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

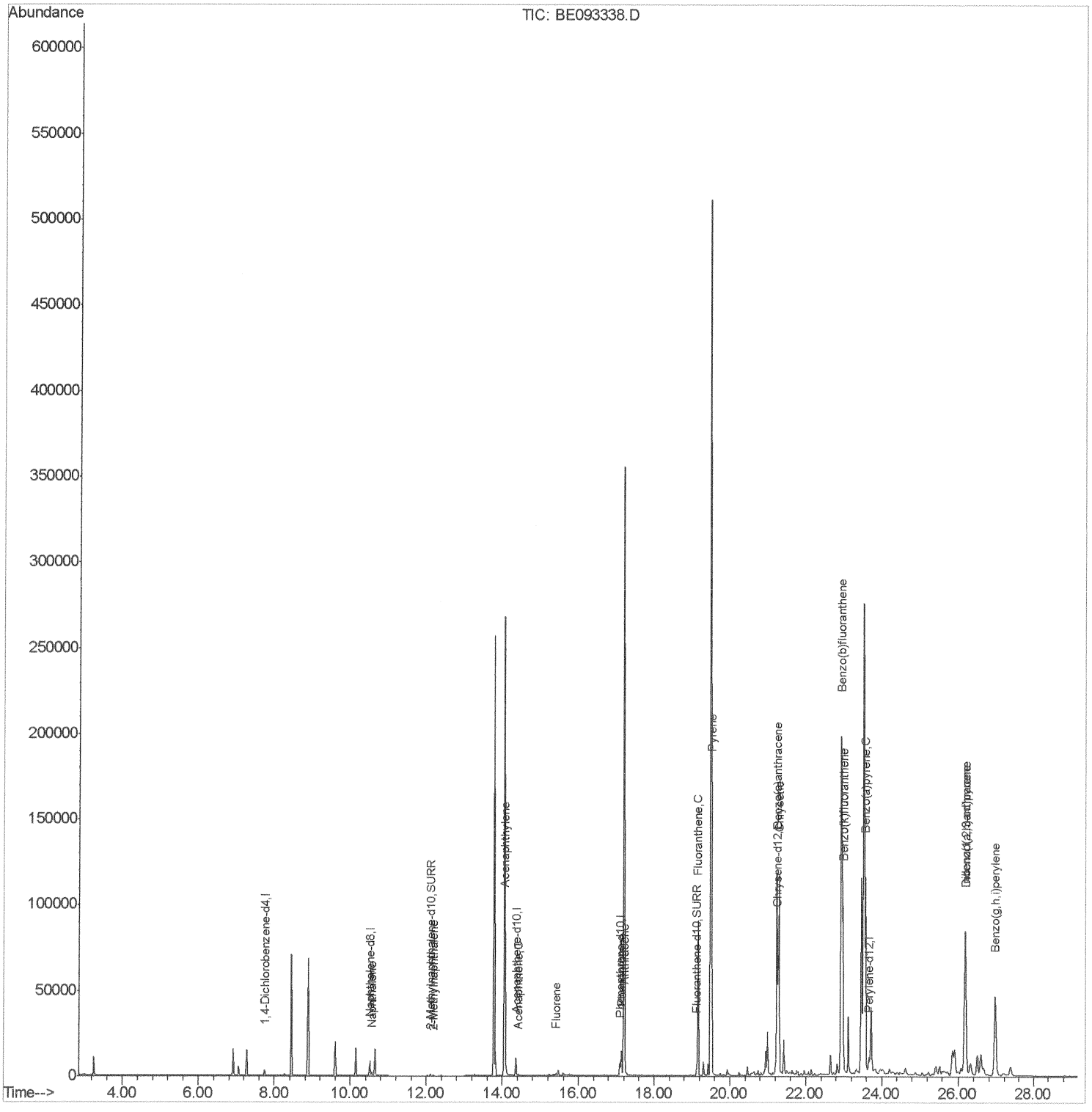
Quantitation Report (QT Reviewed)

Data File : BE093338.D
Acq On : 23 Jun 2017 15:09
Operator : SJ/JU
Sample : I3625-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 24 04:26:04 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 24 03:58:33 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5A82

Manual Integrations APPROVED
mohammad
6/29/2017 8:32:50 AM



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

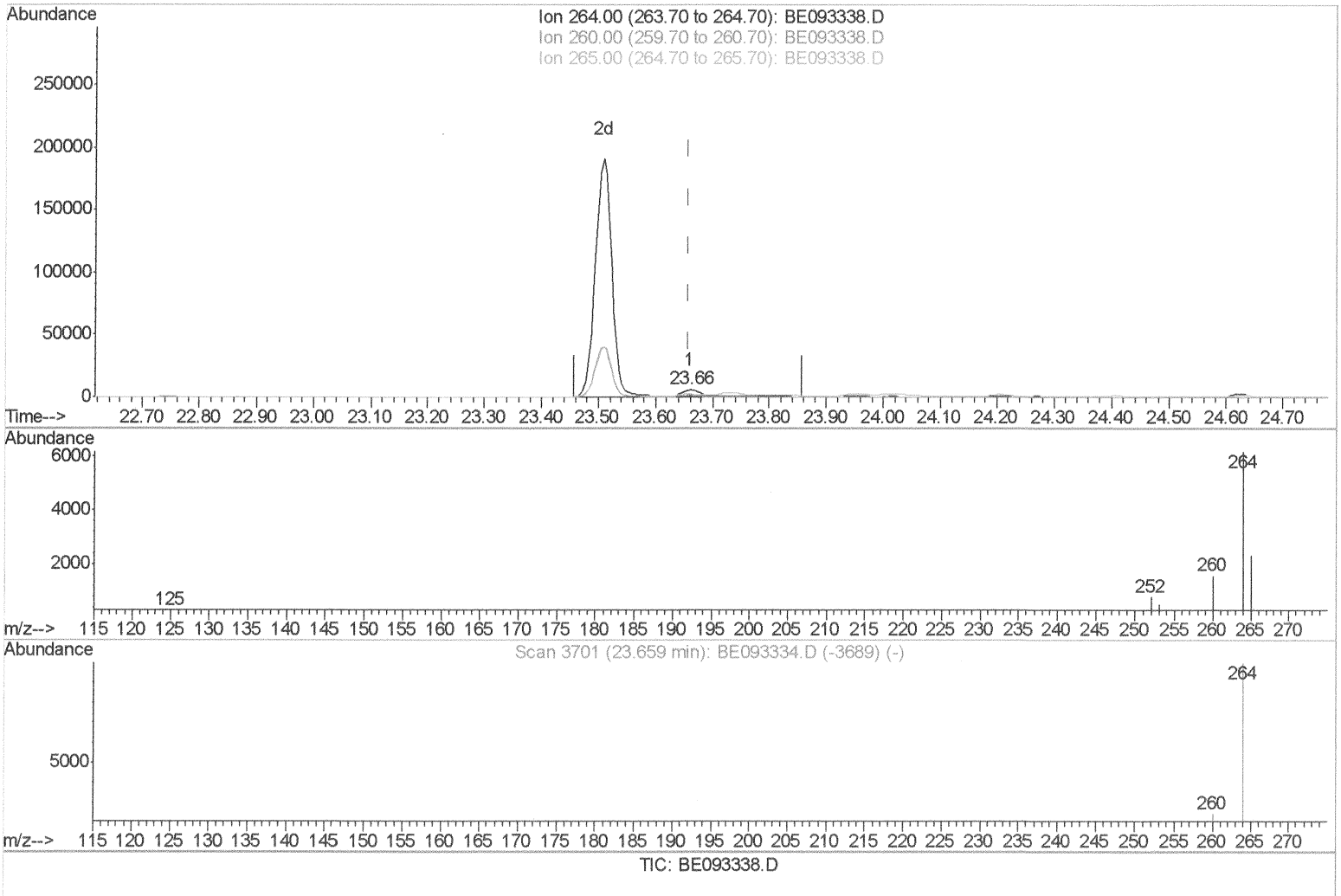
Quantitation Report (Qedit)

Data File : BE093338.D
Acq On : 23 Jun 2017 15:09
Operator : SJ/JU
Sample : I3625-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 24 03:58:56 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 03:58:33 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5A82

Manual Integrations APPROVED
mohammad
6/29/2017 8:32:50 AM



TIC: BE093338.D

(20) Perylene-d12 (I)

23.659min (+0.000) 0.40ng/ul

response 13331

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	25.46
265.00	103.50	37.71#
0.00	0.00	0.00

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

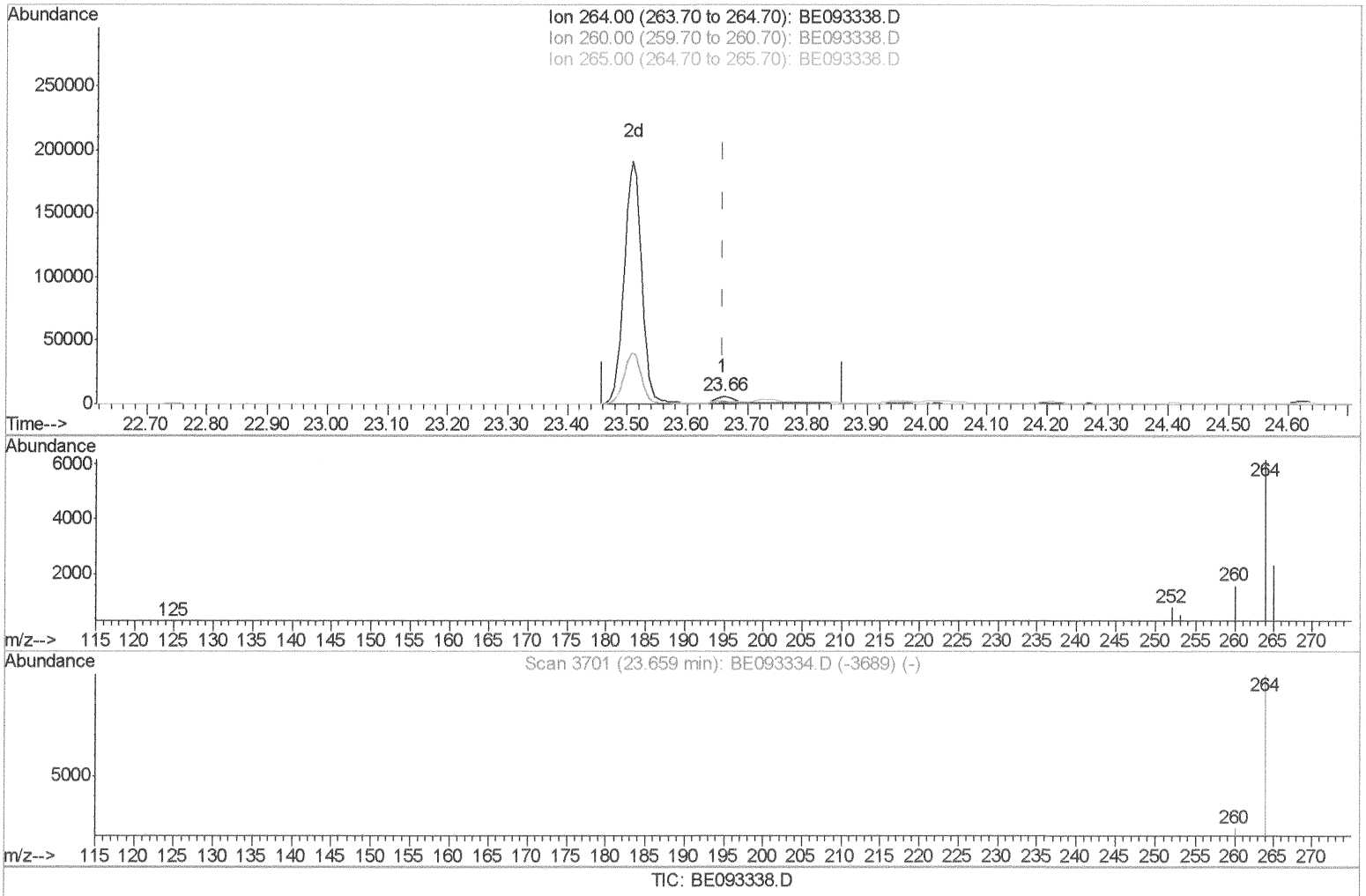
Quantitation Report (Qedit)

Data File : BE093338.D
Acq On : 23 Jun 2017 15:09
Operator : SJ/JU
Sample : I3625-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 24 03:58:56 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 03:58:33 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5A82

Manual Integrations APPROVED
mohammad
6/29/2017 8:32:50 AM



TIC: BE093338.D

(20) Perylene-d12 (I)

23.659min (+0.000) 0.40ng/ul m SJ 6/29/17

response 10467

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	25.46
265.00	103.50	37.71#
0.00	0.00	0.00

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

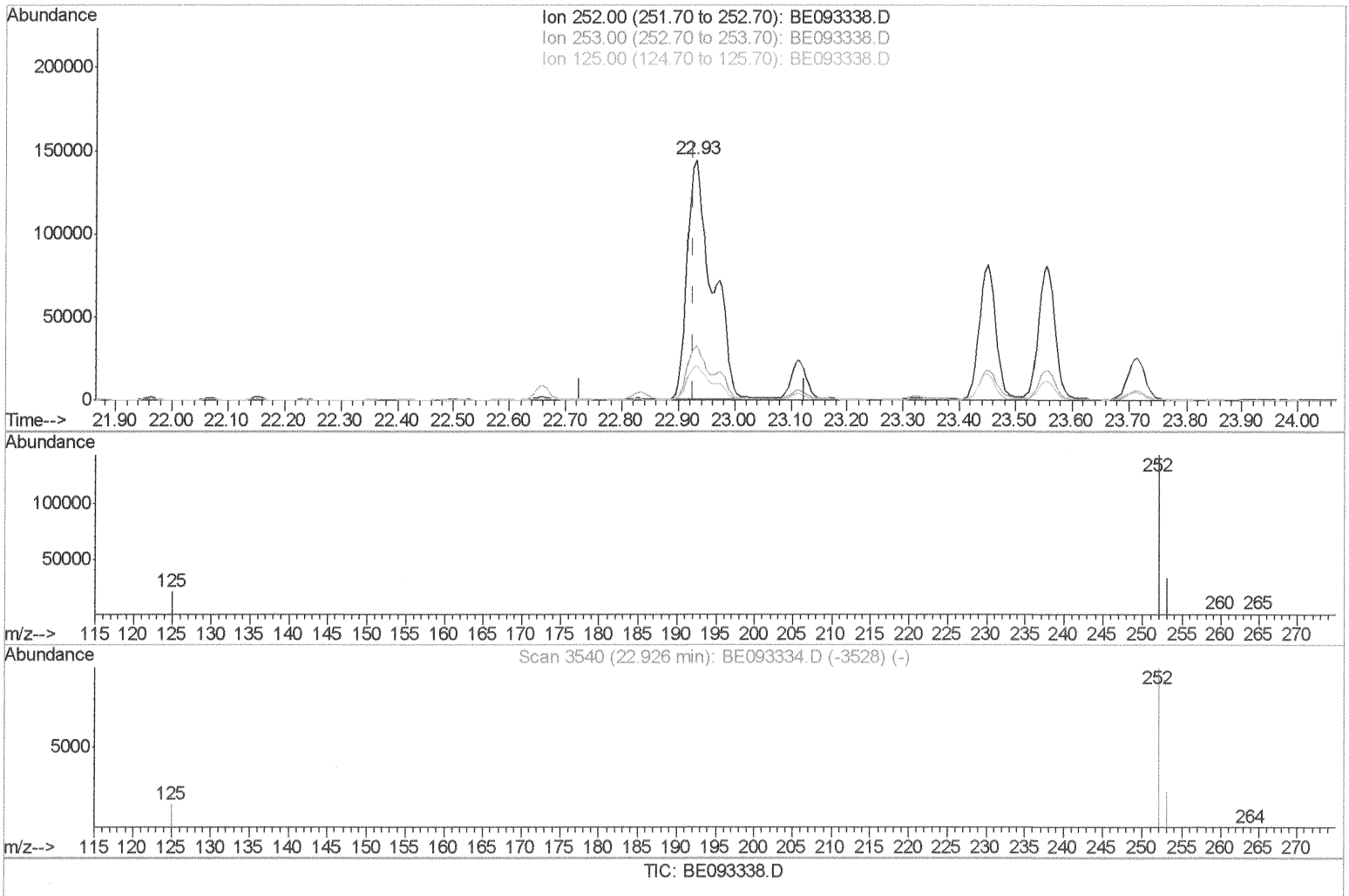
Quantitation Report (Qedit)

Data File : BE093338.D
Acq On : 23 Jun 2017 15:09
Operator : SJ/JU
Sample : I3625-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 24 04:25:09 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 03:58:33 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5A82

Manual Integrations APPROVED
mohammad
6/29/2017 8:32:50 AM



TIC: BE093338.D

(21) Benzo(b)fluoranthene

22.931min (+0.005) 14.00ng/ul

response 444653

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	22.74
125.00	17.50	14.35
0.00	0.00	0.00

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

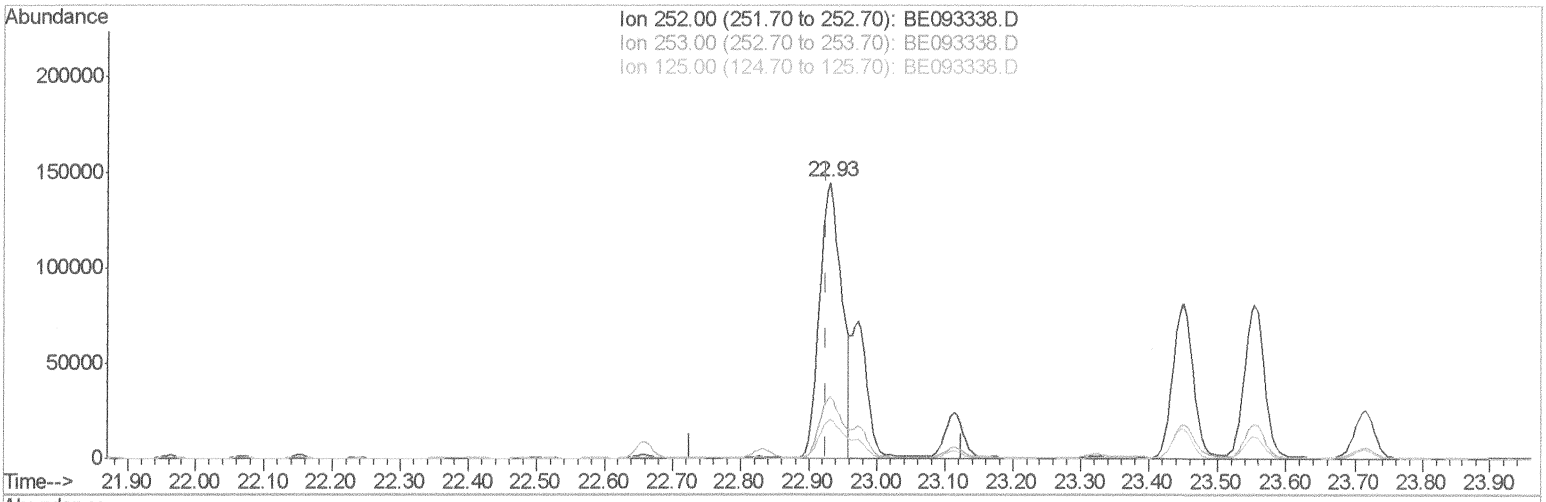
Quantitation Report (Qedit)

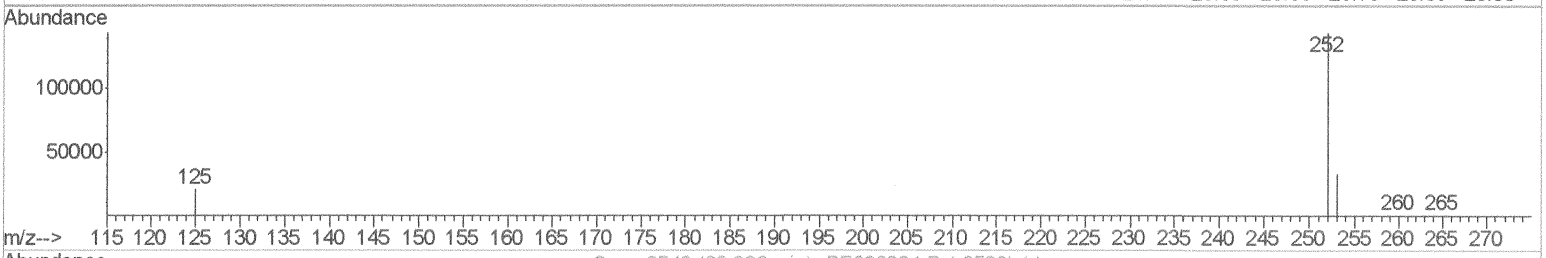
Data File : BE093338.D
Acq On : 23 Jun 2017 15:09
Operator : SJ/JU
Sample : I3625-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

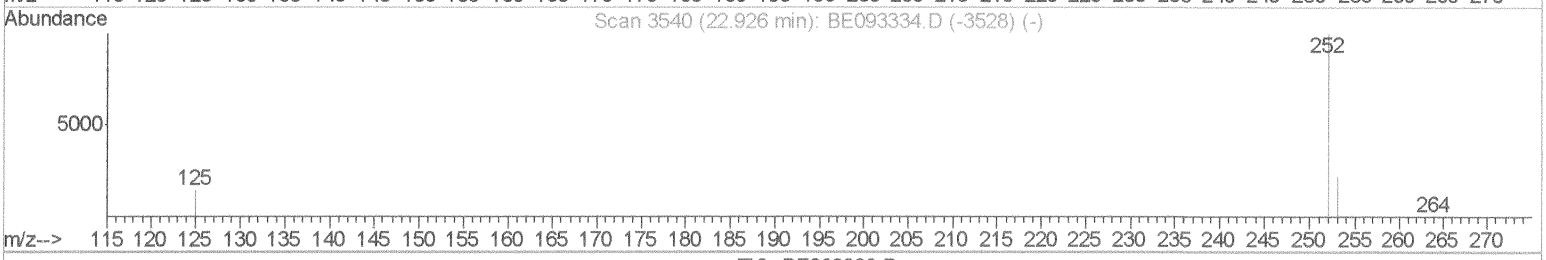
Quant Time: Jun 24 04:25:09 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 24 03:58:33 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5A82

Manual Integrations APPROVED
mohammad
6/29/2017 8:32:50 AM







TIC: BE093338.D

(21) Benzo(b)fluoranthene

22.931min (+0.005) 10.40ng/ul m

response 330395

SJ 6/29/17

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	22.74
125.00	17.50	14.35
0.00	0.00	0.00

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

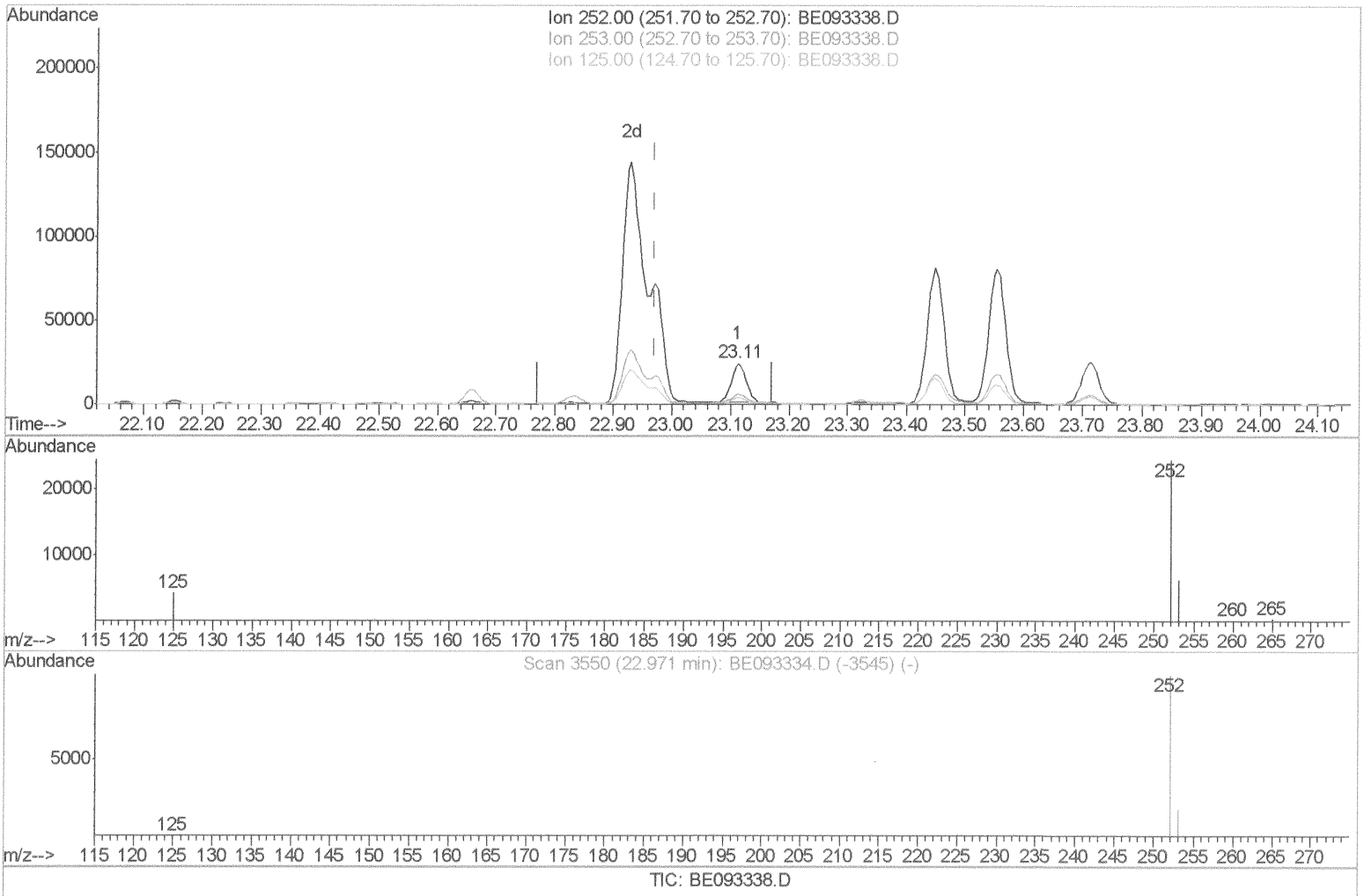
Quantitation Report (Qedit)

Data File : BE093338.D
Acq On : 23 Jun 2017 15:09
Operator : SJ/JU
Sample : I3625-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 24 04:25:09 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 03:58:33 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5A82

Manual Integrations APPROVED
mohammad
6/29/2017 8:32:50 AM



TIC: BE093338.D

(22) Benzo(k)fluoranthene

23.113min (+0.142) 1.25ng/ul

response 42072

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	25.74
125.00	17.10	17.36
0.00	0.00	0.00

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

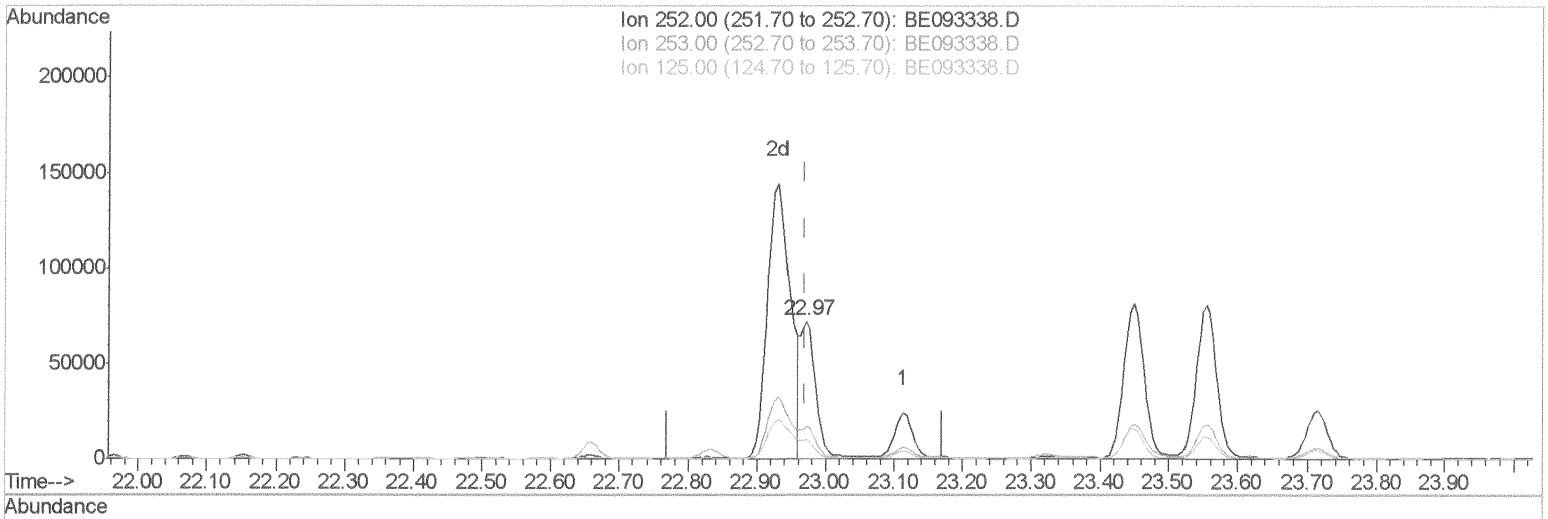
Quantitation Report (Qedit)

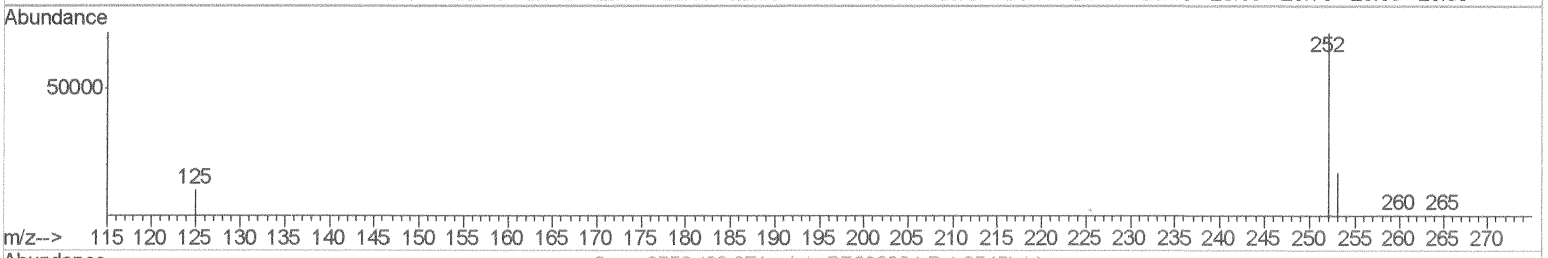
Data File : BE093338.D
Acq On : 23 Jun 2017 15:09
Operator : SJ/JU
Sample : I3625-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

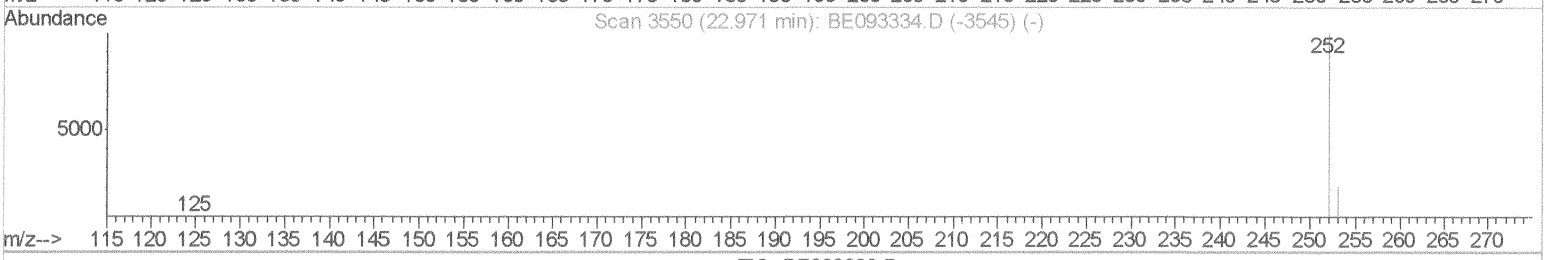
Quant Time: Jun 24 04:25:09 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 24 03:58:33 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5A82

Manual Integrations APPROVED
mohammad
6/29/2017 8:32:50 AM







TIC: BE093338.D

(22) Benzo(k)fluoranthene

22.972min (+0.000) 3.44ng/ul m

response 116118

SJ 6/29/17

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.33#
125.00	17.10	14.13
0.00	0.00	0.00

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

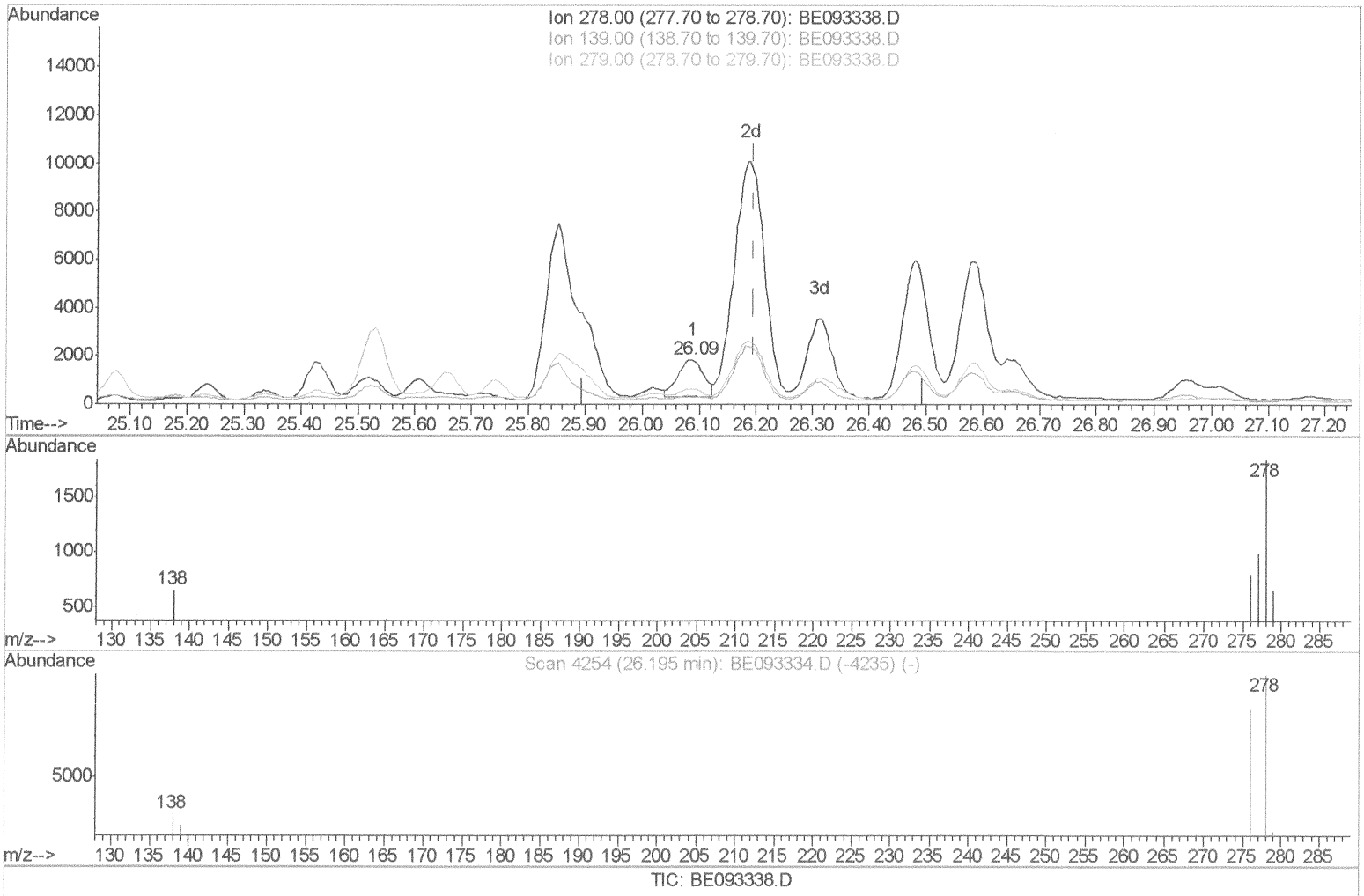
Quantitation Report (Qedit)

Data File : BE093338.D
Acq On : 23 Jun 2017 15:09
Operator : SJ/JU
Sample : I3625-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 24 04:25:09 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 03:58:33 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5A82

Manual Integrations APPROVED
mohammad
6/29/2017 8:32:50 AM



TIC: BE093338.D

(25) Dibenzo(a,h)anthracene

26.089min (-0.106) 0.16ng/ul

response 4732

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	20.96
279.00	32.40	36.20
0.00	0.00	0.00

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

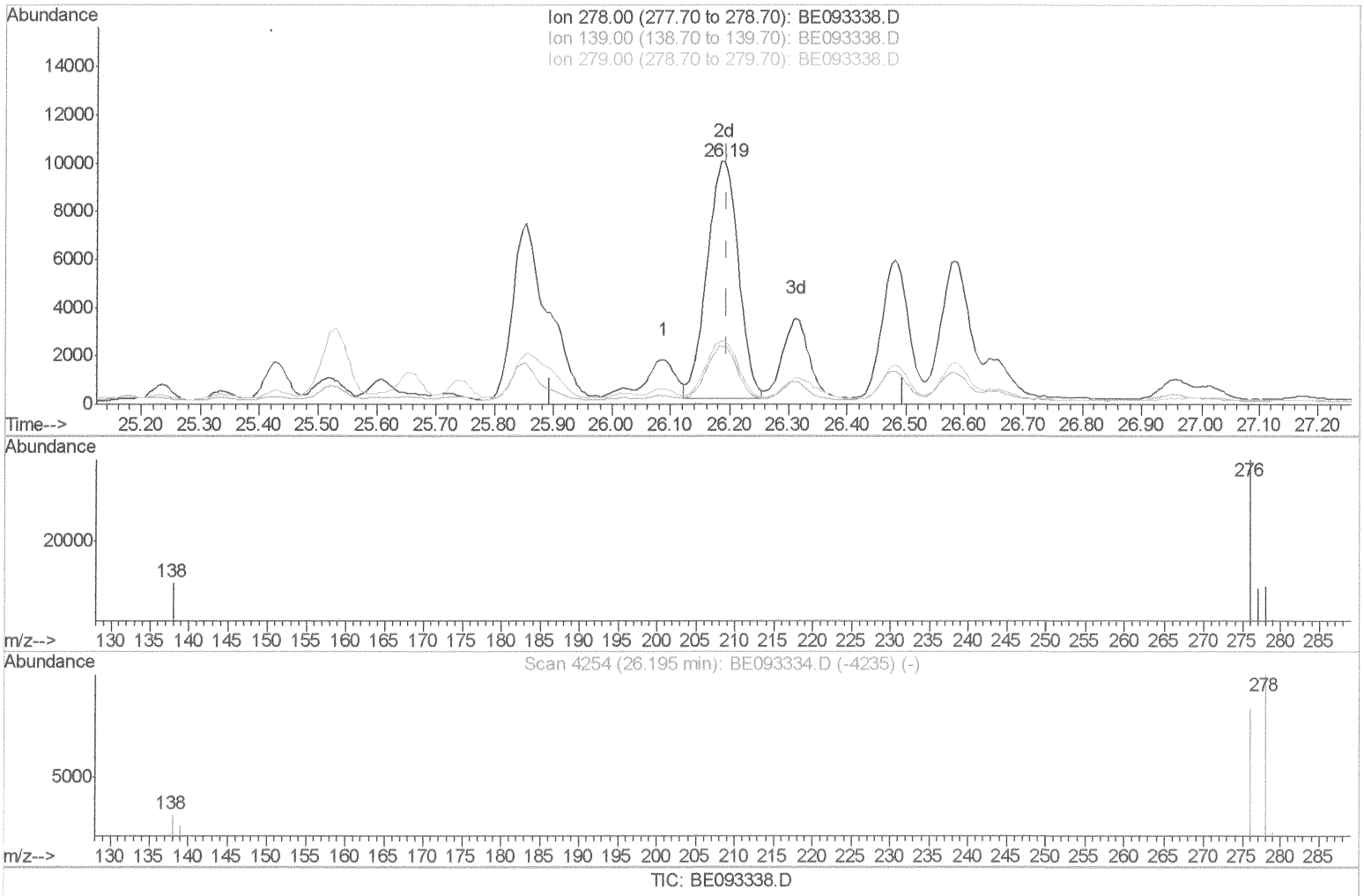
Quantitation Report (Qedit)

Data File : BE093338.D
Acq On : 23 Jun 2017 15:09
Operator : SJ/JU
Sample : I3625-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 24 04:25:09 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 03:58:33 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5A82

Manual Integrations APPROVED
mohammad
6/29/2017 8:32:50 AM



TIC: BE093338.D

(25) Dibenzo(a,h)anthracene

26.190min (-0.006) 1.25ng/ul m

response 36504

SJ
6/29/17

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	23.48
279.00	32.40	25.84#
0.00	0.00	0.00

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

Quantitation Report (QT Reviewed)

Data File : BE093338.D
Acq On : 23 Jun 2017 15:09
Operator : SJ/JU
Sample : I3625-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 24 04:26:04 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 24 03:58:33 2017
Response via : Initial Calibration

Instrument : BNA_E
ClientSampleId : F5A82

Manual Integrations APPROVED
mohammad
6/29/2017 8:32:50 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	1603	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	8756	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	5444	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	12964	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	13745	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	10467m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	2014	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	5441	0.15	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.56	128	3183	0.15	ng/ul#	94
5) 2-Methylnaphthalene	12.18	142	769	0.05	ng/ul	100
7) Acenaphthylene	14.08	152	29819	1.28	ng/ul	96
8) Acenaphthene	14.42	153	544	0.03	ng/ul#	89
9) Fluorene	15.41	166	1005	0.05	ng/ul#	91
12) Phenanthrene	17.13	178	15841	0.44	ng/ul#	92
13) Anthracene	17.22	178	27660	0.89	ng/ul#	90
15) Fluoranthene	19.15	202	92635	2.12	ng/ul	84
17) Pyrene	19.51	202	161355	3.98	ng/ul#	83
18) Benzo(a)anthracene	21.24	228	103120	2.81	ng/ul#	84
19) Chrysene	21.29	228	137363	3.61	ng/ul	97
21) Benzo(b)fluoranthene	22.93	252	330395m	10.40	ng/ul	
22) Benzo(k)fluoranthene	22.97	252	116118m	3.44	ng/ul	
23) Benzo(a)pyrene	23.55	252	163873	5.46	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	26.18	276	140265	4.03	ng/ul#	86
25) Dibenzo(a,h)anthracene	26.19	278	36504m	1.25	ng/ul	
26) Benzo(g,h,i)perylene	26.95	276	103586	3.47	ng/ul	97

SJ 6/29/17

SJ 6/29/17

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