Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\

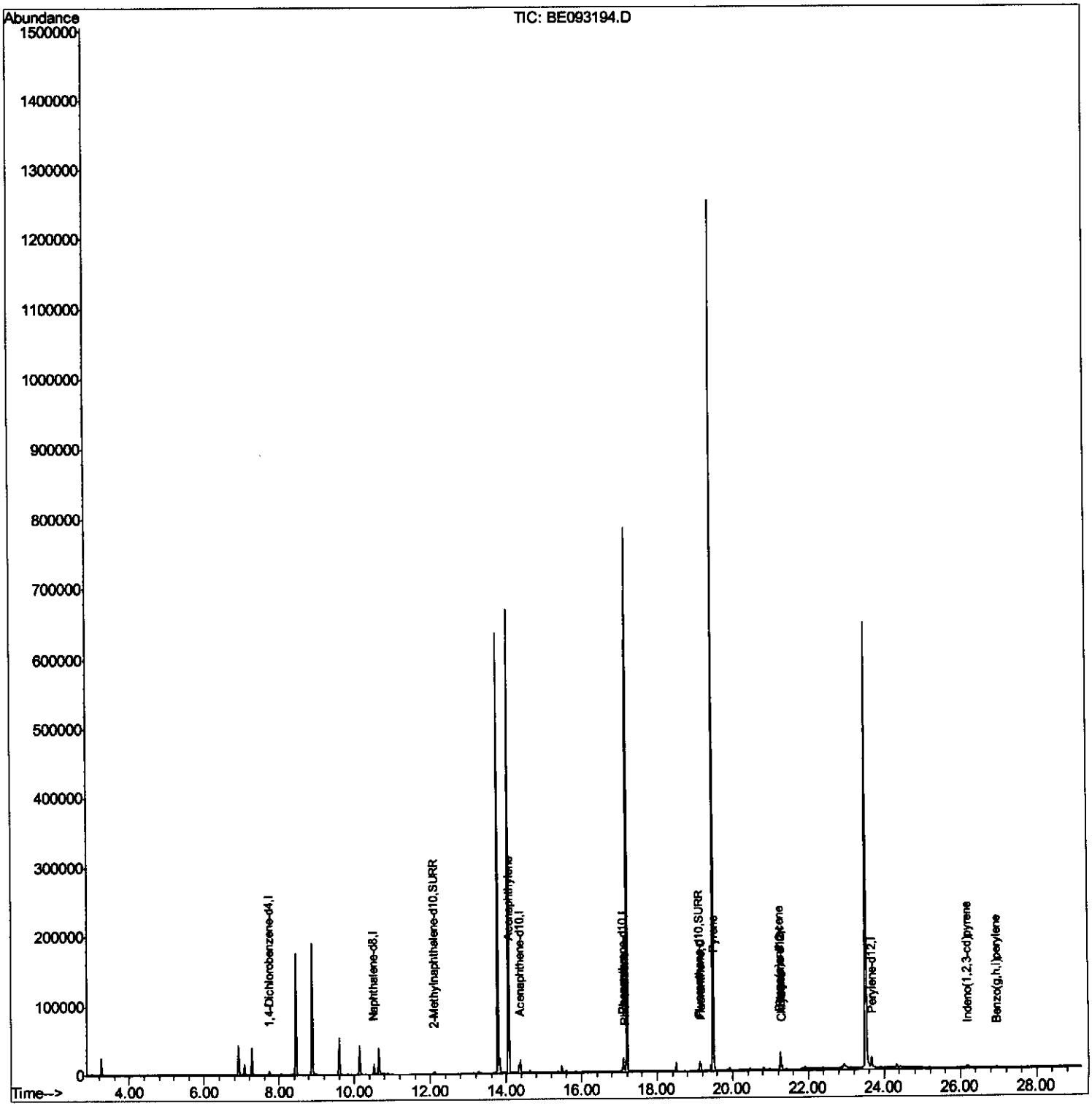
Quantitation Report (QT Reviewed)

Data File : BE093194.D
Acq On : 15 Jun 2017 6:12
Operator : SJ/MA
Sample : SSTDCCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 15 07:30:13 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 03:59:13 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5A37

Manual Integrations APPROVED
mohammad
6/15/2017 3:54:14 PM



Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\

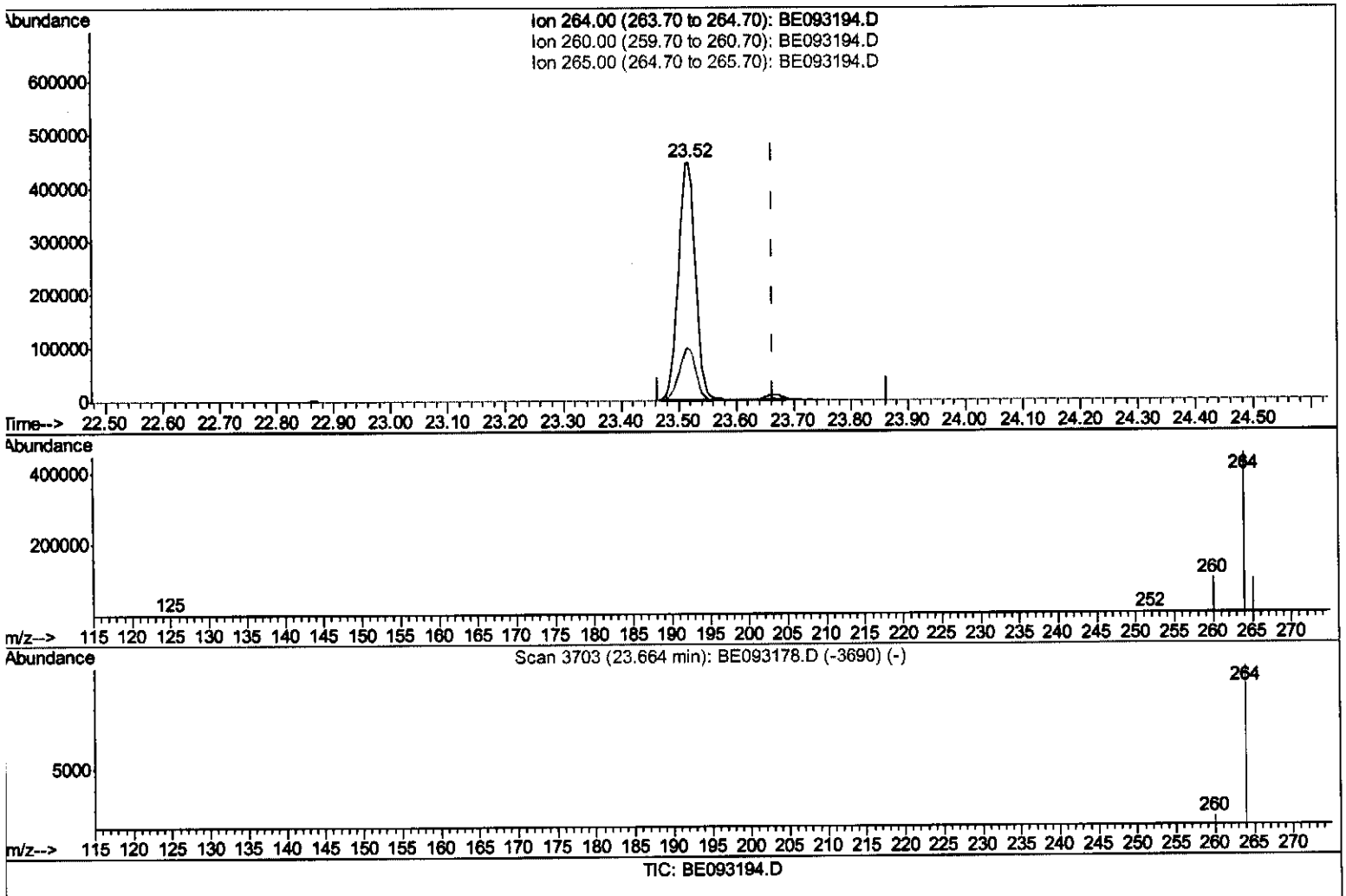
Quantitation Report (Qedit)

Data File : BE093194.D
Acq On : 15 Jun 2017 6:12
Operator : SJ/MA
Sample : SSTDCCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 15 07:07:18 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 03:59:13 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5A37

Manual Integrations APPROVED
mohammad
6/15/2017 3:54:14 PM



TIC: BE093194.D

(20) Perylene-d12 (I)

23.518min (-0.146) 0.40ng/ul

response 910122

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.80#
265.00	103.50	21.75#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\

Quantitation Report (Qedit)

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Operator : SJ/MA
Sample : SSTDCCC0.4
Misc :
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Quant Time: Jun 15 07:07:18 2017
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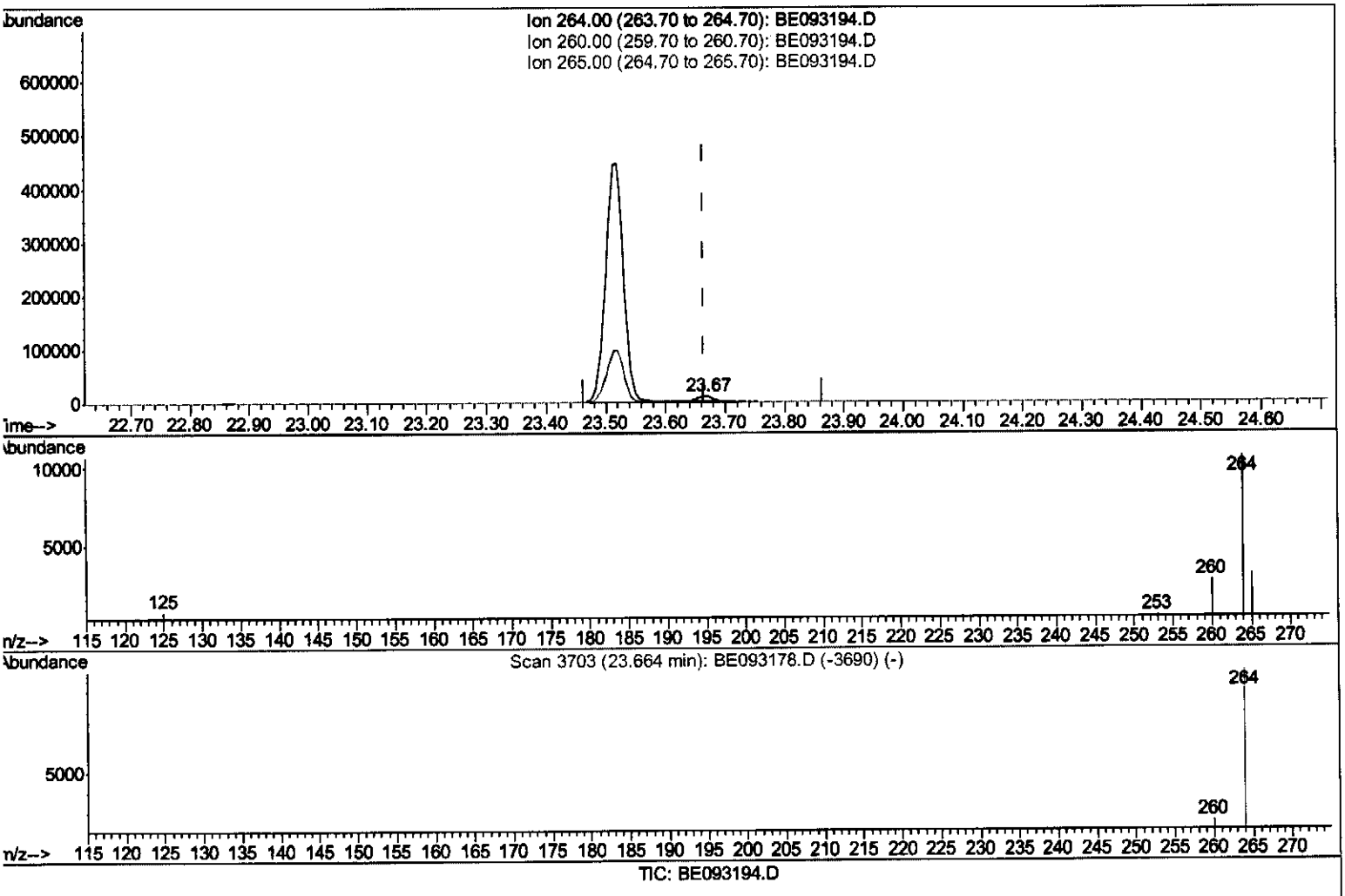
F5A37

Manual Integrations APPROVED
mohammad
6/15/2017 3:54:14 PM



TIC: BE093194.D

(20) Perylene-d12 (I)

23.669min (+0.005) 0.40ng/ul m

response 18735

SJ 06/21/17

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	25.66
265.00	103.50	29.29#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\

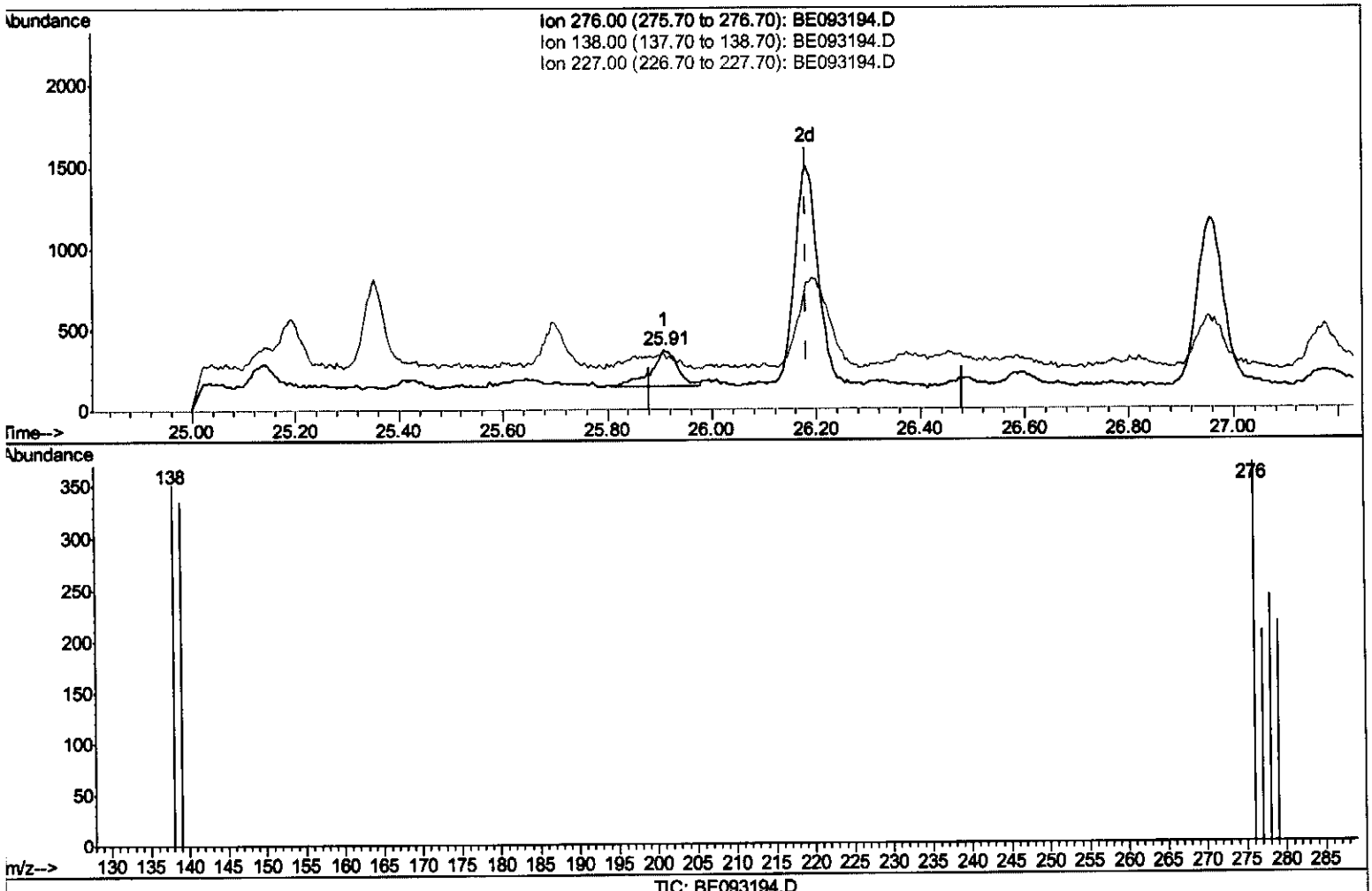
Quantitation Report (Qedit)

Data File : BE093194.D
Acq On : 15 Jun 2017 6:12
Operator : SJ/MA
Sample : SSTDCCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 15 07:29:00 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 03:59:13 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5A37

Manual Integrations APPROVED
mohammad
6/15/2017 3:54:14 PM



TIC: BE093194.D

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

25.908min (-0.273) 0.01ng/ul

response 781

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	29.19
227.00	10.00	0.00#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\

Quantitation Report (Qedit)

Data File : BE093194.D
Acq On : 15 Jun 2017 6:12
Operator : SJ/MA
Sample : SSTDCCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 15 07:29:00 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 03:59:13 2017
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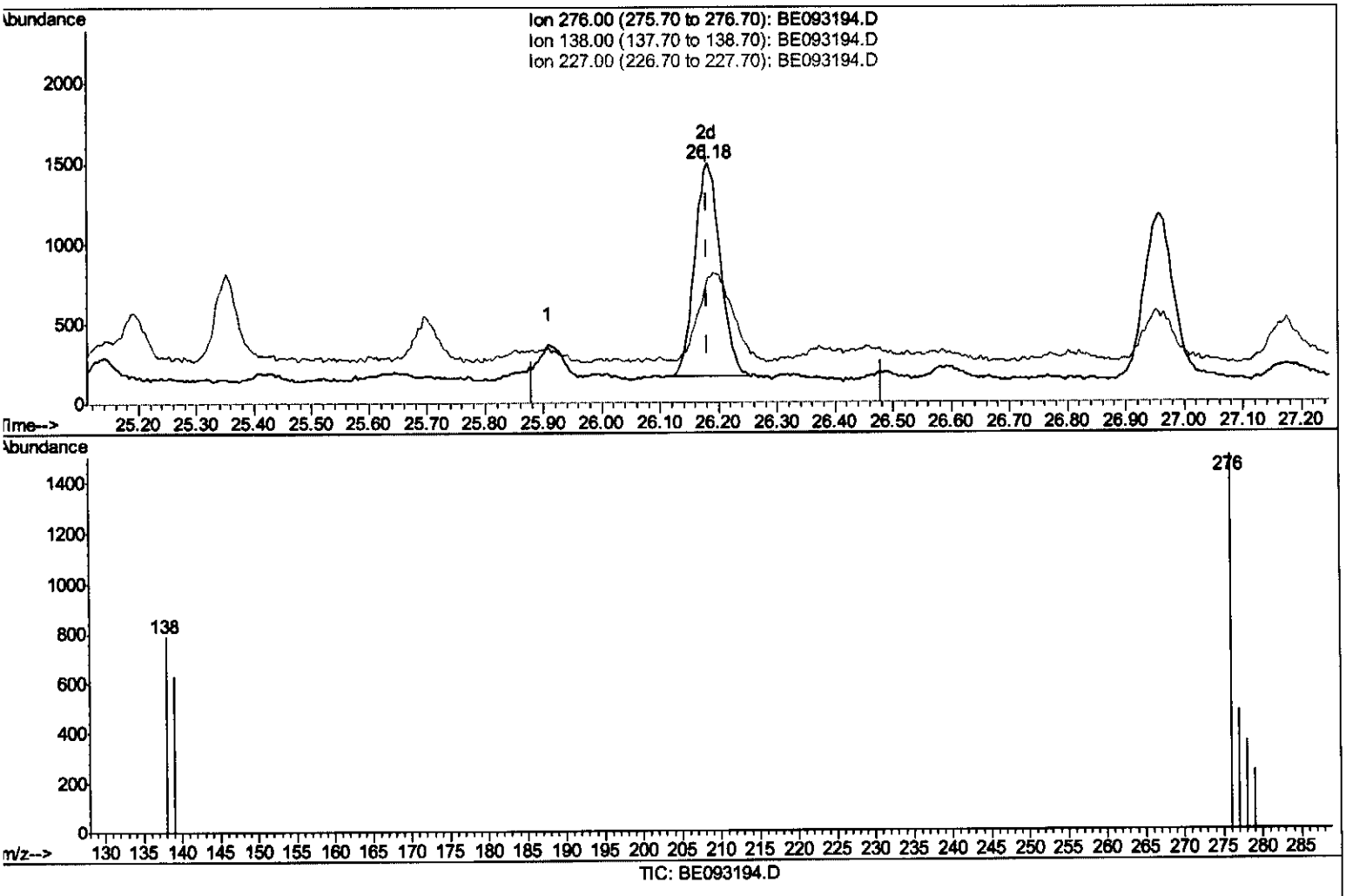
Instrument :
BNA_E
ClientSampleId :
F5A37

Manual Integrations APPROVED
mohammad
6/15/2017 3:54:14 PM



TIC: BE093194.D

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

26.181min (+0.001) 0.06ng/ul m

response 4030

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	5.66#
227.00	10.00	0.00#
0.00	0.00	0.00

SJ 06/21/17

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\

Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED
mohammad
6/15/2017 3:54:14 PM

Quant Time: Jun 15 07:30:13 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2978	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	15613	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	10000	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	22671	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	22535	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	18735m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	5067	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	13615	0.22	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	14.09	152	1003	0.02	ng/ul#	76
12) Phenanthrene	17.14	178	4480	0.07	ng/ul#	89
15) Fluoranthene	19.16	202	10708	0.14	ng/ul	83
17) Pyrene	19.52	202	12135	0.18	ng/ul#	87
18) Benzo(a)anthracene	21.24	228	4562	0.08	ng/ul#	87
19) Chrysene	21.29	228	6342	0.10	ng/ul	90
24) Indeno(1,2,3-cd)pyrene	26.18	276	4030m	0.06	ng/ul	
26) Benzo(g,h,i)perylene	26.96	276	3757	0.07	ng/ul#	73

SJ 06/21/17

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