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

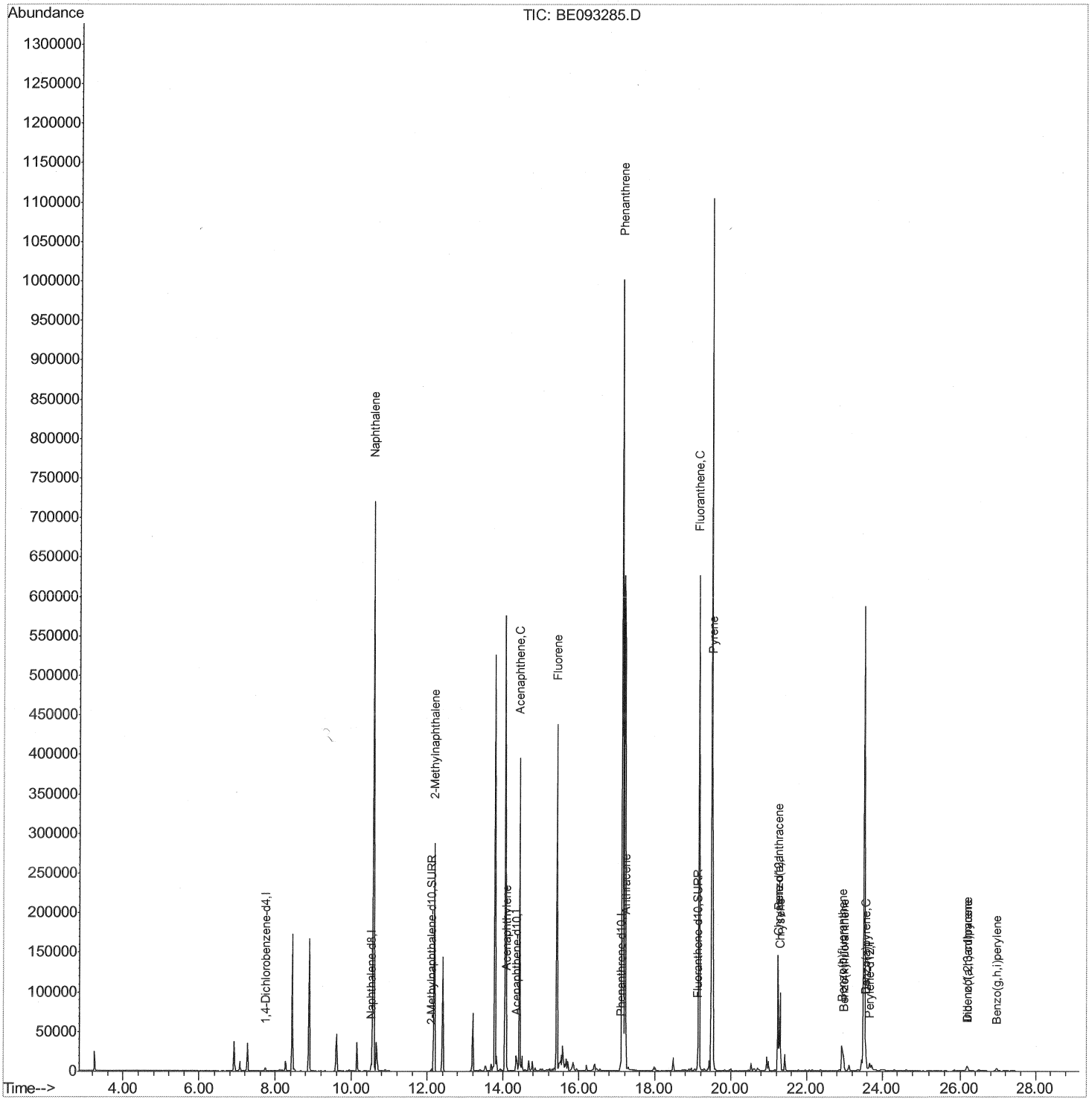
Quantitation Report (QT Reviewed)

Data File : BE093285.D
Acq On : 20 Jun 2017 17:20
Operator : SJ/JU
Sample : I3625-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 21 03:10:04 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 01:49:50 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5E17

Manual Integrations APPROVED
mohammad
6/21/2017 12:18:26 PM



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

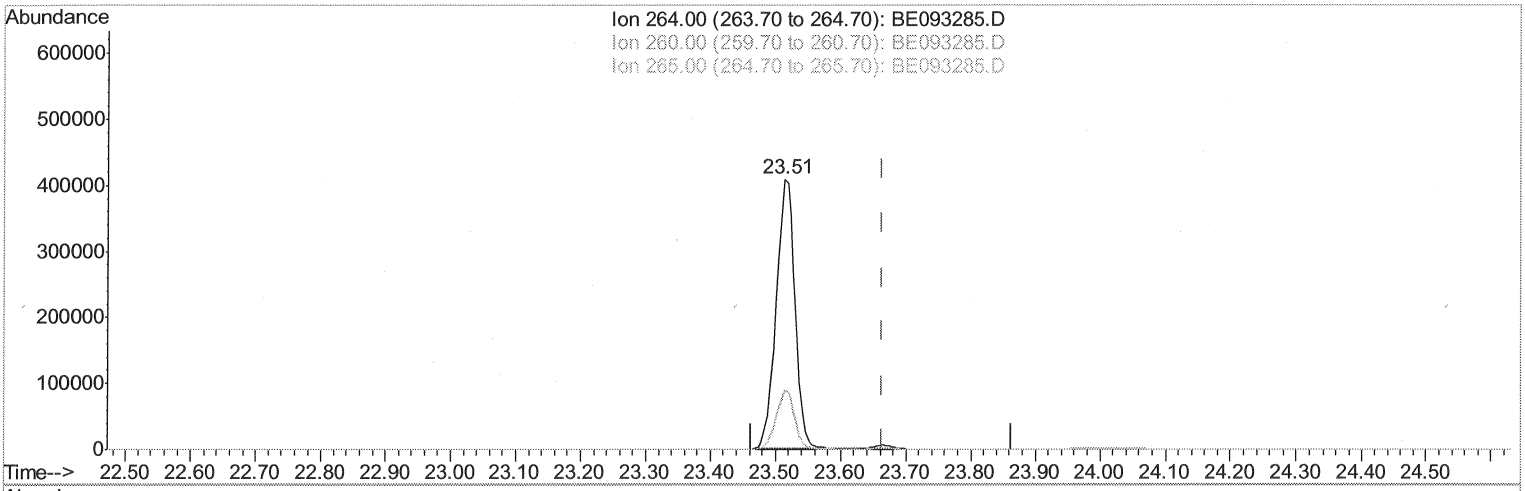
Quantitation Report (Qedit)

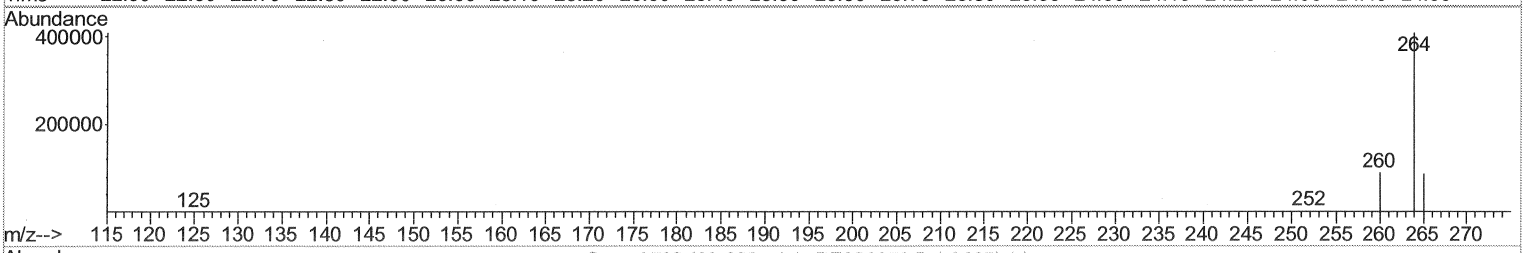
Data File : BE093285.D
Acq On : 20 Jun 2017 17:20
Operator : SJ/JU
Sample : I3625-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

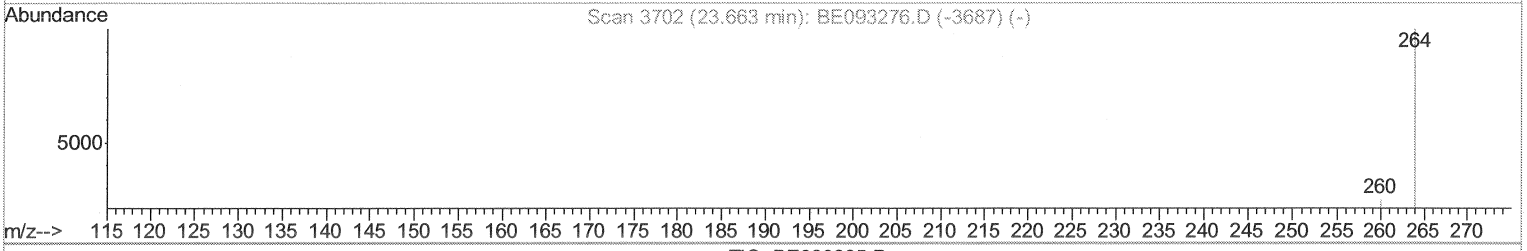
Quant Time: Jun 21 01:51:02 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 01:49:50 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5E17

Manual Integrations APPROVED
mohammad
6/21/2017 12:18:26 PM







TIC: BE093285.D

(20) Perylene-d12 (I)

23.514min (-0.149) 0.40ng/ul

response 822078

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.76#
265.00	103.50	21.35#
0.00	0.00	0.00

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

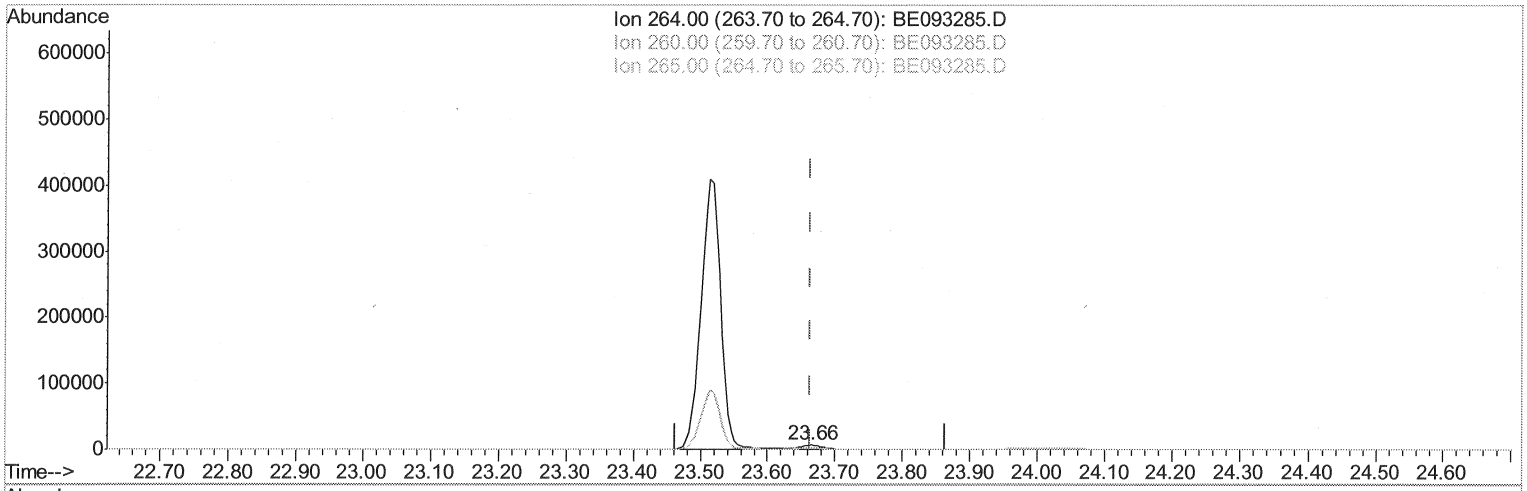
Quantitation Report (Qedit)

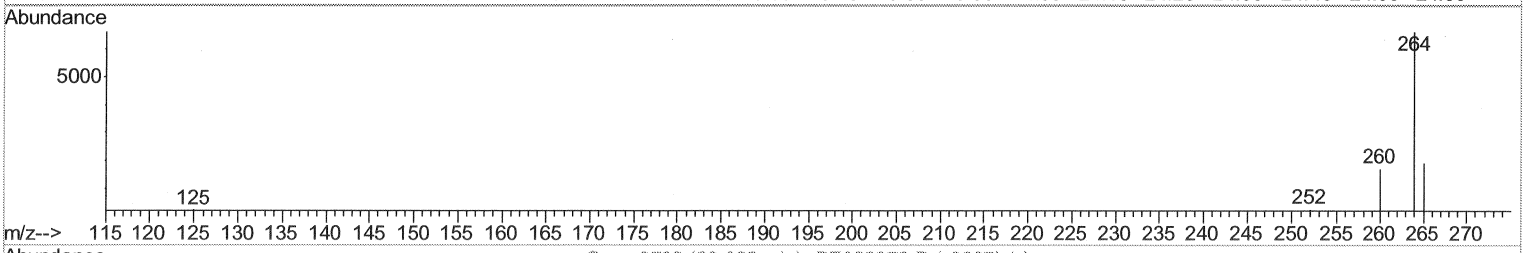
Data File : BE093285.D
Acq On : 20 Jun 2017 17:20
Operator : SJ/JU
Sample : I3625-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

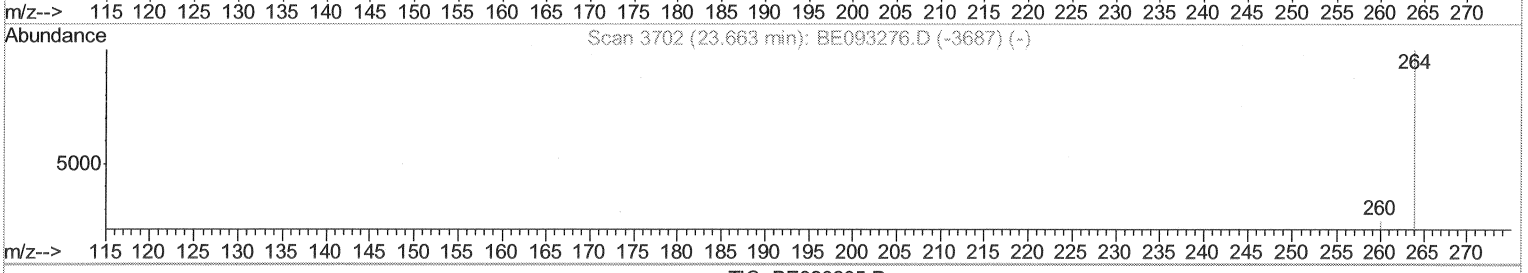
Quant Time: Jun 21 01:51:02 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 01:49:50 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5E17

Manual Integrations APPROVED
mohammad
6/21/2017 12:18:26 PM







TIC: BE093285.D

(20) Perylene-d12 (I)

23.664min (+0.001) 0.40ng/ul m

SJ 6/26/17

response 11927

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	25.95
265.00	103.50	28.88#
0.00	0.00	0.00

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

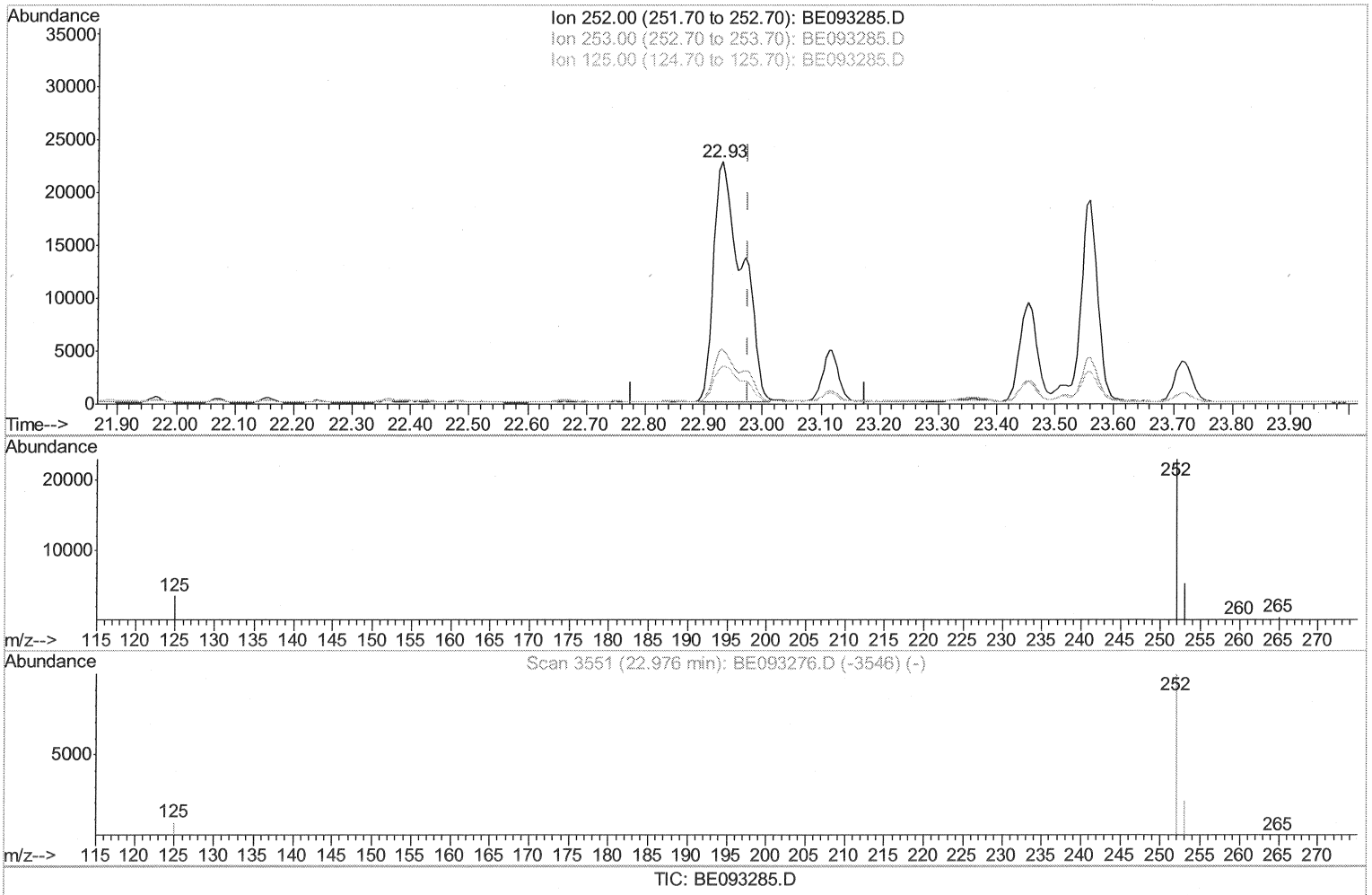
Quantitation Report (Qedit)

Data File : BE093285.D
Acq On : 20 Jun 2017 17:20
Operator : SJ/JU
Sample : I3625-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 21 03:08:48 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 01:49:50 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5E17

Manual Integrations APPROVED
mohammad
6/21/2017 12:18:26 PM



TIC: BE093285.D

(22) Benzo(k)fluoranthene

22.931min (-0.045) 2.01ng/ul

response 77166

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	22.65#
125.00	17.10	15.35
0.00	0.00	0.00

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

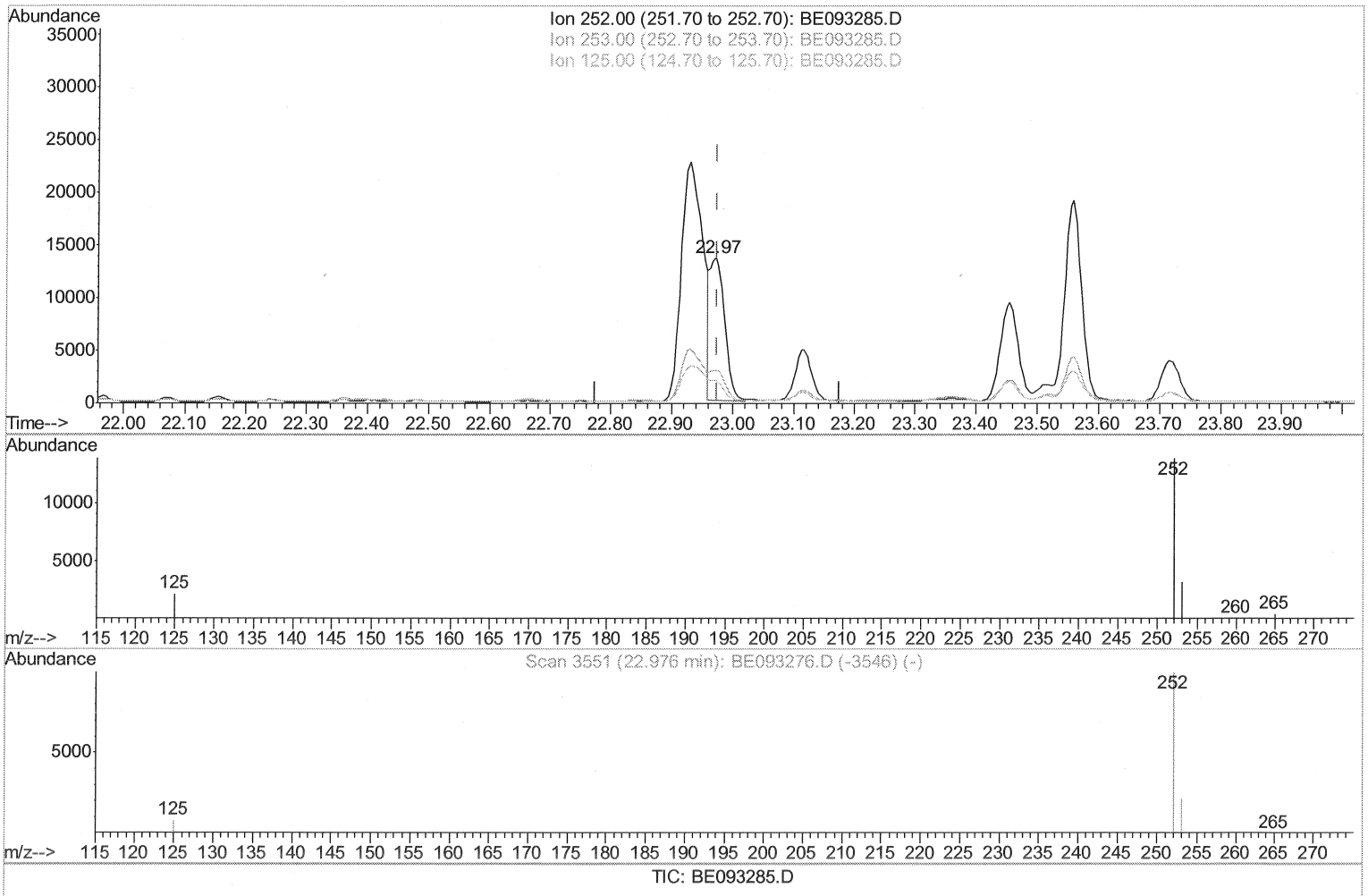
Quantitation Report (Qedit)

Data File : BE093285.D
Acq On : 20 Jun 2017 17:20
Operator : SJ/JU
Sample : I3625-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 21 03:08:48 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 01:49:50 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5E17

Manual Integrations APPROVED
mohammad
6/21/2017 12:18:26 PM



TIC: BE093285.D

(22) Benzo(k)fluoranthene

22.972min (-0.004) 0.59ng/ul m

SJ 6/26/17

response 22593

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	22.90#
125.00	17.10	15.69
0.00	0.00	0.00

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

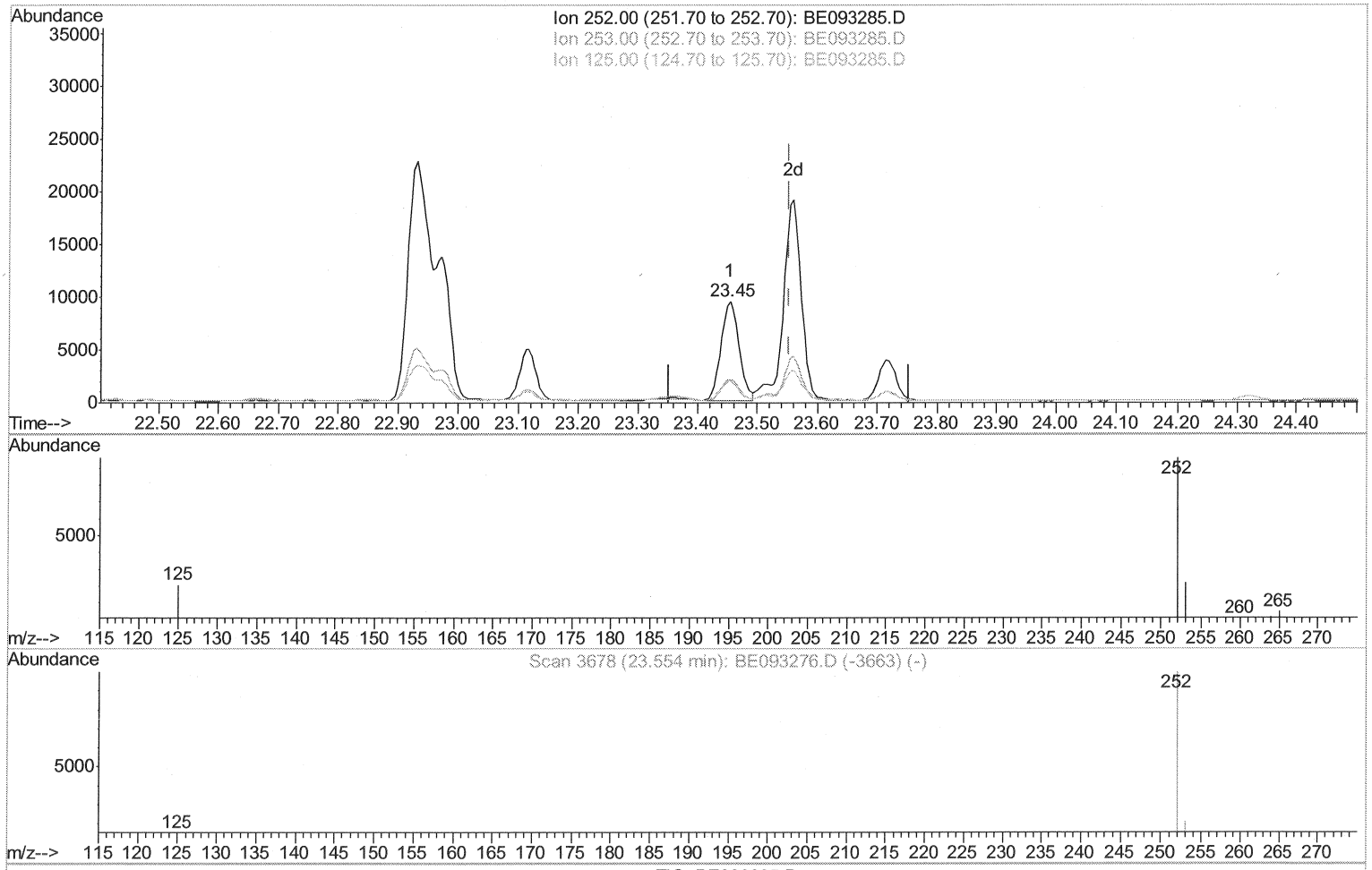
Quantitation Report (Qedit)

Data File : BE093285.D
Acq On : 20 Jun 2017 17:20
Operator : SJ/JU
Sample : I3625-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 21 03:08:48 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 01:49:50 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5E17

Manual Integrations APPROVED
mohammad
6/21/2017 12:18:26 PM



TIC: BE093285.D

(23) Benzo(a)pyrene (C)

23.455min (-0.099) 0.57ng/ul

response 19461

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	22.71#
125.00	22.60	21.46
0.00	0.00	0.00

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

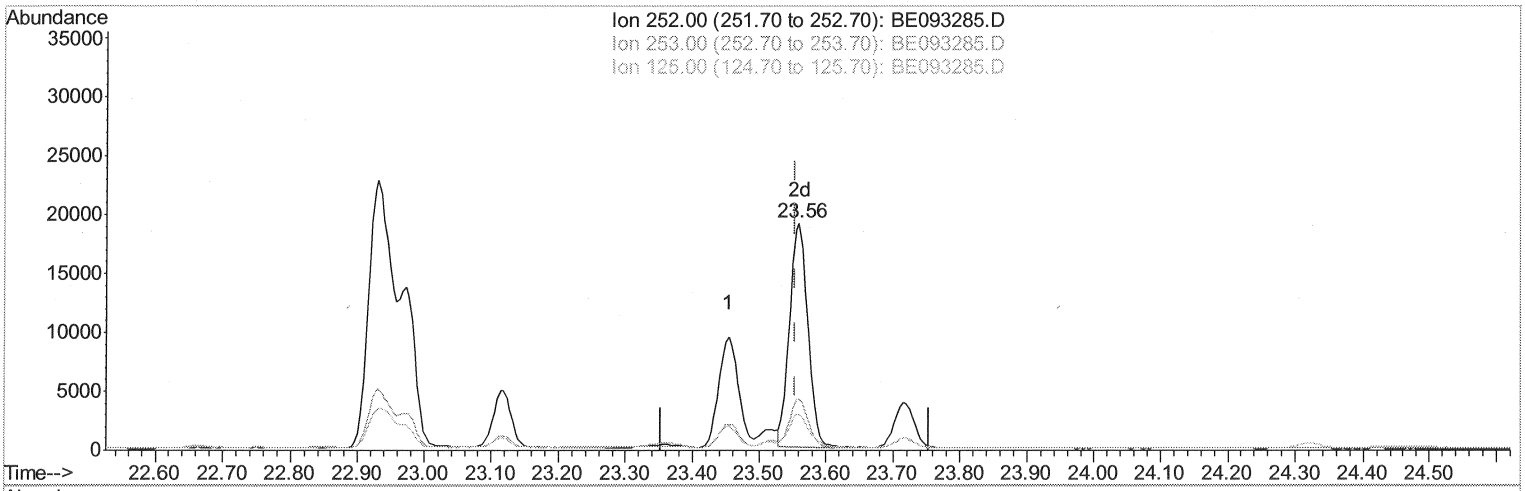
Quantitation Report (Qedit)

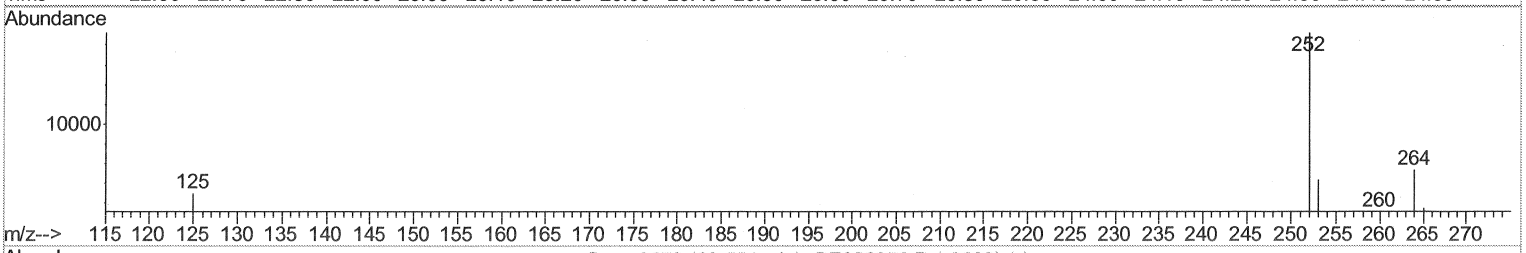
Data File : BE093285.D
Acq On : 20 Jun 2017 17:20
Operator : SJ/JU
Sample : I3625-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

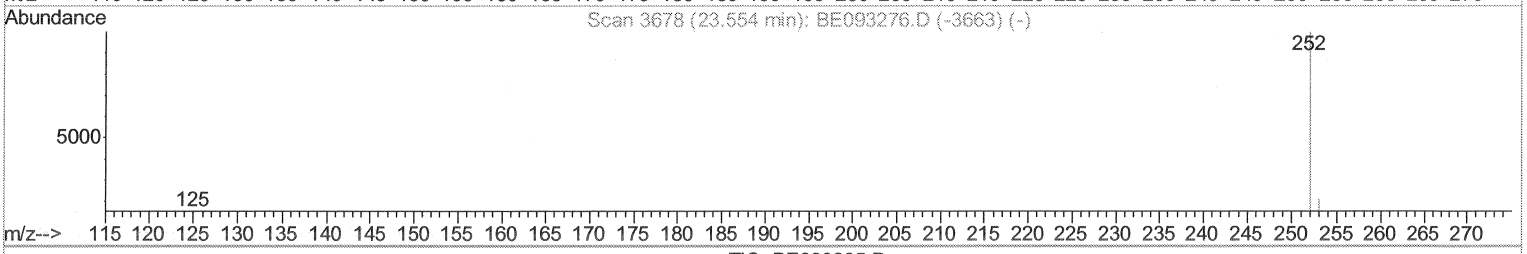
Quant Time: Jun 21 03:08:48 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 01:49:50 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5E17

Manual Integrations APPROVED
mohammad
6/21/2017 12:18:26 PM







TIC: BE093285.D

(23) Benzo(a)pyrene (C)

23.560min (+0.005) 1.06ng/ul m SJ 6/26/17

response 36271

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	22.84#
125.00	22.60	15.59#
0.00	0.00	0.00

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

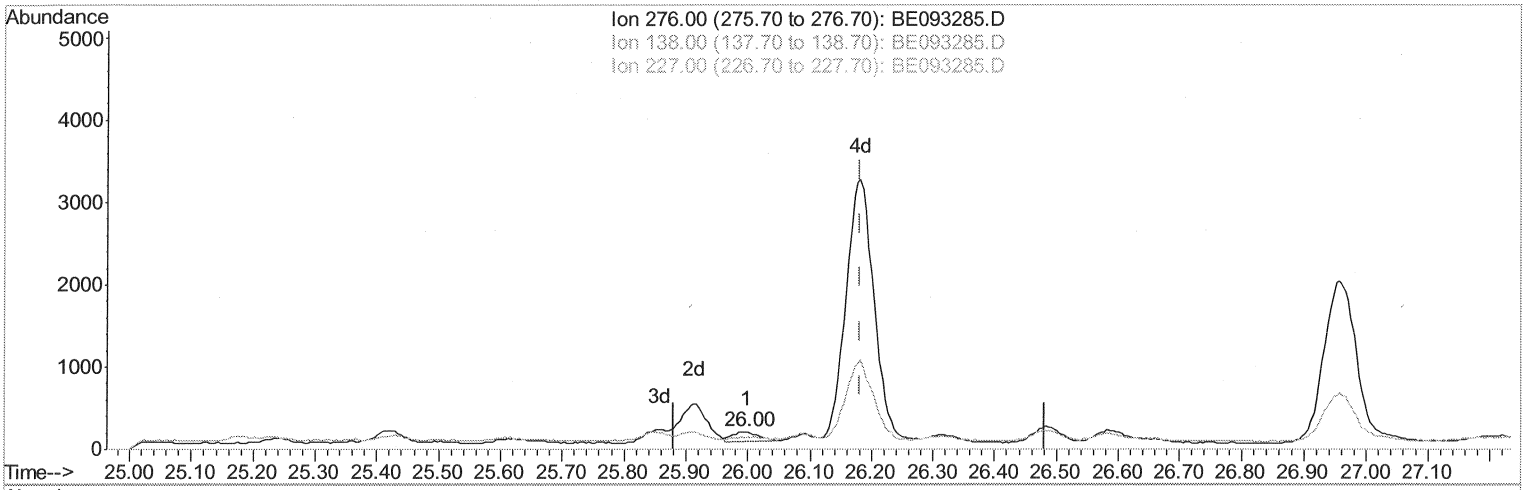
Quantitation Report (Qedit)

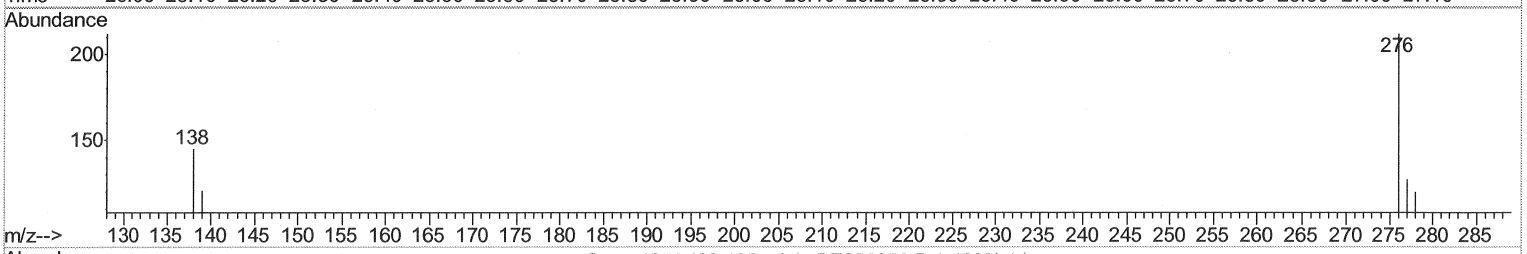
Data File : BE093285.D
Acq On : 20 Jun 2017 17:20
Operator : SJ/JU
Sample : I3625-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

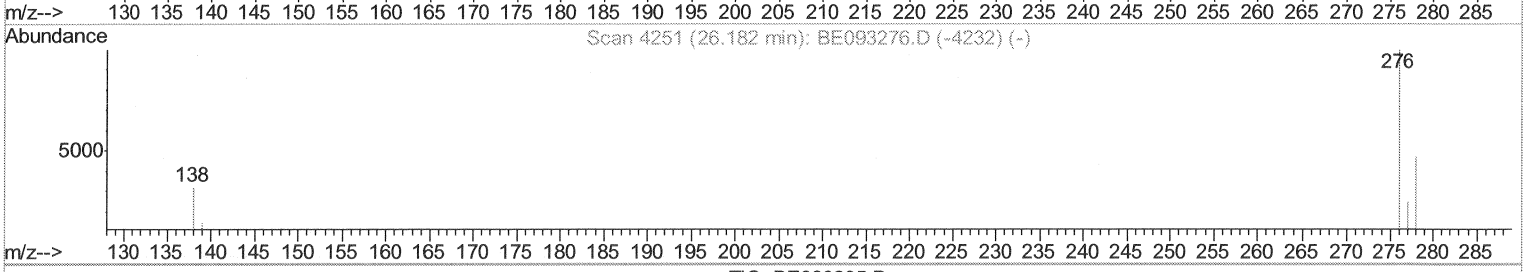
Quant Time: Jun 21 03:08:48 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 01:49:50 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5E17

Manual Integrations APPROVED
mohammad
6/21/2017 12:18:26 PM







TIC: BE093285.D

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

25.999min (-0.183) 0.01ng/ul

response 350

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	42.86#
227.00	10.00	0.00#
0.00	0.00	0.00

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

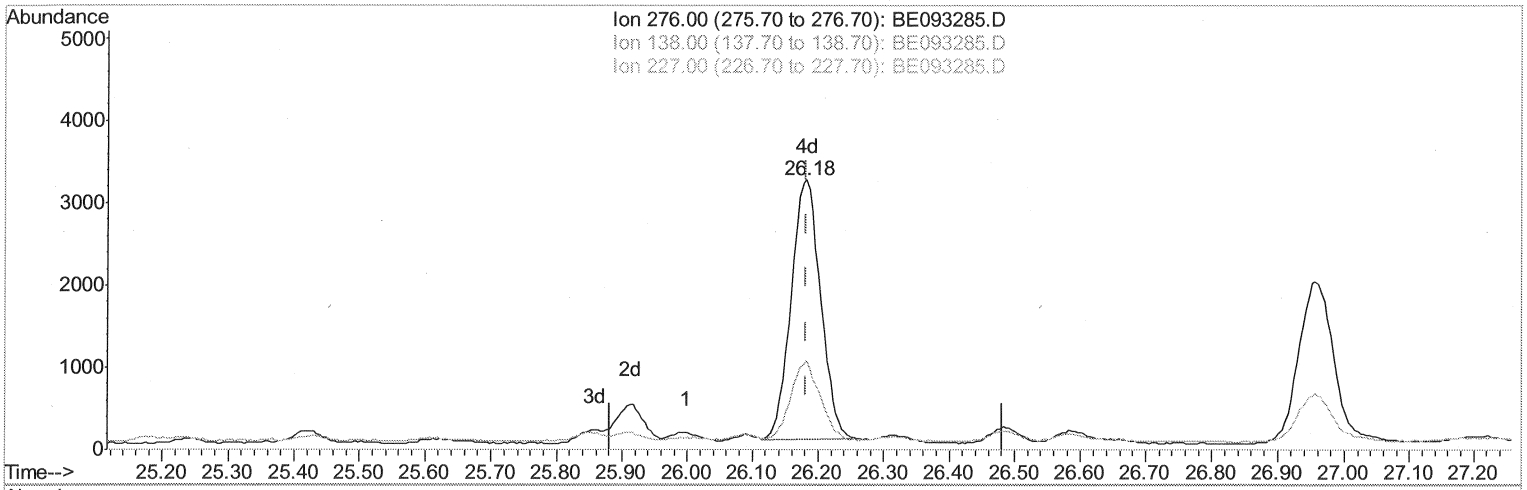
Quantitation Report (Qedit)

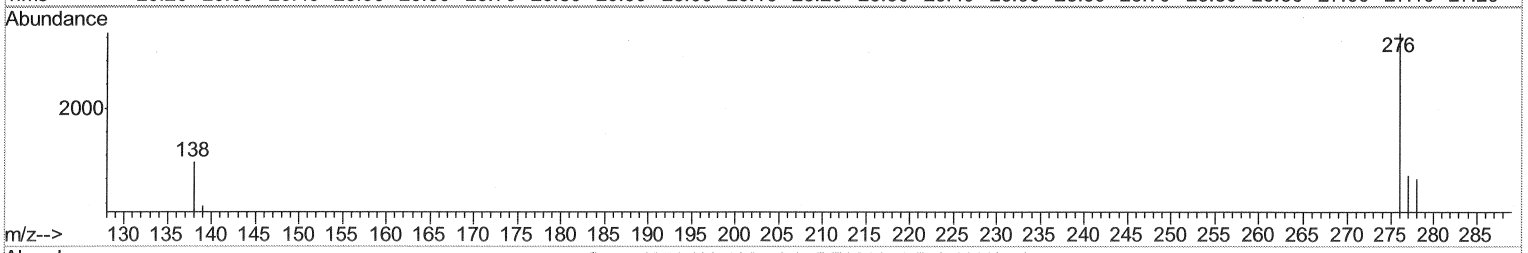
Data File : BE093285.D
Acq On : 20 Jun 2017 17:20
Operator : SJ/JU
Sample : I3625-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

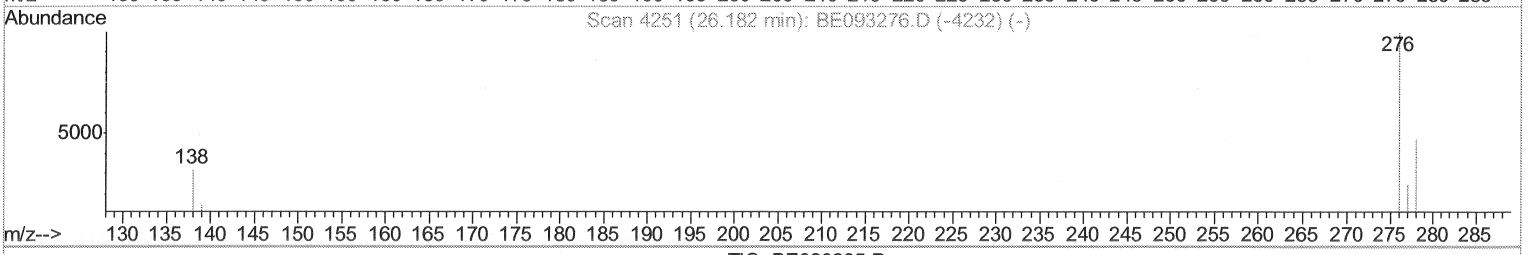
Quant Time: Jun 21 03:08:48 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 01:49:50 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5E17

Manual Integrations APPROVED
mohammad
6/21/2017 12:18:26 PM







TIC: BE093285.D

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

26.181min (-0.000) 0.25ng/ul m

response 9860

SJ 6/26/17

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	1.52#
227.00	10.00	0.00#
0.00	0.00	0.00

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

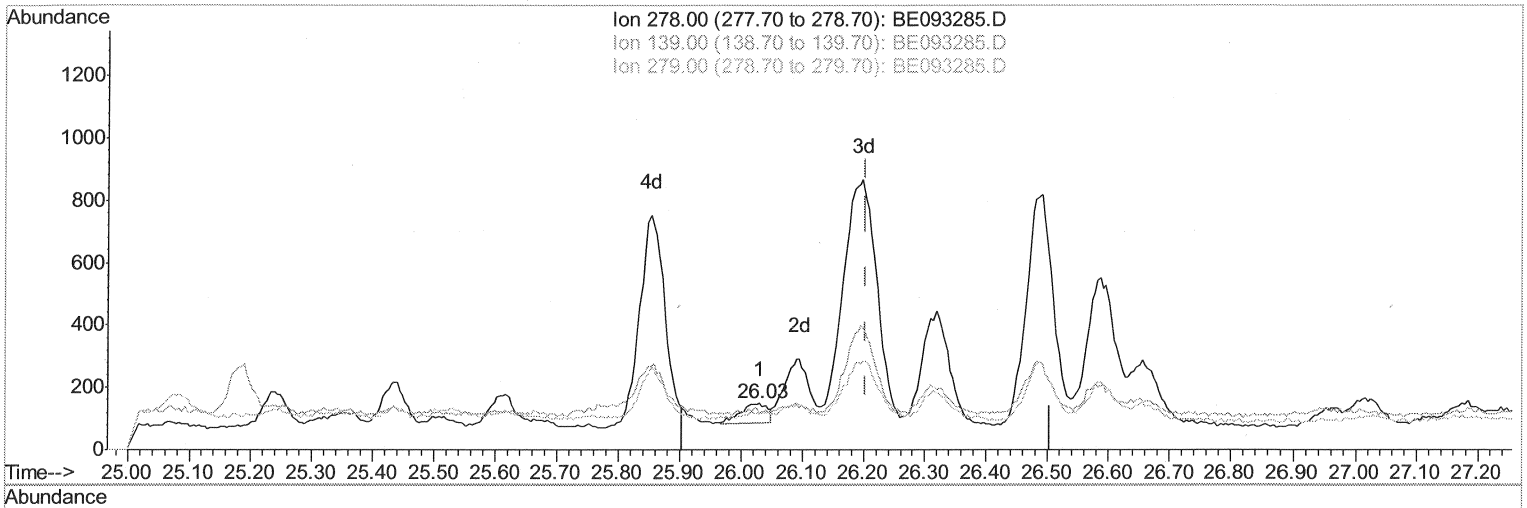
Quantitation Report (Qedit)

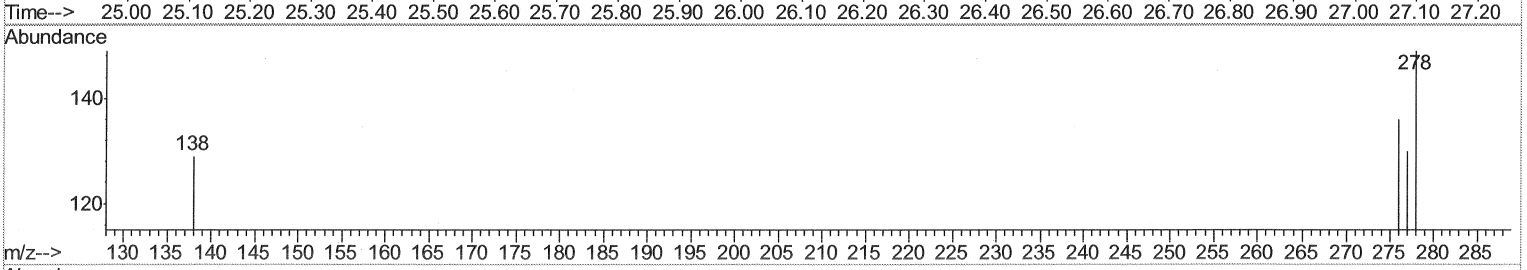
Data File : BE093285.D
Acq On : 20 Jun 2017 17:20
Operator : SJ/JU
Sample : I3625-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

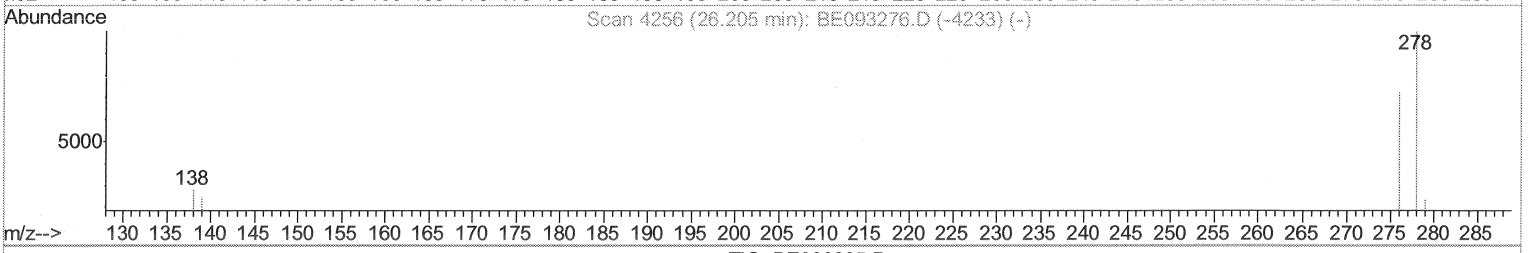
Quant Time: Jun 21 03:08:48 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 01:49:50 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5E17

Manual Integrations APPROVED
mohammad
6/21/2017 12:18:26 PM







TIC: BE093285.D

(25) Dibenzo(a,h)anthracene

26.031min (-0.174) 0.01ng/ul

response 200

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	77.18#
279.00	32.40	77.18#
0.00	0.00	0.00

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

Quantitation Report (Qedit)

Data File : BE093285.D
Acq On : 20 Jun 2017 17:20
Operator : SJ/JU
Sample : I3625-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 21 03:08:48 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
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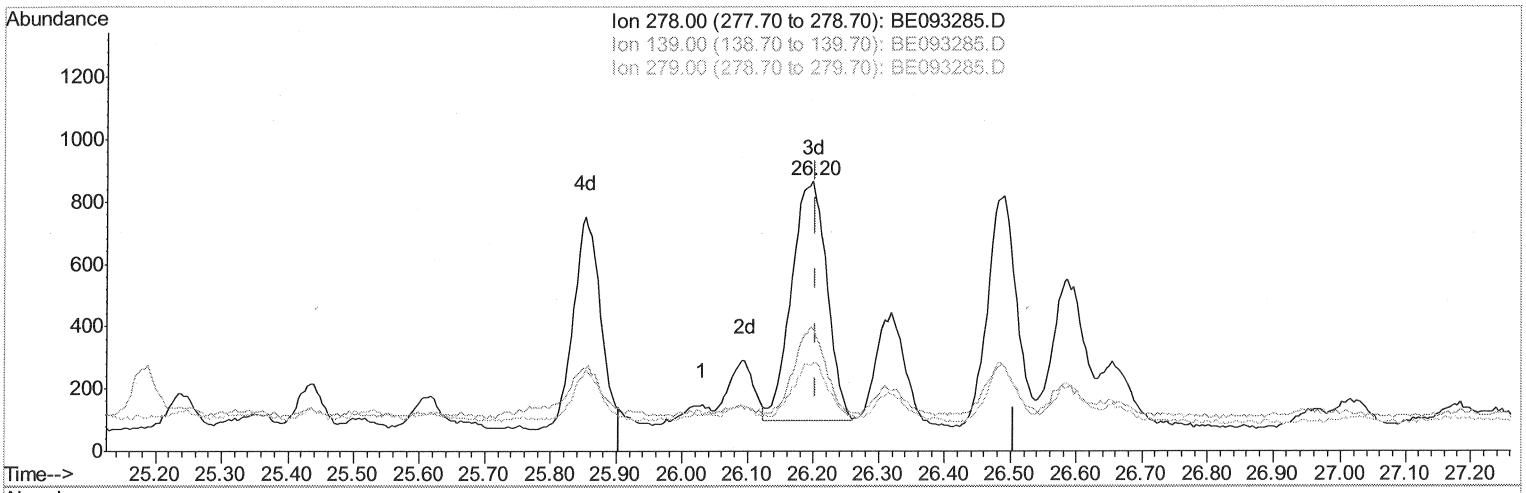
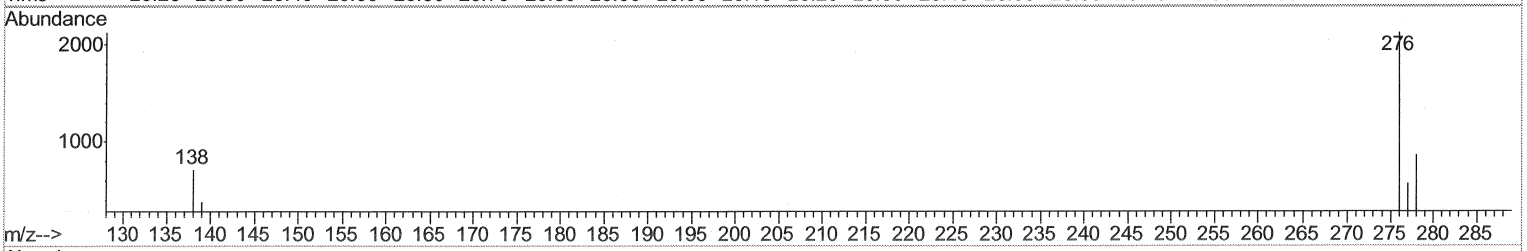
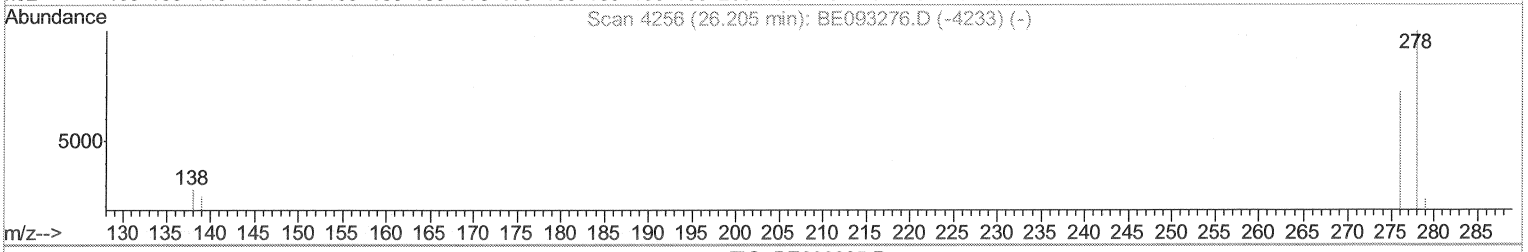
Instrument :
BNA_E
ClientSampleId :
F5E17

Manual Integrations APPROVED
mohammad
6/21/2017 12:18:26 PM







TIC: BE093285.D

(25) Dibenzo(a,h)anthracene

26.200min (-0.005) 0.09ng/ul m

response 2877

SJ
6/26/17

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	45.27#
279.00	32.40	32.91
0.00	0.00	0.00

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

Quantitation Report (QT Reviewed)

Data File : BE093285.D
Acq On : 20 Jun 2017 17:20
Operator : SJ/JU
Sample : I3625-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 21 03:10:04 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 01:49:50 2017
Response via : Initial Calibration

Instrument : BNA_E
ClientSampleId : F5E17

Manual Integrations APPROVED
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6/21/2017 12:18:26 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	1862	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	9562	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	6579	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	14288	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	14425	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	11927m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	4419	0.32	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	12157	0.31	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.56	128	1096685	46.22	ng/ul#	91
5) 2-Methylnaphthalene	12.18	142	232739	14.35	ng/ul	99
7) Acenaphthylene	14.09	152	17514	0.62	ng/ul	97
8) Acenaphthene	14.42	153	238805	10.49	ng/ul	96
9) Fluorene	15.42	166	255758	9.58	ng/ul#	93
12) Phenanthrene	17.14	178	1055927	26.86	ng/ul#	86
13) Anthracene	17.22	178	151982	4.44	ng/ul#	88
15) Fluoranthene	19.15	202	668340	13.86	ng/ul	83
17) Pyrene	19.51	202	475801	11.18	ng/ul#	86
18) Benzo(a)anthracene	21.24	228	126102	3.28	ng/ul#	86
19) Chrysene	21.29	228	91938	2.30	ng/ul	97
21) Benzo(b)fluoranthene	22.93	252	54434	1.50	ng/ul	87
22) Benzo(k)fluoranthene	22.97	252	22593m	0.59	ng/ul	
23) Benzo(a)pyrene	23.56	252	36271m	1.06	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.18	276	9860m	0.25	ng/ul	
25) Dibenzo(a,h)anthracene	26.20	278	2877m	0.09	ng/ul	
26) Benzo(g,h,i)perylene	26.96	276	7340	0.22	ng/ul#	93

SJ 6/26/17

SJ 6/26/17

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