (C)

23.463min (-0.087) 18.54ng/ul

response 637759

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	22.57#
125.00	22.60	20.06
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062317\

Quantitation Report (Qedit)

Data File : BE093350.D

Acq On : 23 Jun 2017 23:15

Operator : SJ/JU

Sample : I3627-10

Misc :

ALS Vial : 17 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5A93

Manual Integrations
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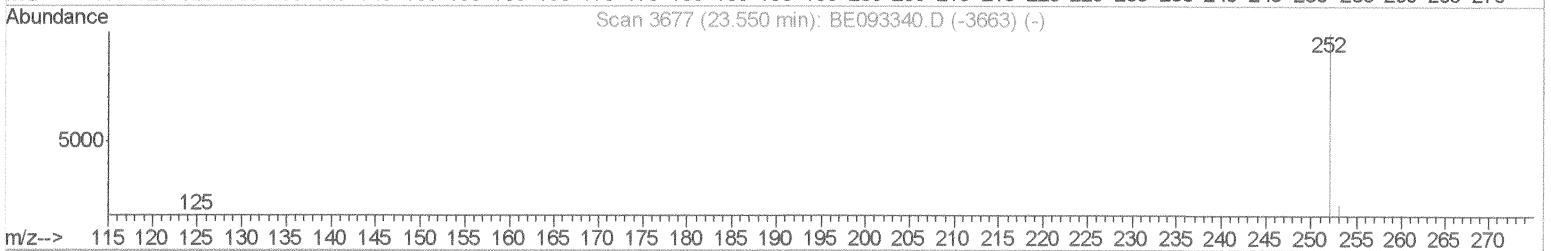
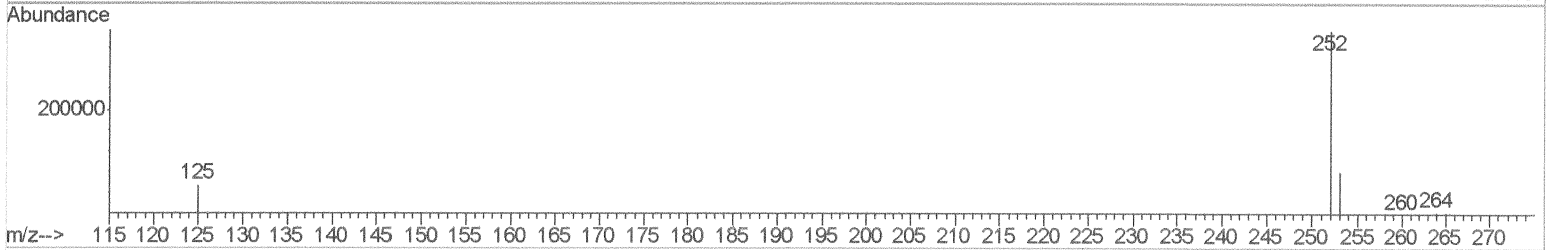
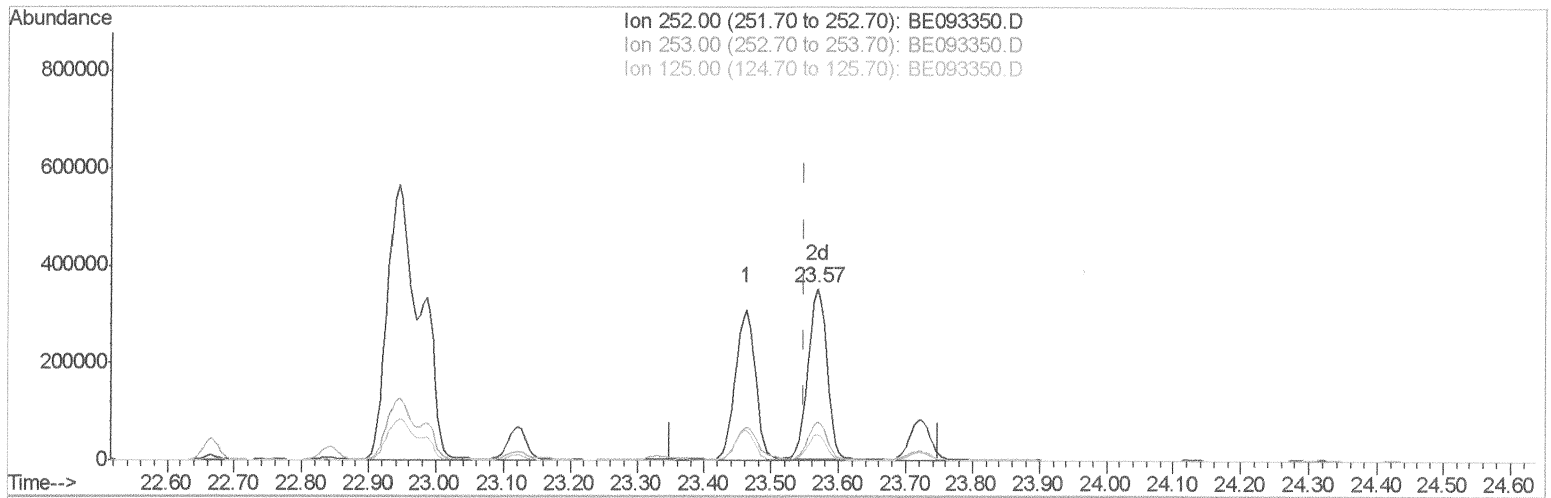
Quant Time: Jun 24 05:05:09 2017

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Jun 24 04:29:07 2017

Response via : Initial Calibration



TIC: BE093350.D

(23) Benzo(a)pyrene (C)

23.567min (+0.018) 19.98ng/ul m

SJ 6/29/17

response 687578

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	22.84#
125.00	22.60	15.56#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062317\

Quantitation Report (Qedit)

Data File : BE093350.D

Acq On : 23 Jun 2017 23:15

Operator : SJ/JU

Sample : I3627-10

Misc :

ALS Vial : 17 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampled :

F5A93

Manual Integrations
APPROVED

mohammad
6/29/2017 8:33:34 AM

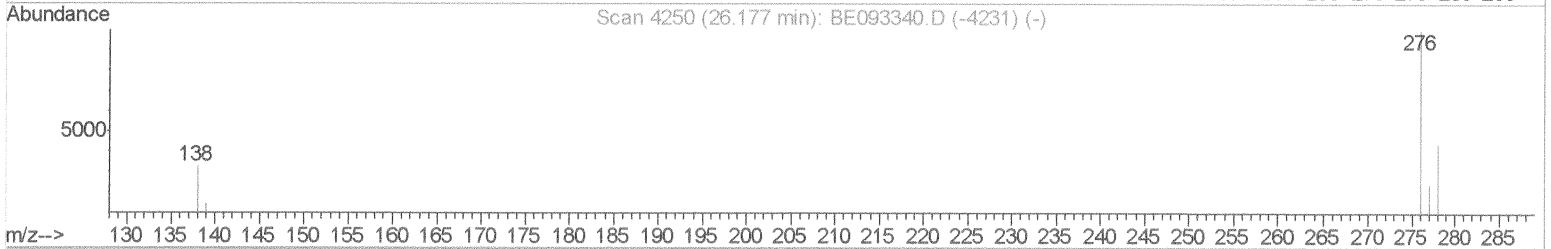
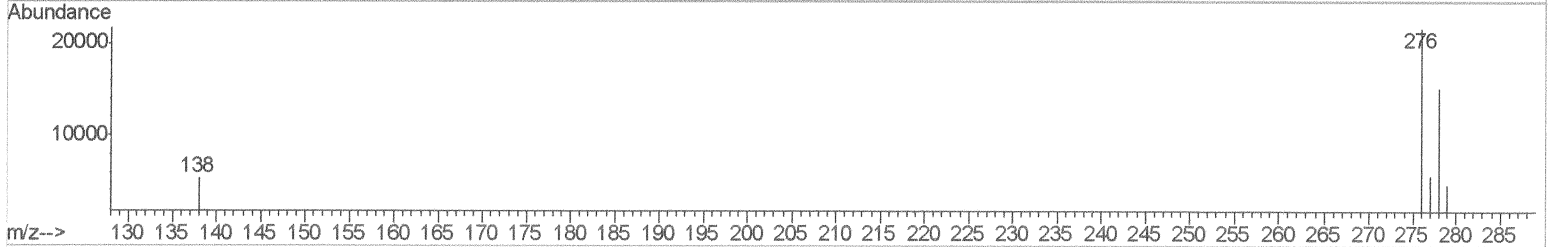
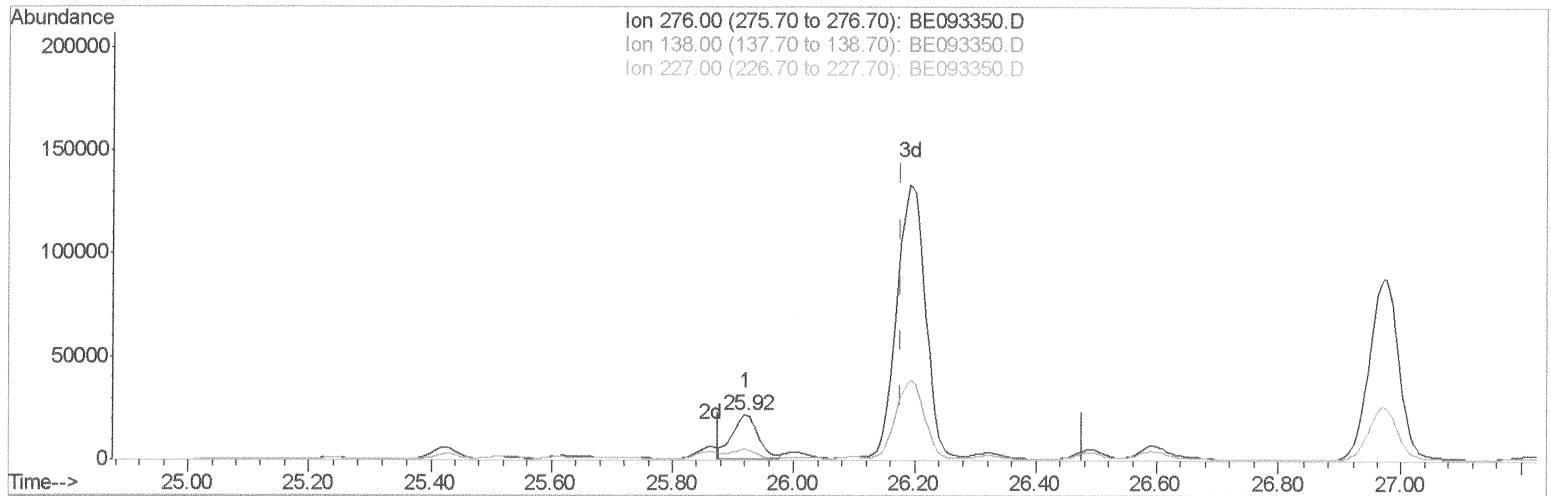
Quant Time: Jun 24 05:05:09 2017

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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Response via : Initial Calibration



TIC: BE093350.D

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

25.922min (-0.255) 1.61ng/ul

response 64306

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	20.60#
227.00	10.00	0.00#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062317\

Quantitation Report (Qedit)

Data File : BE093350.D

Acq On : 23 Jun 2017 23:15

Operator : SJ/JU

Sample : I3627-10

Misc :

ALS Vial : 17 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5A93

Manual Integrations
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6/29/2017 8:33:34 AM

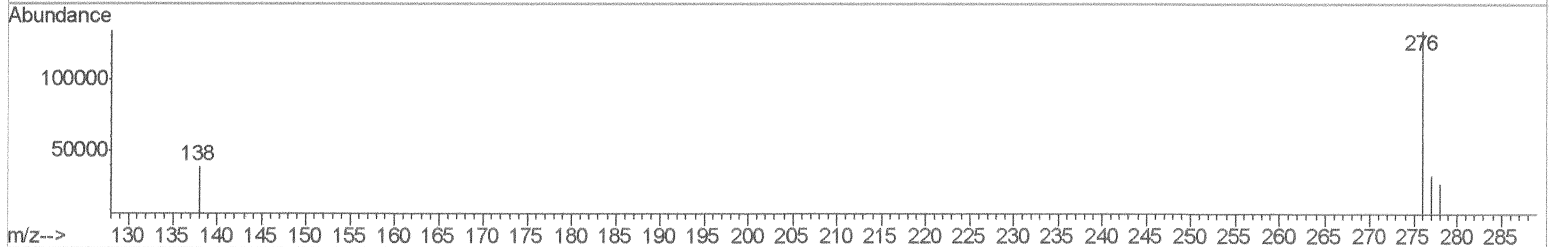
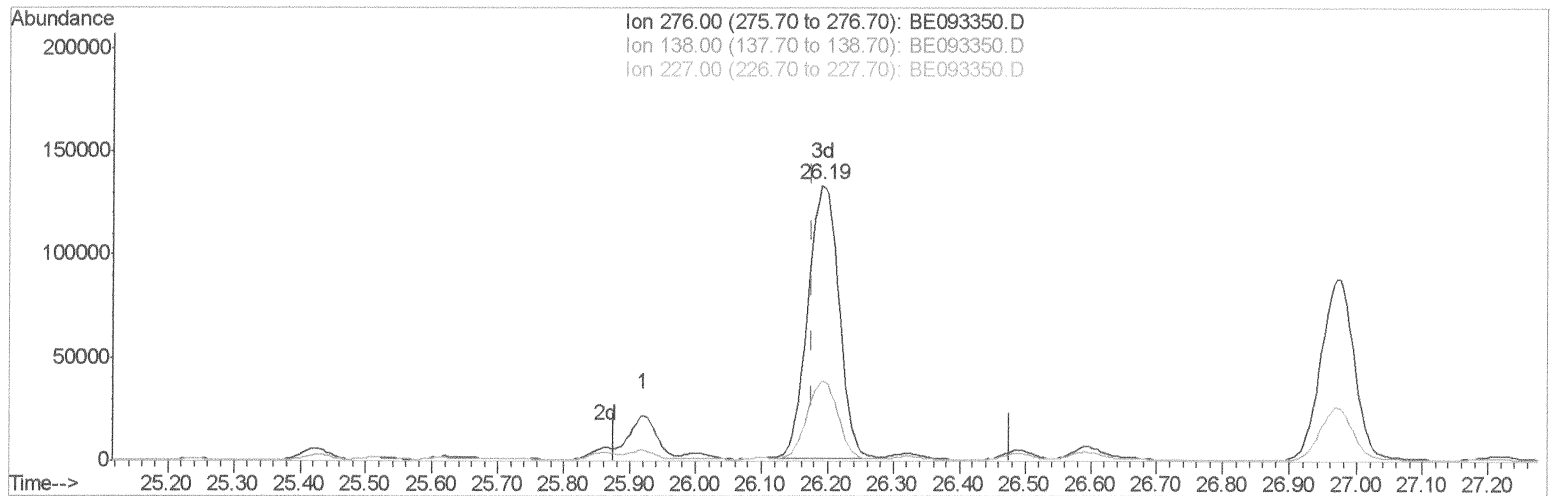
Quant Time: Jun 24 05:05:09 2017

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Jun 24 04:29:07 2017

Response via : Initial Calibration



TIC: BE093350.D

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

26.191min (+0.014) 10.89ng/ul m

response 433938

Ion Exp% Act%

276.00 100 100

138.00 35.00 3.05#

227.00 10.00 0.00#

0.00 0.00 0.00

SJ
6/29/17

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062317\

Quantitation Report (Qedit)

Data File : BE093350.D

Acq On : 23 Jun 2017 23:15

Operator : SJ/JU

Sample : I3627-10

Misc :

ALS Vial : 17 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5A93

Manual Integrations
APPROVED

mohammad
6/29/2017 8:33:34 AM

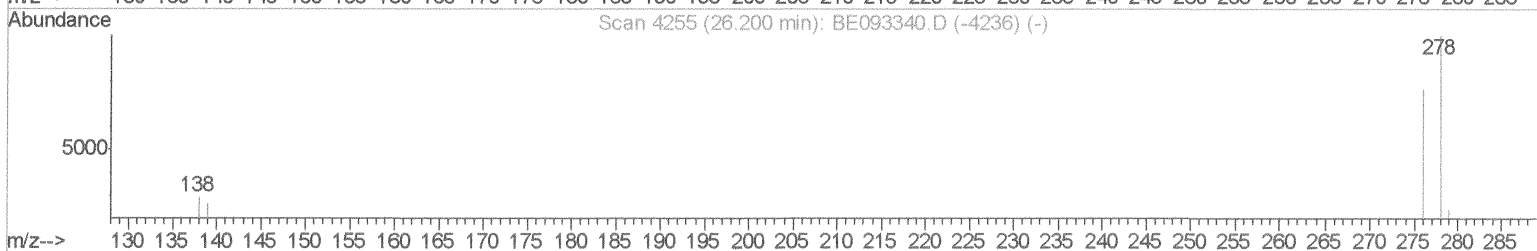
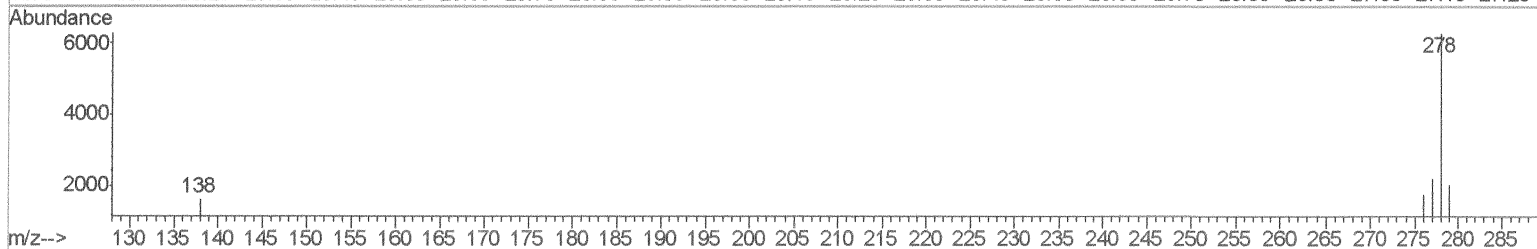
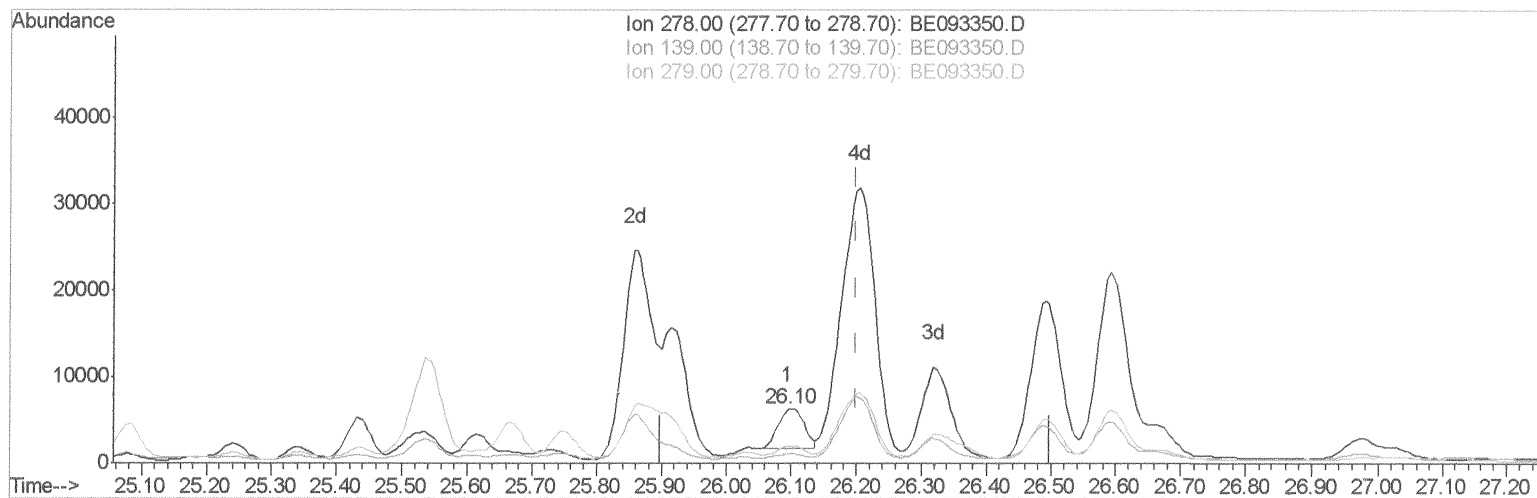
Quant Time: Jun 24 05:05:09 2017

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Jun 24 04:29:07 2017

Response via : Initial Calibration



TIC: BE093350.D

(25) Dibenzo(a,h)anthracene

26.095min (-0.104) 0.38ng/ul

response 12882

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	18.34
279.00	32.40	32.48
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062317\

Quantitation Report (Qedit)

Data File : BE093350.D

Acq On : 23 Jun 2017 23:15

Operator : SJ/JU

Sample : I3627-10

Misc :

ALS Vial : 17 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5A93

Manual Integrations
APPROVED

mohammad
6/29/2017 8:33:34 AM

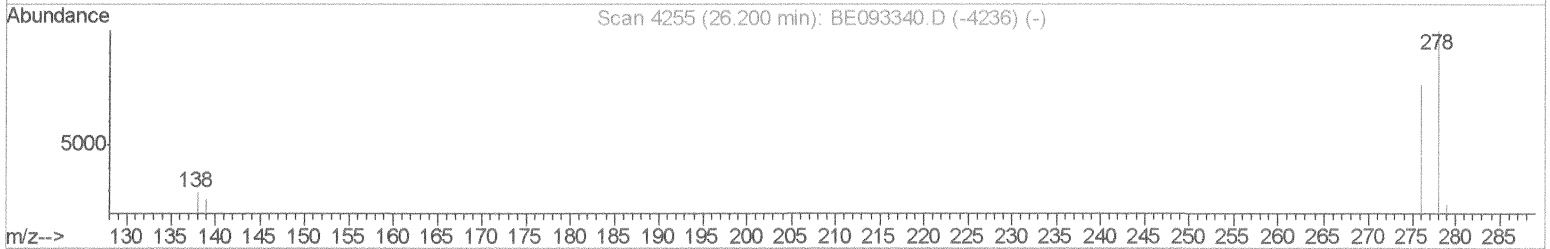
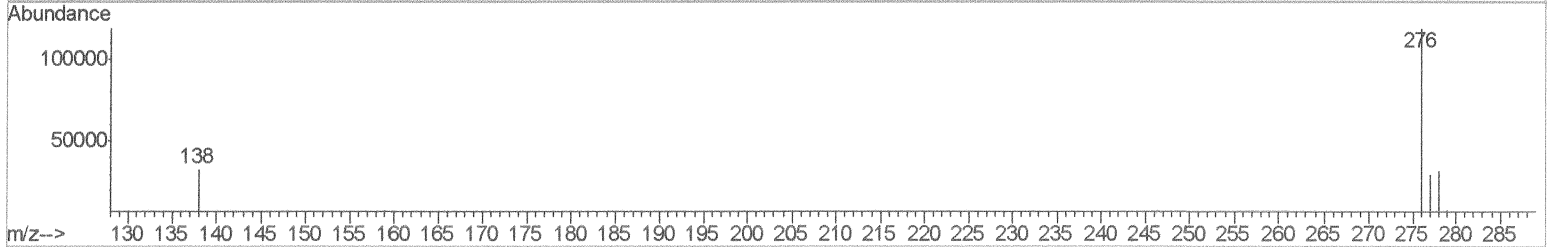
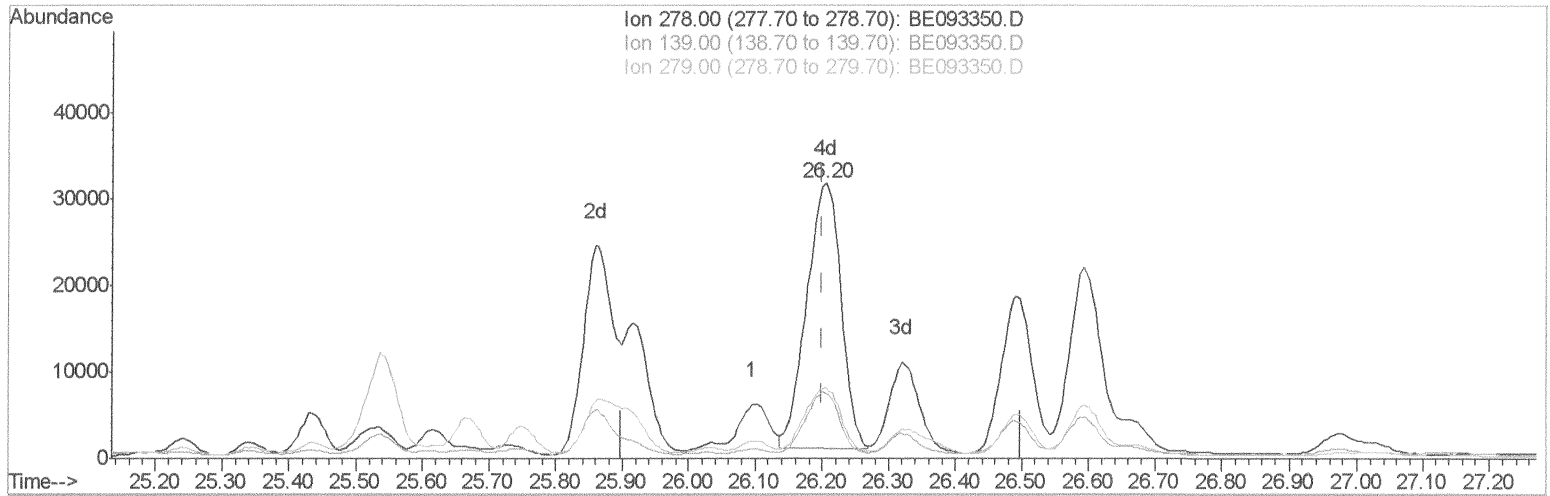
Quant Time: Jun 24 05:05:09 2017

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

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TIC: BE093350.D

(25) Dibenzo(a,h)anthracene

26.205min (+0.005) 3.25ng/ul m

response 109153

Ion Exp% Act%

278.00 100 100

139.00 21.70 23.76

279.00 32.40 25.73#

0.00 0.00 0.00

SJ
6/29/17

Data File : BE093350.D

Acq On : 23 Jun 2017 23:15

Operator : SJ/JU

Sample : I3627-10

Misc :

ALS Vial : 17 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

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Manual Integrations
APPROVEDmohammad
6/29/2017 8:33:34 AM

Quant Time: Jun 24 05:06:13 2017

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Jun 24 04:29:07 2017

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	1614	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	8644	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	5619	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	12901	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	13029	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	11990m>	0.40	ng/ul	0.00

SD 6/29/17

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.10	152	3236	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	8488	0.24	ng/ul	0.00

Target Compounds

					Qvalue	
3) Naphthalene	10.56	128	22494	1.05	ng/ul#	91
5) 2-Methylnaphthalene	12.18	142	8645	0.59	ng/ul	99
7) Acenaphthylene	14.09	152	72347	3.00	ng/ul	94
8) Acenaphthene	14.42	153	4122	0.21	ng/ul	98
9) Fluorene	15.41	166	44140	1.94	ng/ul#	90
12) Phenanthrene	17.14	178	492916	13.89	ng/ul#	89
13) Anthracene	17.22	178	2268404	73.40	ng/ul#	85
15) Fluoranthene	19.16	202	3301424	75.84	ng/ul	84
17) Pyrene	19.52	202	2896799	75.39	ng/ul#	89
18) Benzo(a)anthracene	21.25	228	1082236	31.14	ng/ul#	85
19) Chrysene	21.30	228	1546405	42.89	ng/ul	98
21) Benzo(b)fluoranthene	22.94	252	1391558	38.24	ng/ul	87
22) Benzo(k)fluoranthene	22.98	252	510165m	13.20	ng/ul	
23) Benzo(a)pyrene	23.57	252	687578m	19.98	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.19	276	433938m	10.89	ng/ul	
25) Dibenzo(a,h)anthracene	26.20	278	109153m	3.25	ng/ul	
26) Benzo(g,h,i)perylene	26.97	276	303778	8.89	ng/ul	96

SD 6/29/17

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