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

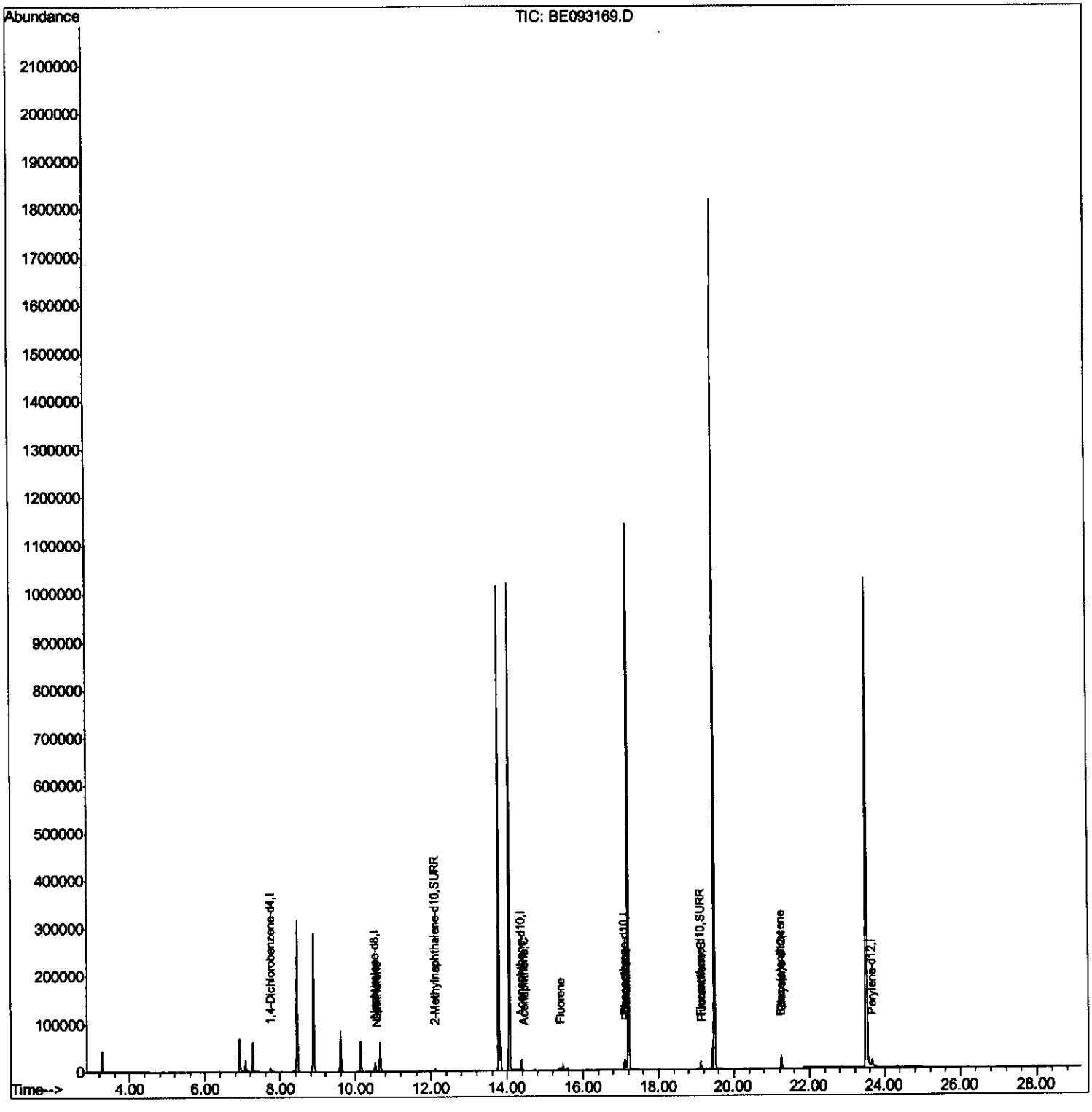
Quantitation Report (QT Reviewed)

Data File : BE093169.D
Acq On : 14 Jun 2017 14:47
Operator : SJ/MA
Sample : I3558-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 15 03:23:50 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 02:27:21 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5E14

Manual Integrations APPROVED
mohammad
6/15/2017 3:53:04 PM



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

Quantitation Report (Qedit)

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Acq On : 14 Jun 2017 14:47
Operator : SJ/MA
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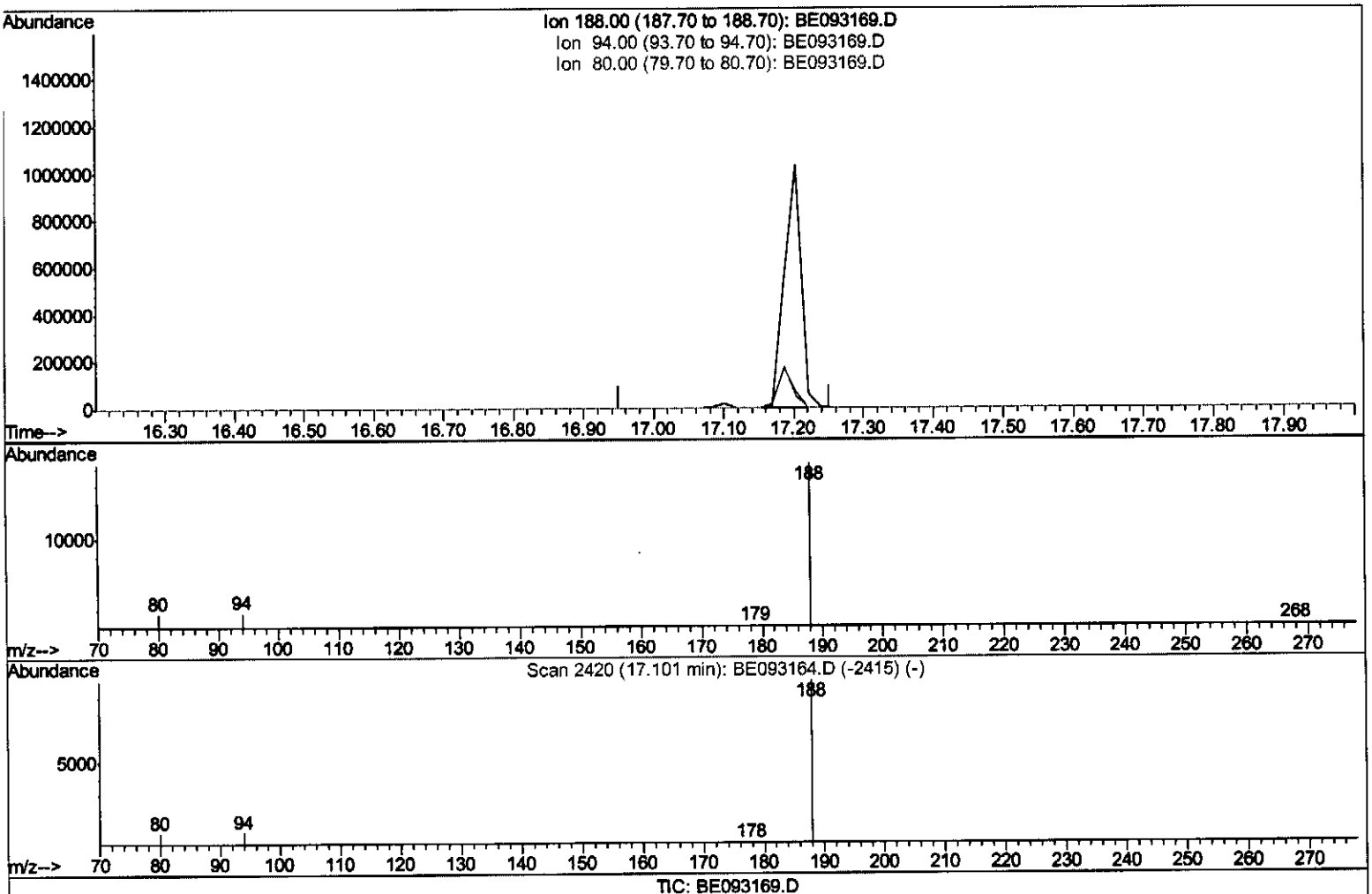
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 15 03:22:08 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 02:27:21 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5E14

Manual Integrations APPROVED
mohammad
6/15/2017 3:53:04 PM



TIC: BE093169.D

(10) Phenanthrene-d10 (I)

17.101min (-17.101) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	11.00	0.00#
80.00	11.80	0.00#
0.00	0.00	0.00

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

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BNA_E
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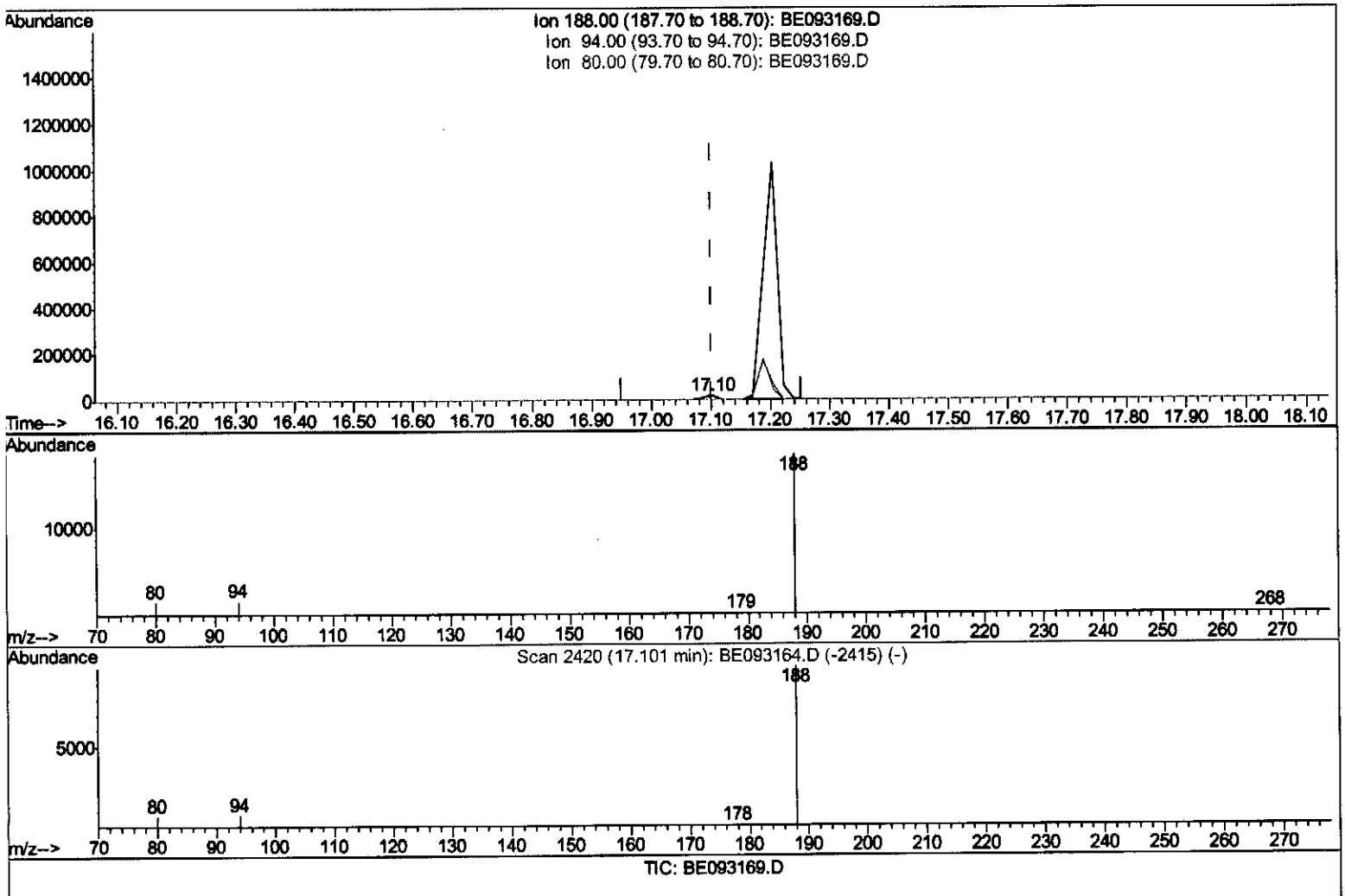
F5E14

Manual Integrations APPROVED
mohammad
6/15/2017 3:53:04 PM



TIC: BE093169.D

(10) Phenanthrene-d10 (I)

17.100min (-0.001) 0.40ng/ul m > SJ 06121117

response 25948

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	8.73#
80.00	11.80	8.33#
0.00	0.00	0.00

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

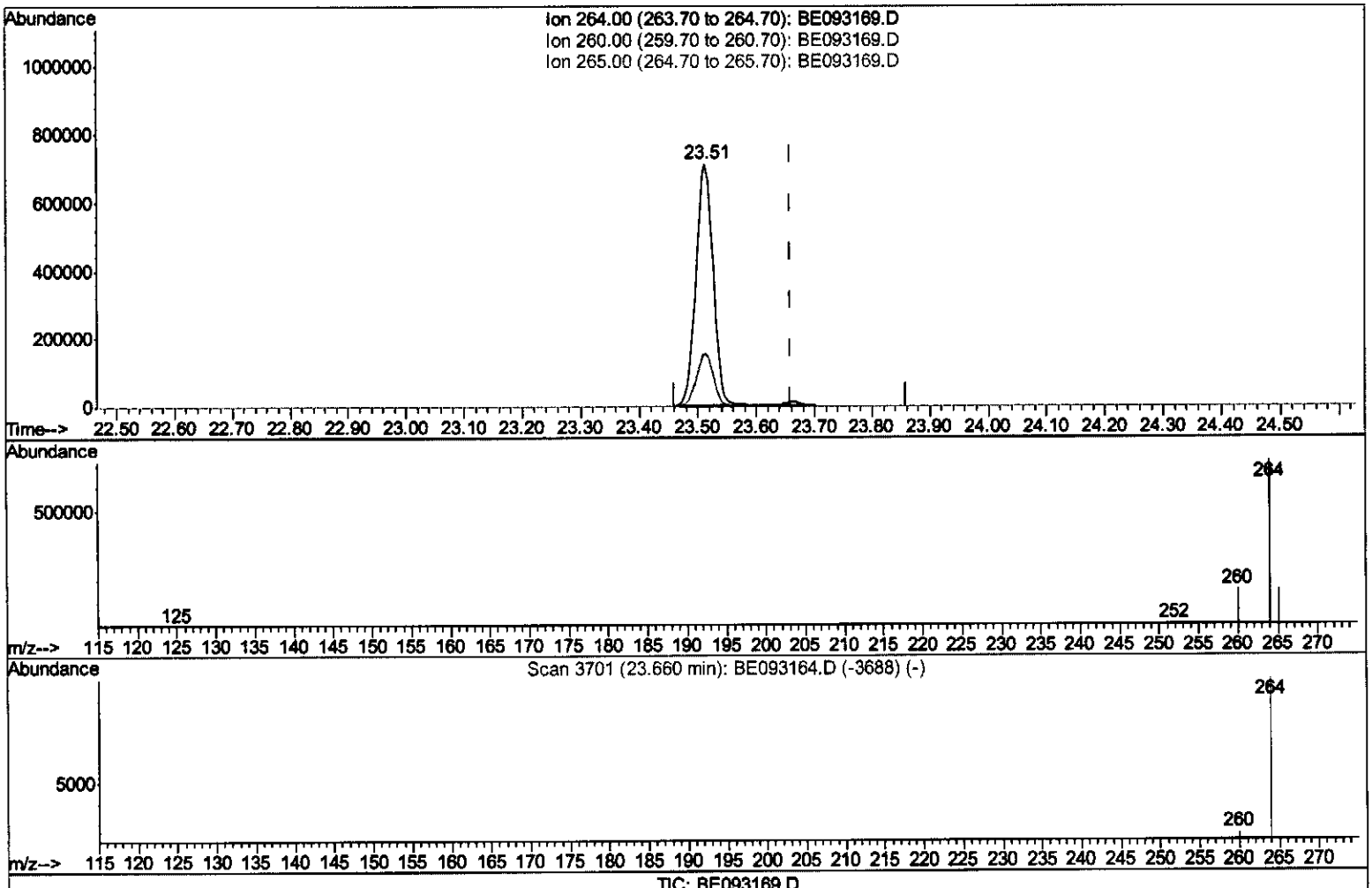
Quantitation Report (Qedit)

Data File : BE093169.D
Acq On : 14 Jun 2017 14:47
Operator : SJ/MA
Sample : I3558-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 15 03:22:08 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 02:27:21 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5E14

Manual Integrations APPROVED
mohammad
6/15/2017 3:53:04 PM



TIC: BE093169.D

(20) Perylene-d12 (I)

23.513min (-0.146) 0.40ng/ul

response 1441151

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	22.02#
265.00	103.50	21.62#
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 : I3558-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 15 03:22:08 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 02:27:21 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5E14

Manual Integrations APPROVED
mohammad
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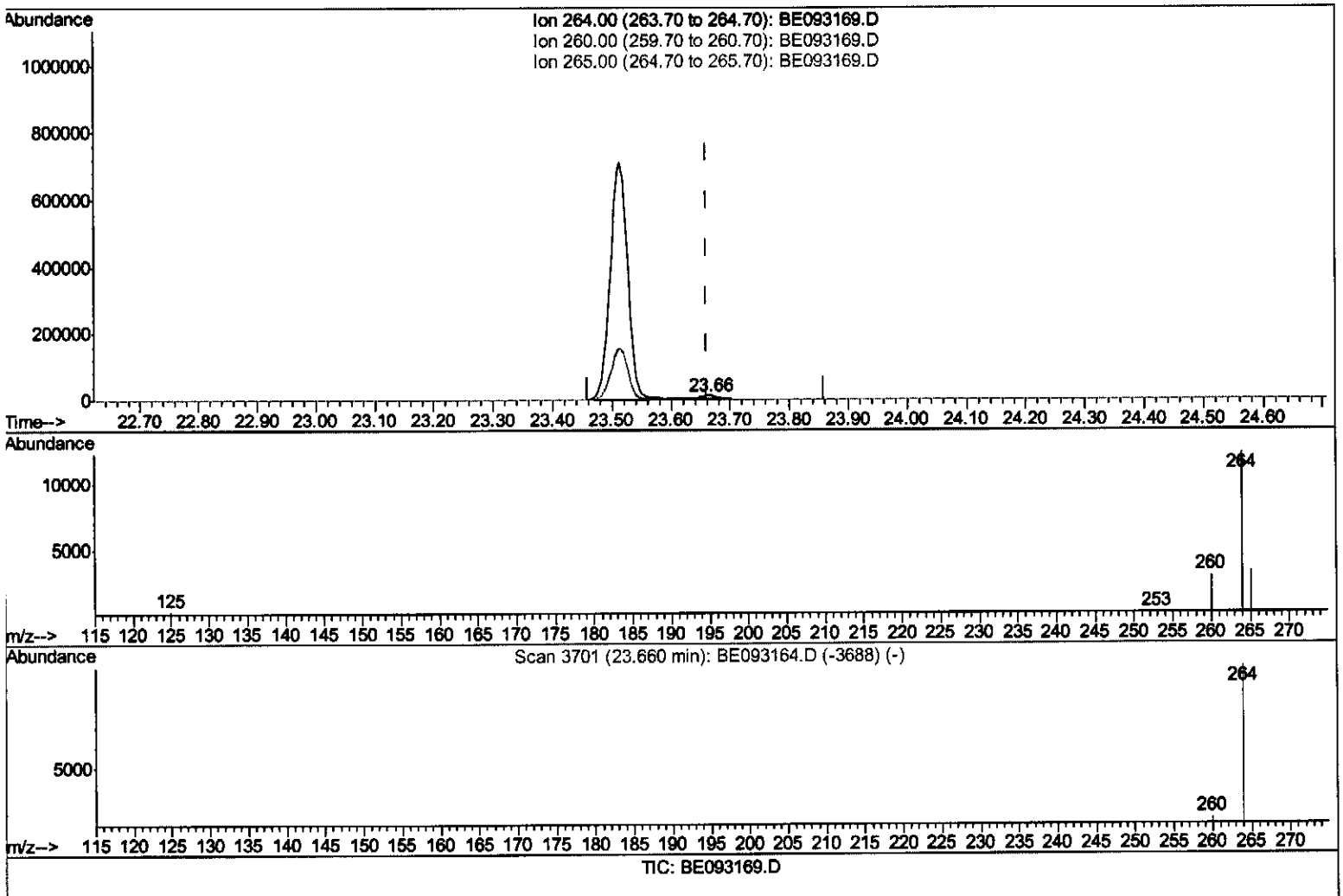

(20) Perylene-d12 (I)

23.664min (+0.004) 0.40ng/ul m > SJ 06121117

response 20606

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	25.03
265.00	103.50	27.15#
0.00	0.00	0.00

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

Quantitation Report (QT Reviewed)

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Operator : SJ/MA
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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Instrument :
BNA_E
ClientSampleId :
F5E14

Manual Integrations APPROVED
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6/15/2017 3:53:04 PM

SJ
06/21/17

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	3849	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	18823	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	11817	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	25948m	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	25623	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	20606m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	7769	0.28	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	19936	0.28	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.57	128	1831	0.04	ng/ul#	91
8) Acenaphthene	14.43	153	1042	0.03	ng/ul	99
9) Fluorene	15.42	166	2473	0.05	ng/ul	92
12) Phenanthrene	17.14	178	11806	0.17	ng/ul#	87
15) Fluoranthene	19.15	202	7217	0.08	ng/ul	84
18) Benzo(a)anthracene	21.24	228	1744	0.03	ng/ul#	88

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