

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

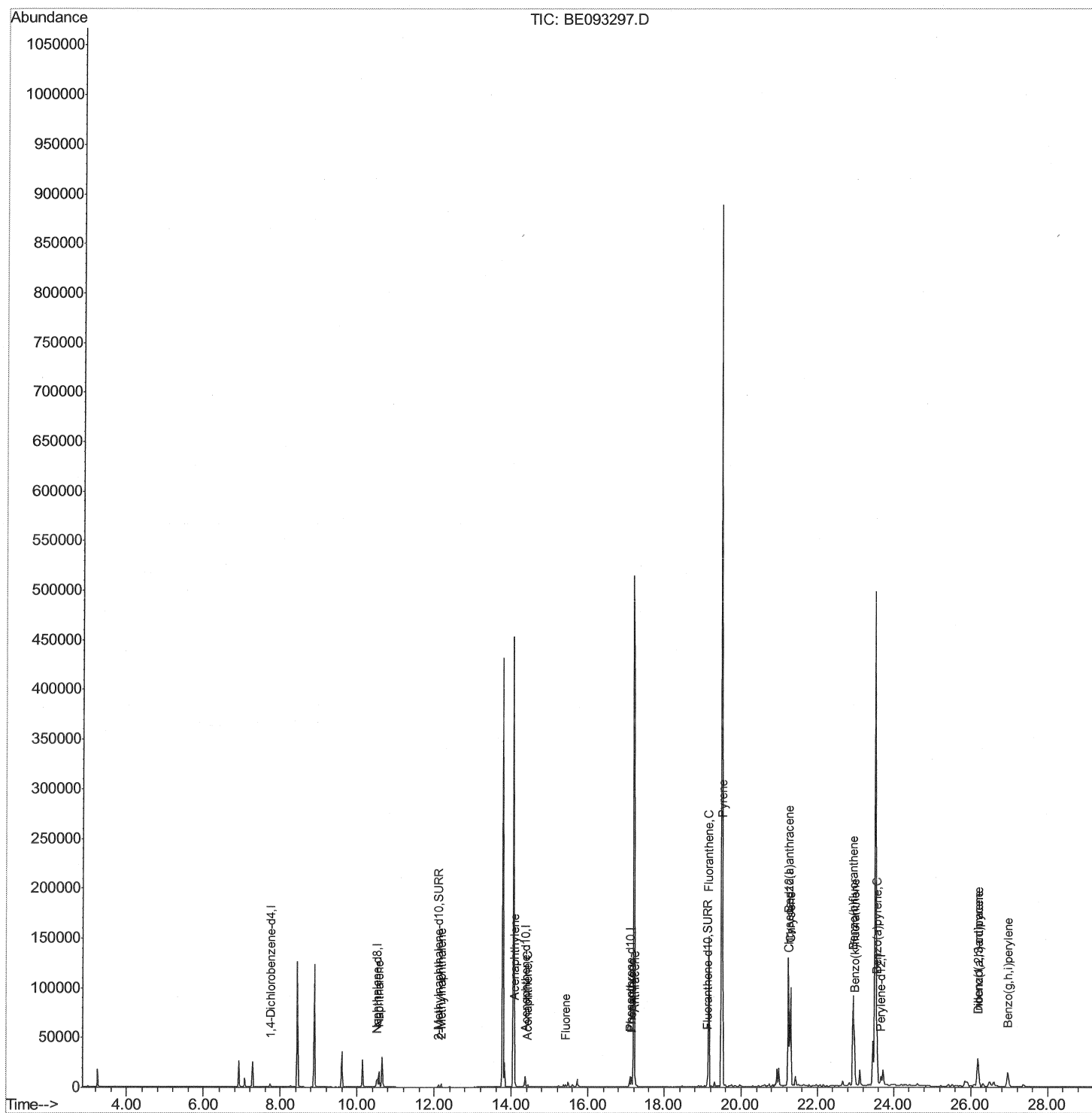
Data File : BE093297.D
Acq On : 21 Jun 2017 00:41
Operator : SJ/JU
Sample : I3627-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5E25

Manual Integrations
APPROVED

mohammad
6/21/2017 12:19:08 PM

Quant Time: Jun 21 04:07:21 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)

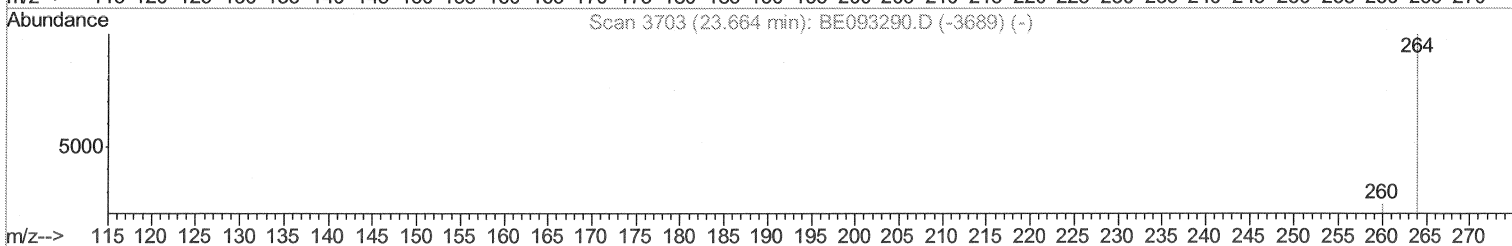
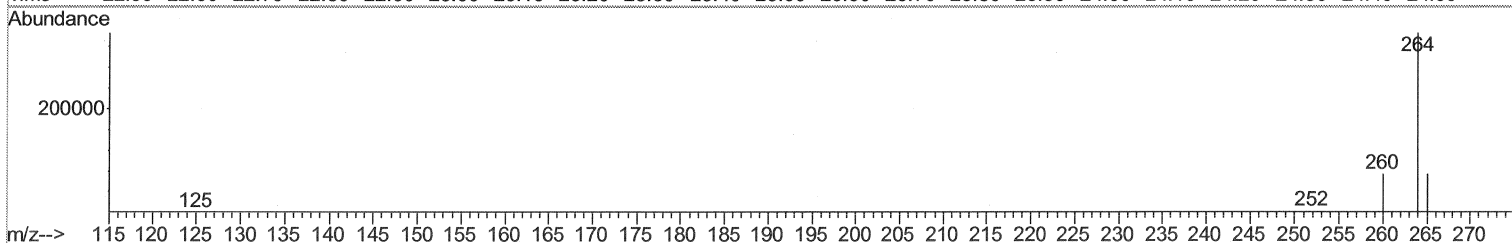
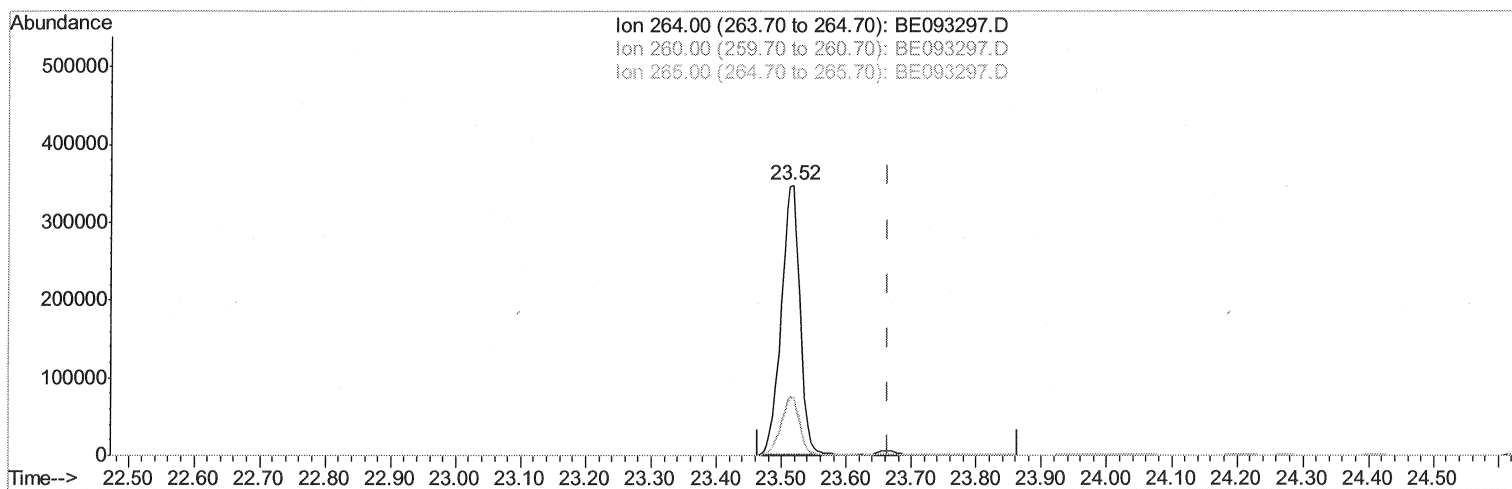
Data File : BE093297.D
Acq On : 21 Jun 2017 00:41
Operator : SJ/JU
Sample : I3627-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5E25

Manual Integrations
APPROVED

mohammad
6/21/2017 12:19:08 PM

Quant Time: Jun 21 03:24:55 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: BE093297.D

(20) Perylene-d12 (I)

23.518min (-0.146) 0.40ng/ul

response 693934

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.40#
265.00	103.50	21.36#
0.00	0.00	0.00

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

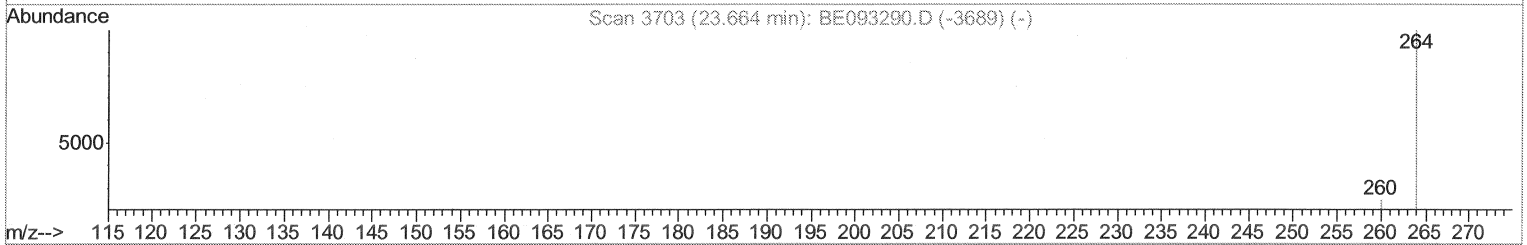
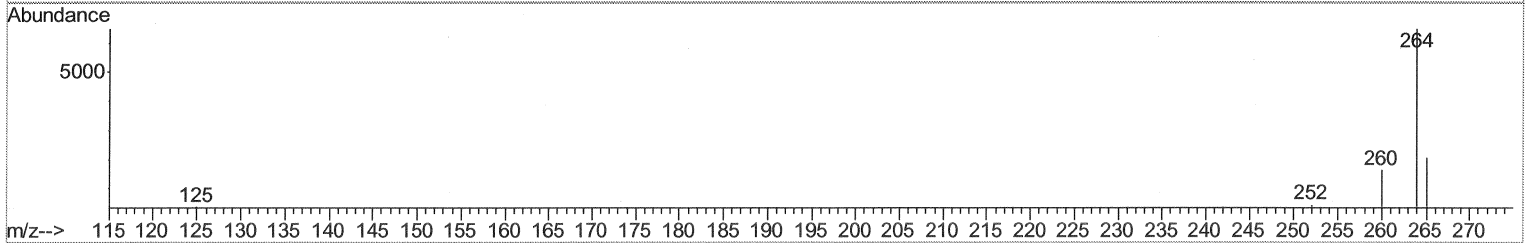
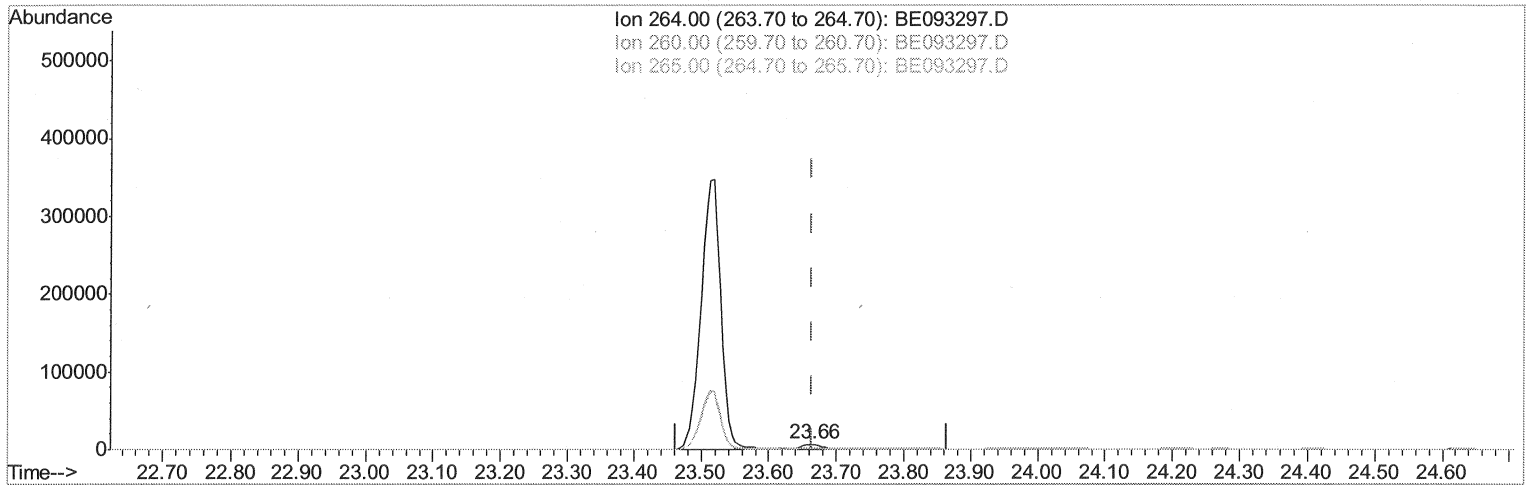
Data File : BE093297.D
Acq On : 21 Jun 2017 00:41
Operator : SJ/JU
Sample : I3627-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5E25

Manual Integrations
APPROVED

mohammad
6/21/2017 12:19:08 PM

Quant Time: Jun 21 03:24:55 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: BE093297.D

(20) Perylene-d12 (I)

23.664min (-0.000) 0.40ng/ul m

response 11555

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	25.21
265.00	103.50	32.09#
0.00	0.00	0.00

SJ 6/26/17

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

Quantitation Report (Qedit)

Data File : BE093297.D

Acq On : 21 Jun 2017 00:41

Operator : SJ/JU

Sample : I3627-14

Misc :

ALS Vial : 22 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5E25

Manual Integrations
APPROVED

mohammad
6/21/2017 12:19:08 PM

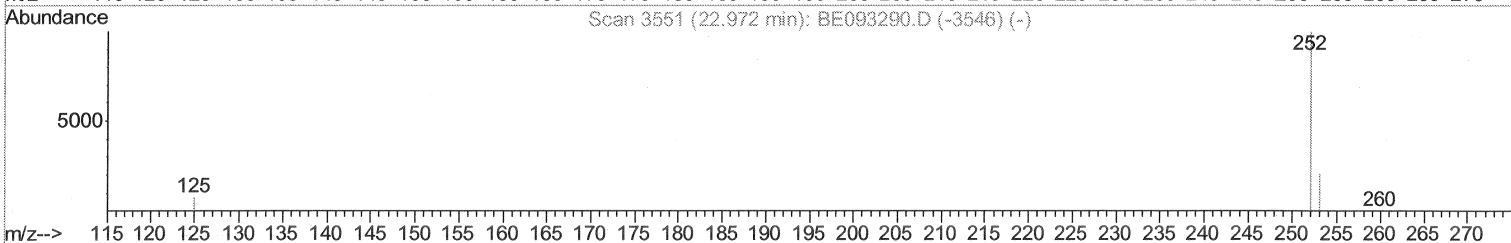
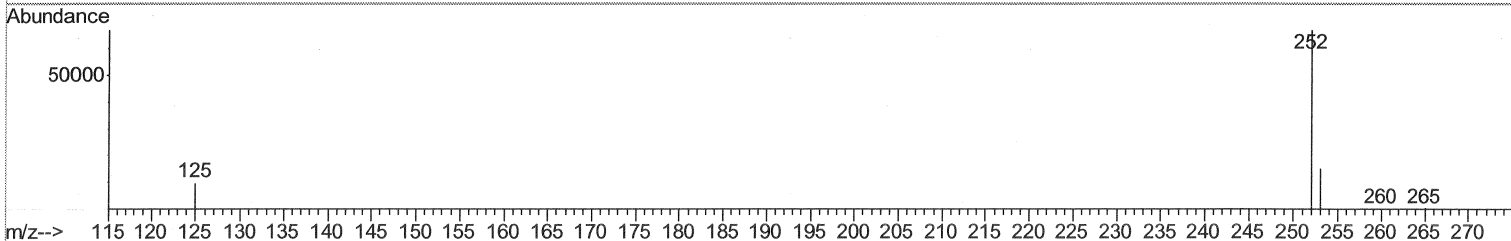
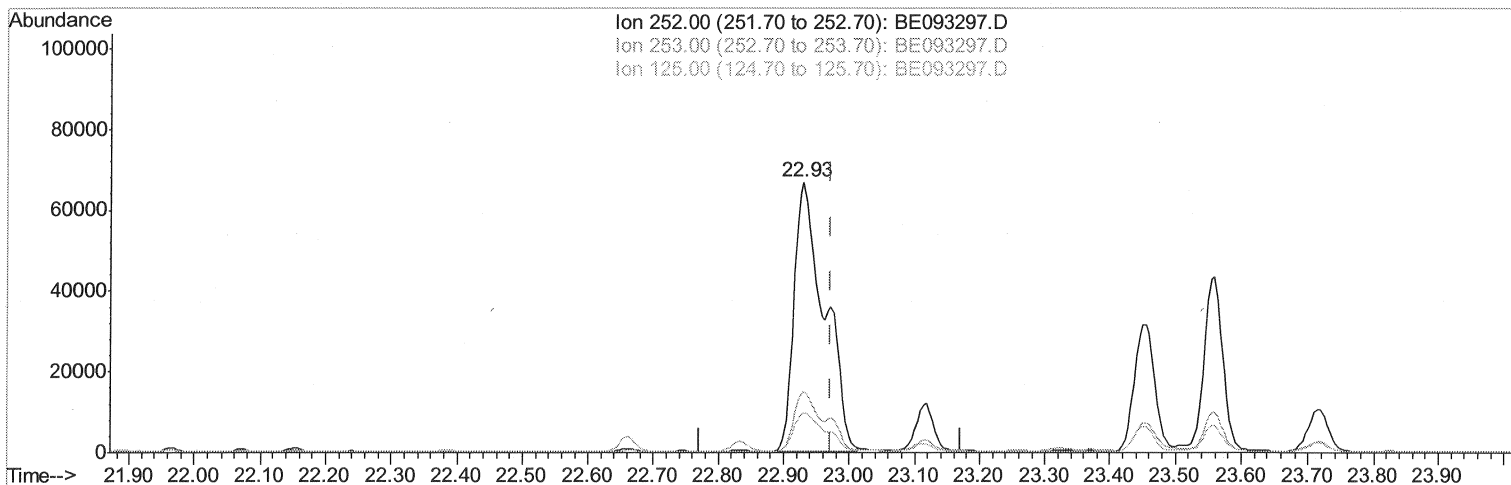
Quant Time: Jun 21 04:06:11 2017

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: BE093297.D

(22) Benzo(k)fluoranthene

22.931min (-0.041) 5.71ng/ul

response 212651

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	22.62#
125.00	17.10	14.71
0.00	0.00	0.00

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

Quantitation Report (Qedit)

Data File : BE093297.D

Acq On : 21 Jun 2017 00:41

Operator : SJ/JU

Sample : I3627-14

Misc :

ALS Vial : 22 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5E25

Manual Integrations
APPROVED

mohammad
6/21/2017 12:19:08 PM

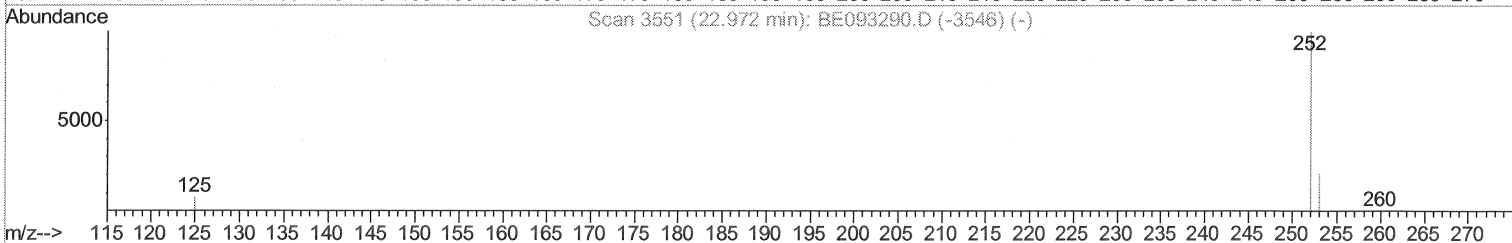
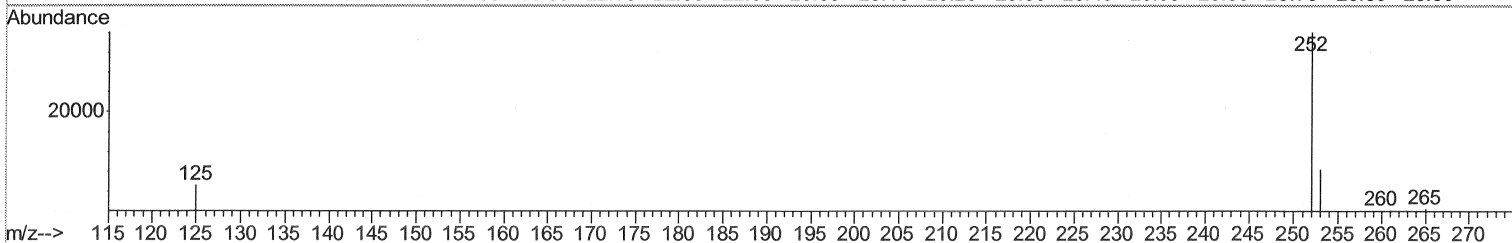
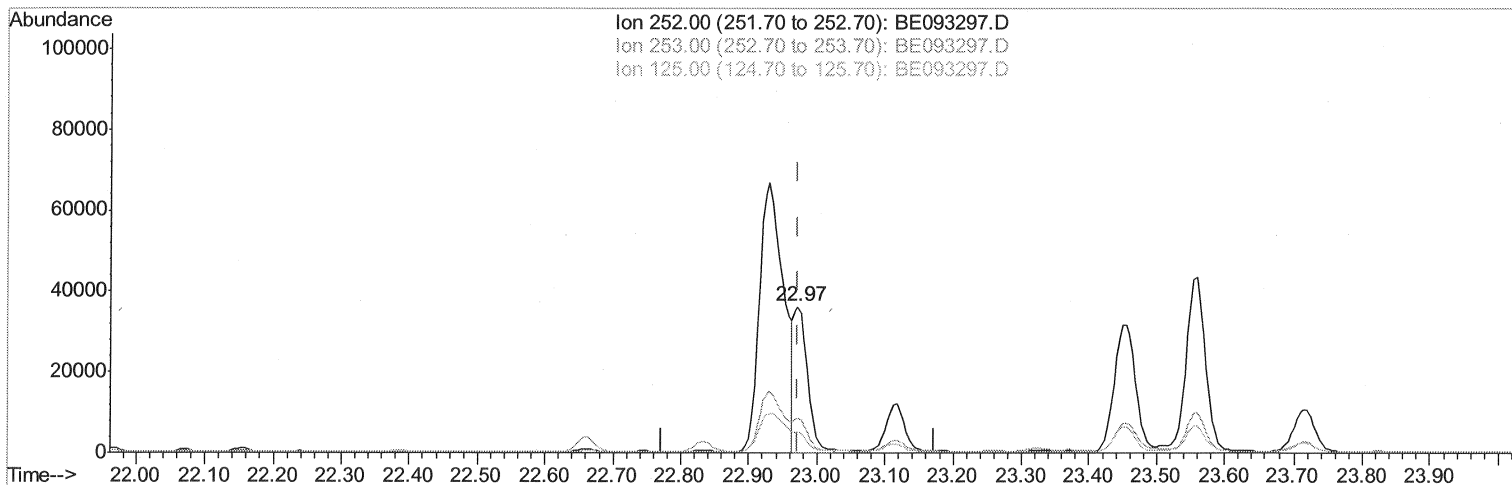
Quant Time: Jun 21 04:06:11 2017

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: BE093297.D

(22) Benzo(k)fluoranthene

22.972min (-0.000) 1.36ng/ul m

SJ 6/26/17

response 50666

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.49#
125.00	17.10	14.34
0.00	0.00	0.00

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

Quantitation Report (Qedit)

Data File : BE093297.D

Acq On : 21 Jun 2017 00:41

Operator : SJ/JU

Sample : I3627-14

Misc :

ALS Vial : 22 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5E25

Manual Integrations
APPROVED

mohammad
6/21/2017 12:19:08 PM

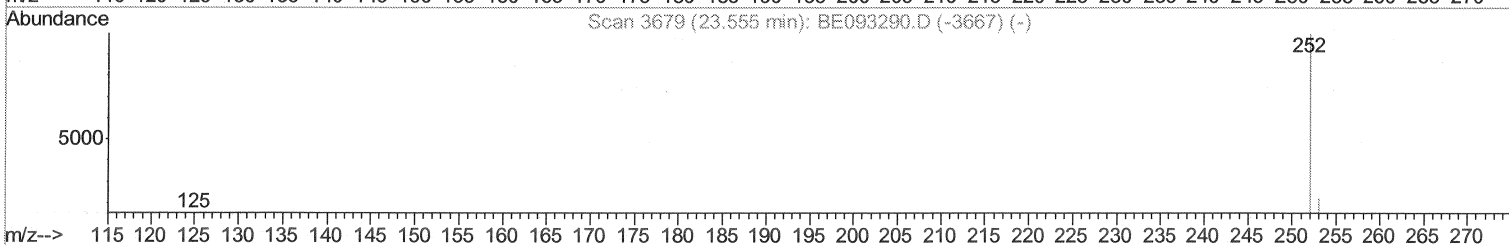
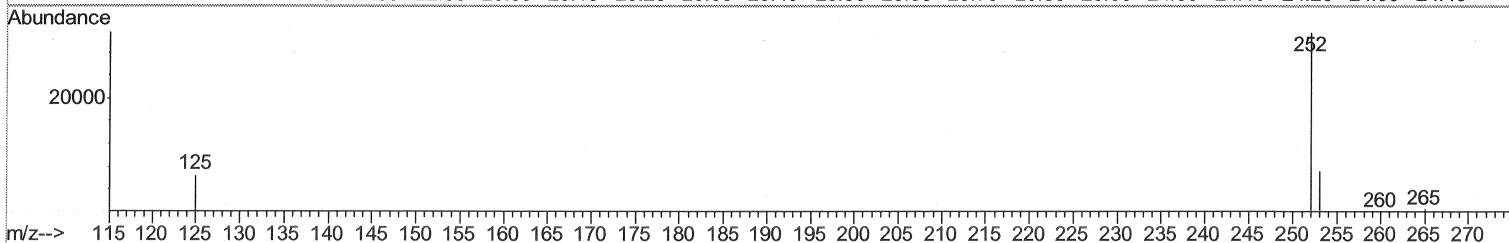
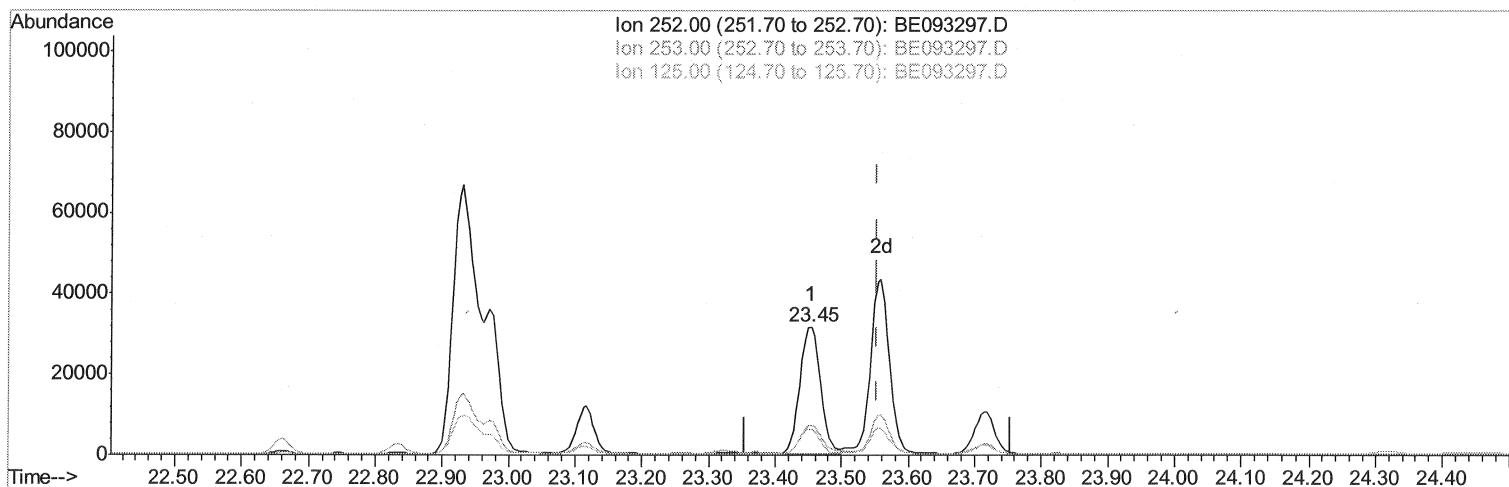
Quant Time: Jun 21 04:06:11 2017

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: BE093297.D

(23) Benzo(a)pyrene (C)

23.454min (-0.100) 2.07ng/ul

response 68471

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	23.17#
125.00	22.60	20.33
0.00	0.00	0.00

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

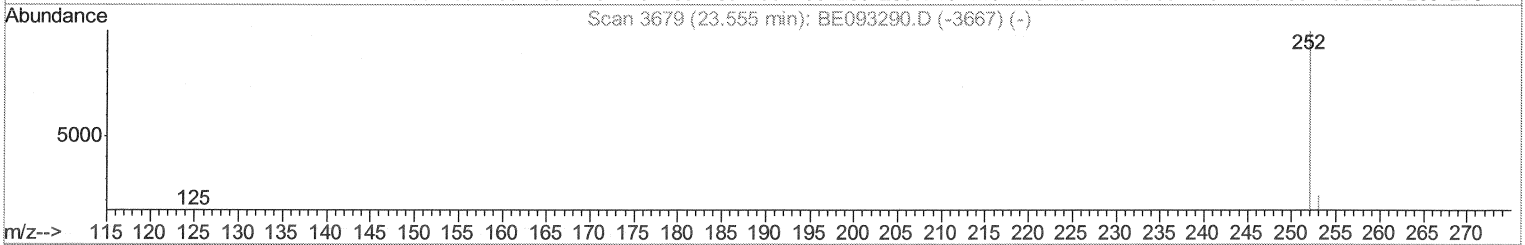
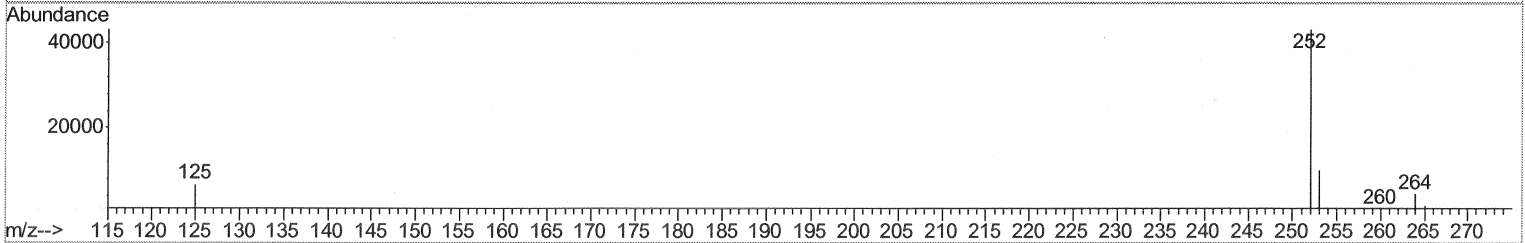
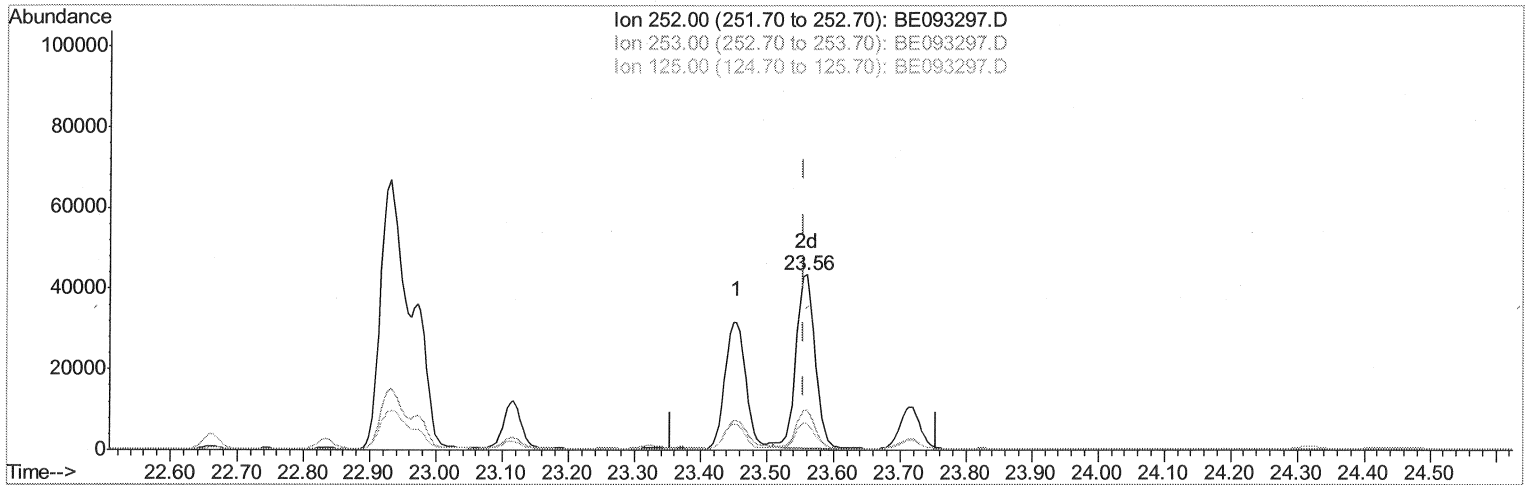
Data File : BE093297.D
Acq On : 21 Jun 2017 00:41
Operator : SJ/JU
Sample : I3627-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5E25

Manual Integrations
APPROVED

mohammad
6/21/2017 12:19:08 PM

Quant Time: Jun 21 04:06:11 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: BE093297.D

(23) Benzo(a)pyrene (C)

23.559min (+0.004) 2.54ng/ul m 52 6/26/17

response 84295

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	22.89#
125.00	22.60	15.14#
0.00	0.00	0.00

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

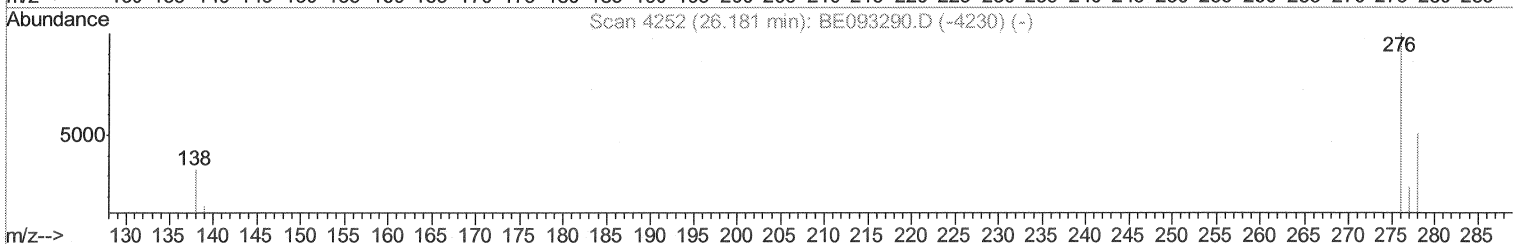
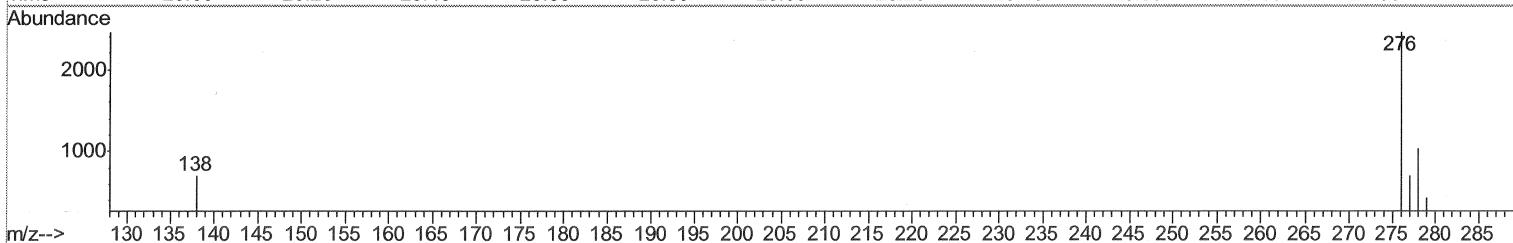
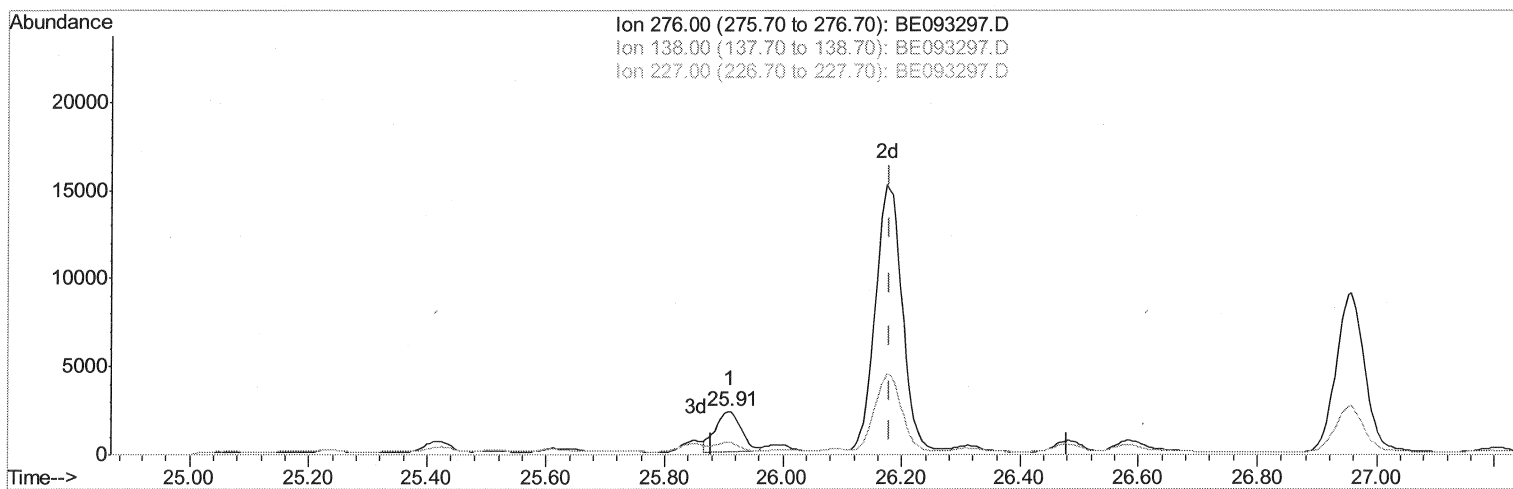
Data File : BE093297.D
Acq On : 21 Jun 2017 00:41
Operator : SJ/JU
Sample : I3627-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5E25

Manual Integrations
APPROVED

mohammad
6/21/2017 12:19:08 PM

Quant Time: Jun 21 04:06:11 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: BE093297.D

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

25.911min (-0.269) 0.19ng/ul

response 7123

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	19.81#
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 : BE093297.D

Acq On : 21 Jun 2017 00:41

Operator : SJ/JU

Sample : I3627-14

Misc :

ALS Vial : 22 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5E25

Manual Integrations
APPROVED

mohammad
6/21/2017 12:19:08 PM

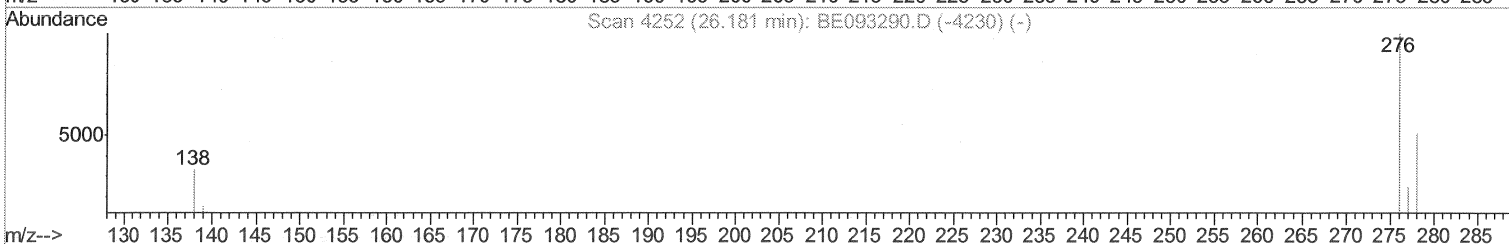
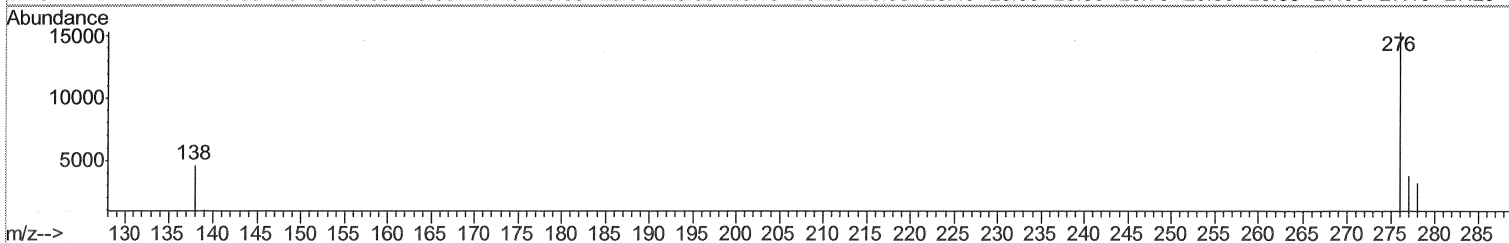
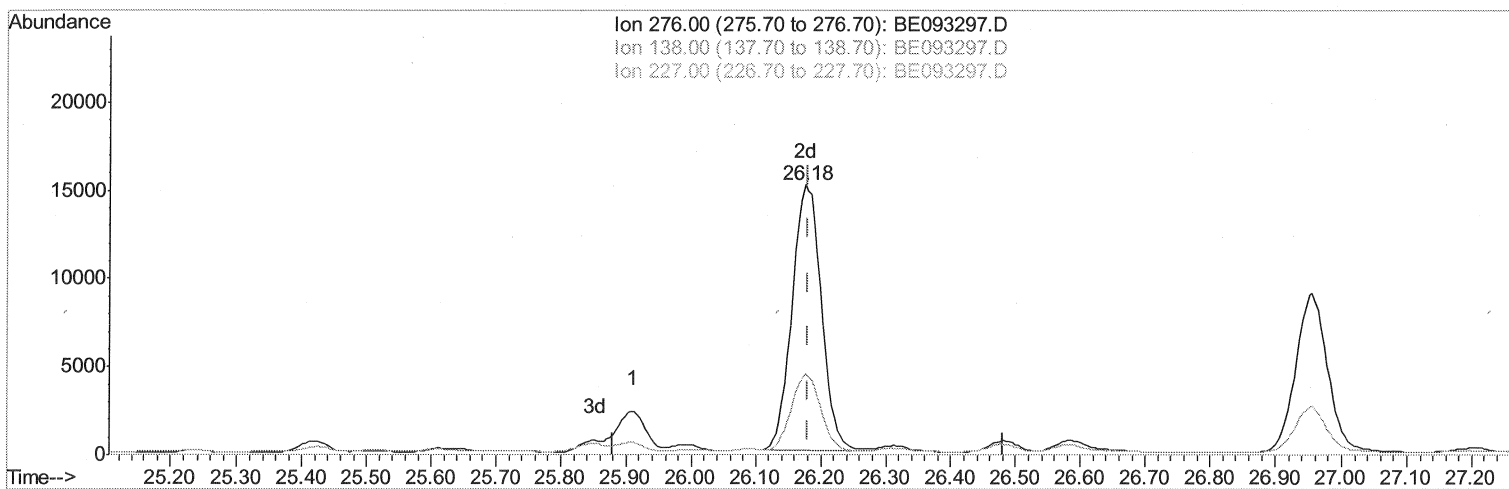
Quant Time: Jun 21 04:06:11 2017

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: BE093297.D

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

26.176min (-0.005) 1.22ng/ul m

57 6/26/17

response 46982

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	3.00#
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 : BE093297.D

Acq On : 21 Jun 2017 00:41

Operator : SJ/JU

Sample : I3627-14

Misc :

ALS Vial : 22 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5E25

Manual Integrations
APPROVED

mohammad
6/21/2017 12:19:08 PM

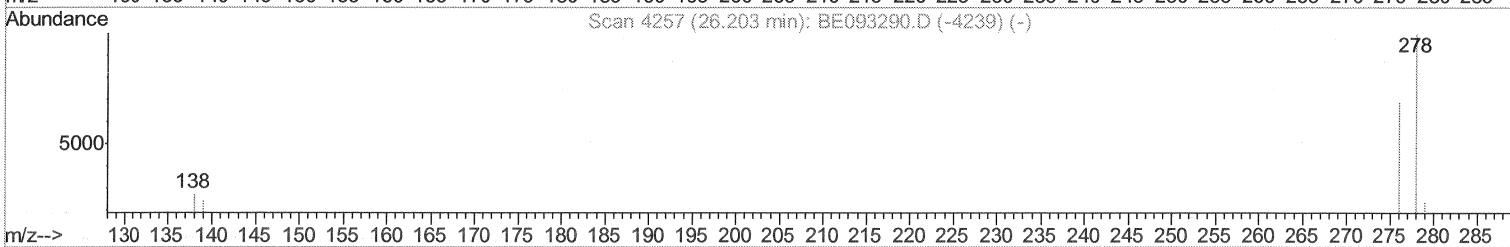
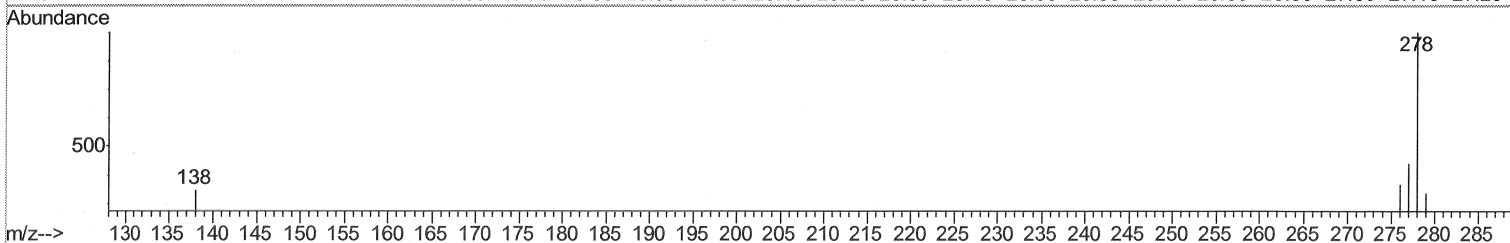
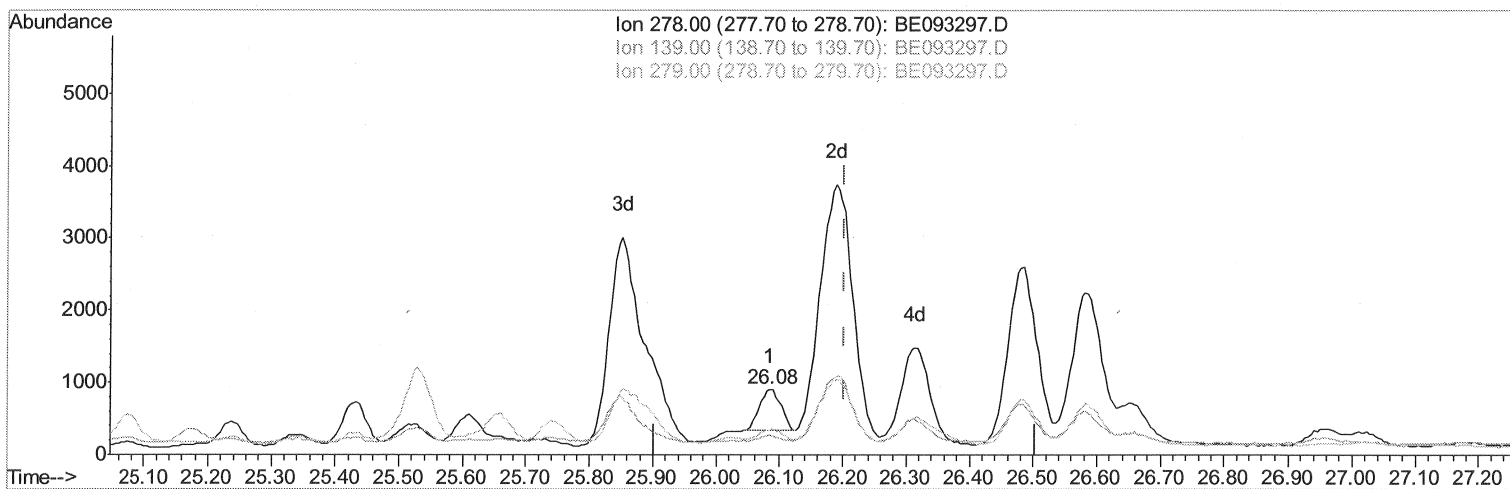
Quant Time: Jun 21 04:06:11 2017

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: BE093297.D

(25) Dibenzo(a,h)anthracene

26.084min (-0.119) 0.04ng/ul

response 1356

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	30.23#
279.00	32.40	37.54
0.00	0.00	0.00

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

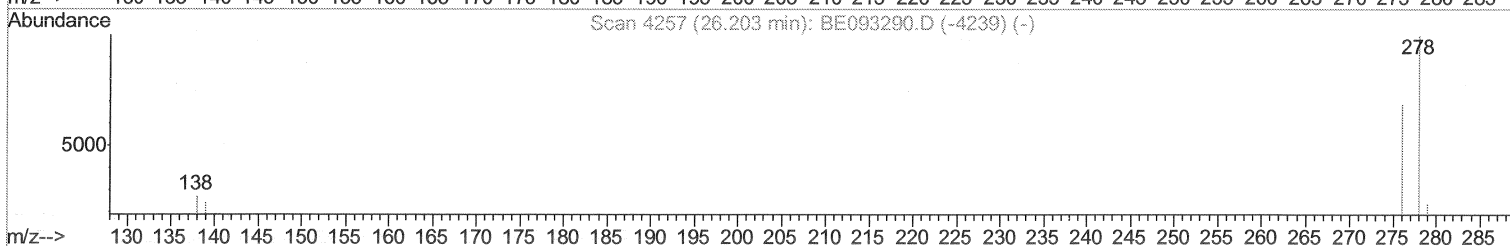
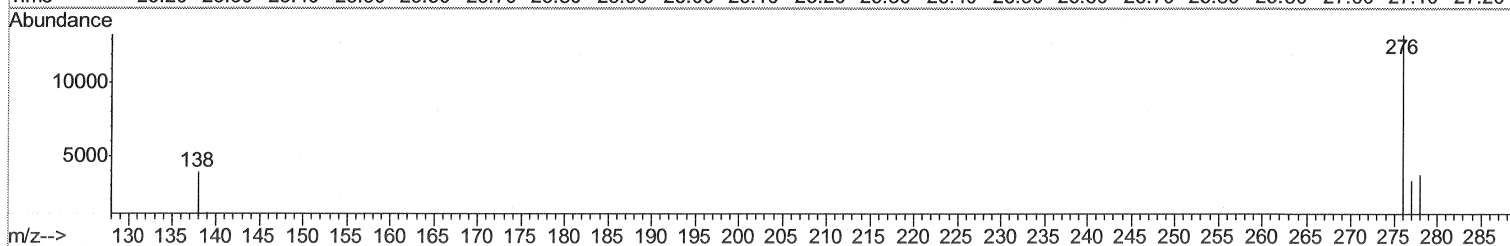
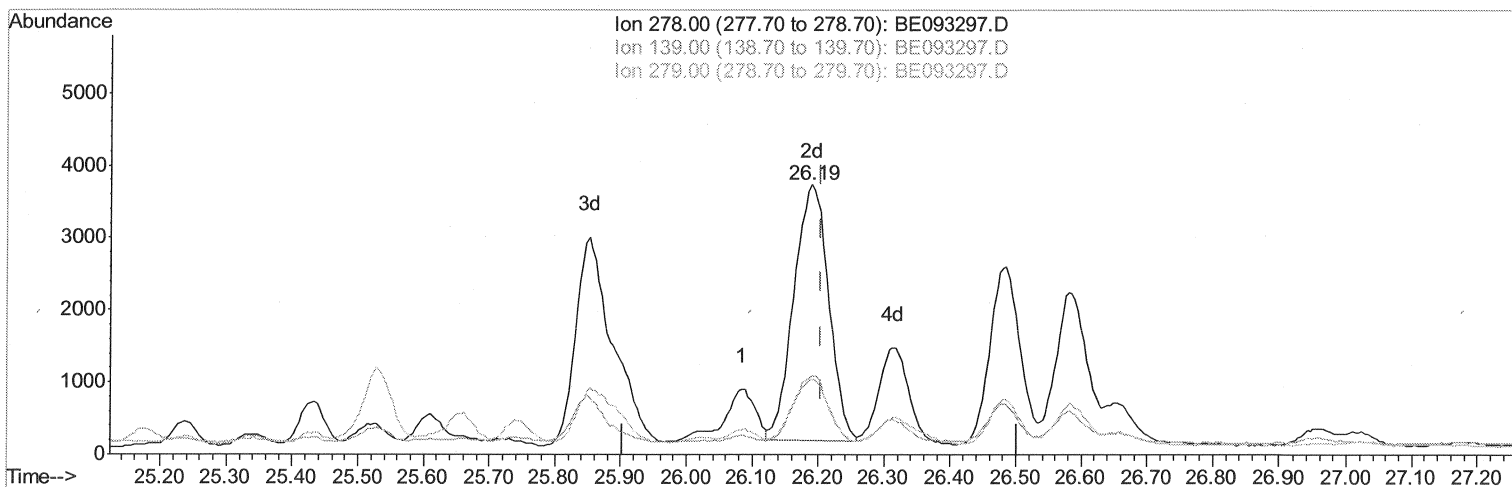
Data File : BE093297.D
Acq On : 21 Jun 2017 00:41
Operator : SJ/JU
Sample : I3627-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5E25

Manual Integrations
APPROVED

mohammad
6/21/2017 12:19:08 PM

Quant Time: Jun 21 04:06:11 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: BE093297.D

(25) Dibenzo(a,h)anthracene

26.189min (-0.014) 0.40ng/ul m

SJ 6/26/17

response 12862

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	29.27#
279.00	32.40	27.53
0.00	0.00	0.00

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

Data File : BE093297.D
Acq On : 21 Jun 2017 00:41
Operator : SJ/JU
Sample : I3627-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5E25

Manual Integrations
APPROVED

mohammad
6/21/2017 12:19:08 PM

Quant Time: Jun 21 04:07:21 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	7.73	152	1671	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	8669	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	5598	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	13317	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	13631	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	11555m	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	3347	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	9923	0.27	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.56	128	22475	1.04	ng/ul#	91
5) 2-Methylnaphthalene	12.18	142	2608	0.18	ng/ul	97
7) Acenaphthylene	14.09	152	15162	0.63	ng/ul	96
8) Acenaphthene	14.42	153	1315	0.07	ng/ul	99
9) Fluorene	15.42	166	1596	0.07	ng/ul	98
12) Phenanthrene	17.13	178	10351	0.28	ng/ul#	89
13) Anthracene	17.22	178	22667	0.71	ng/ul#	88
15) Fluoranthene	19.15	202	157922	3.51	ng/ul	84
17) Pyrene	19.51	202	202381	5.03	ng/ul#	88
18) Benzo(a)anthracene	21.24	228	110900	3.05	ng/ul#	85
19) Chrysene	21.29	228	109055	2.89	ng/ul	99
21) Benzo(b)fluoranthene	22.93	252	163480	4.66	ng/ul	87
22) Benzo(k)fluoranthene	22.97	252	50666m	1.36	ng/ul	
23) Benzo(a)pyrene	23.56	252	84295m	2.54	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.18	276	46982m	1.22	ng/ul	
25) Dibenzo(a,h)anthracene	26.19	278	12862m	0.40	ng/ul	
26) Benzo(g,h,i)perylene	26.95	276	30420	0.92	ng/ul	96

SJ 6/26/17

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