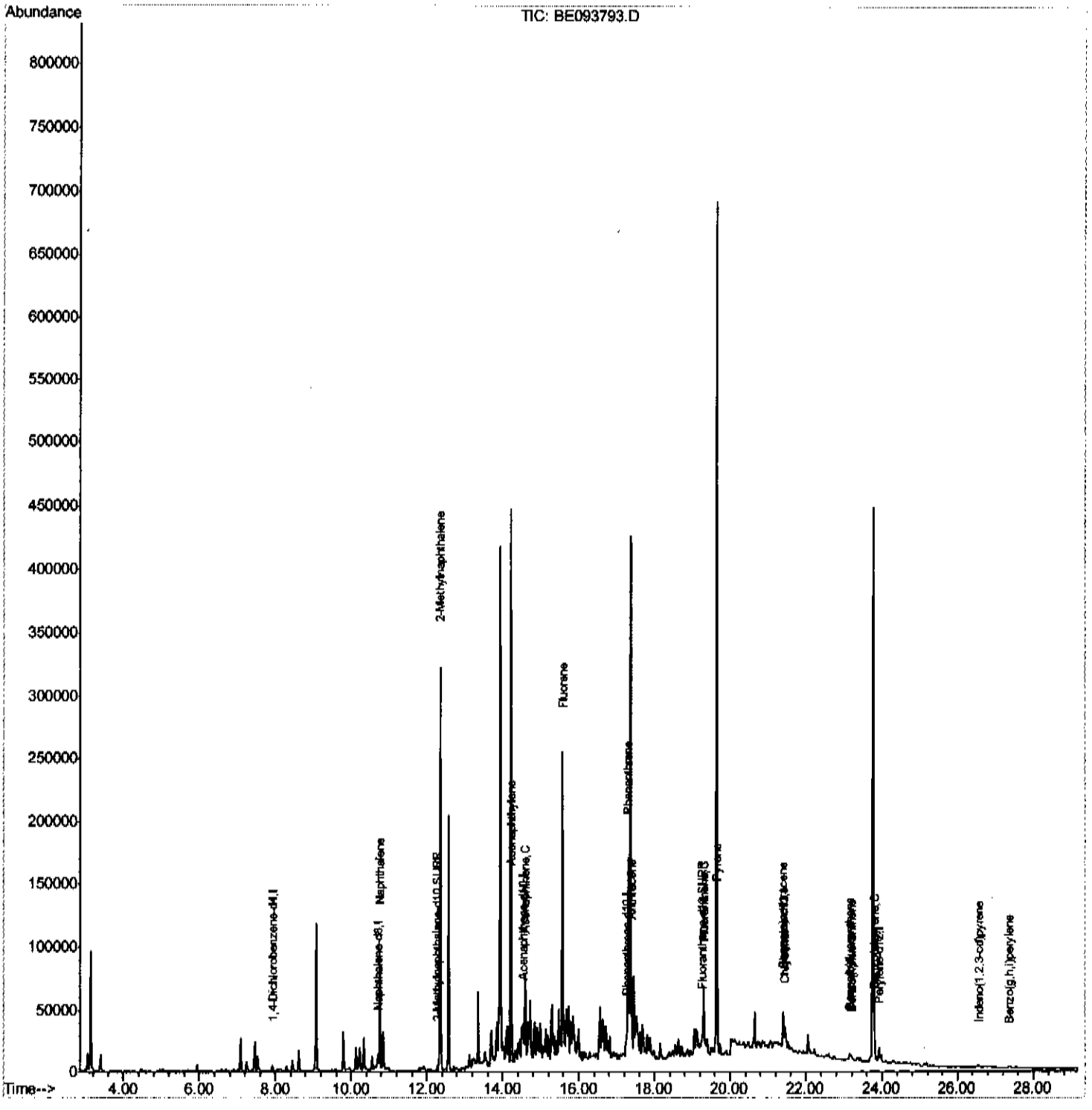
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081417\
Data File : BE093793.D
Acq On : 14 Aug 2017 18:51
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 14 19:29:58 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 14 18:19:53 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
C0AC4

Manual Integrations APPROVED
Sohil
8/15/2017 6:43:27 PM

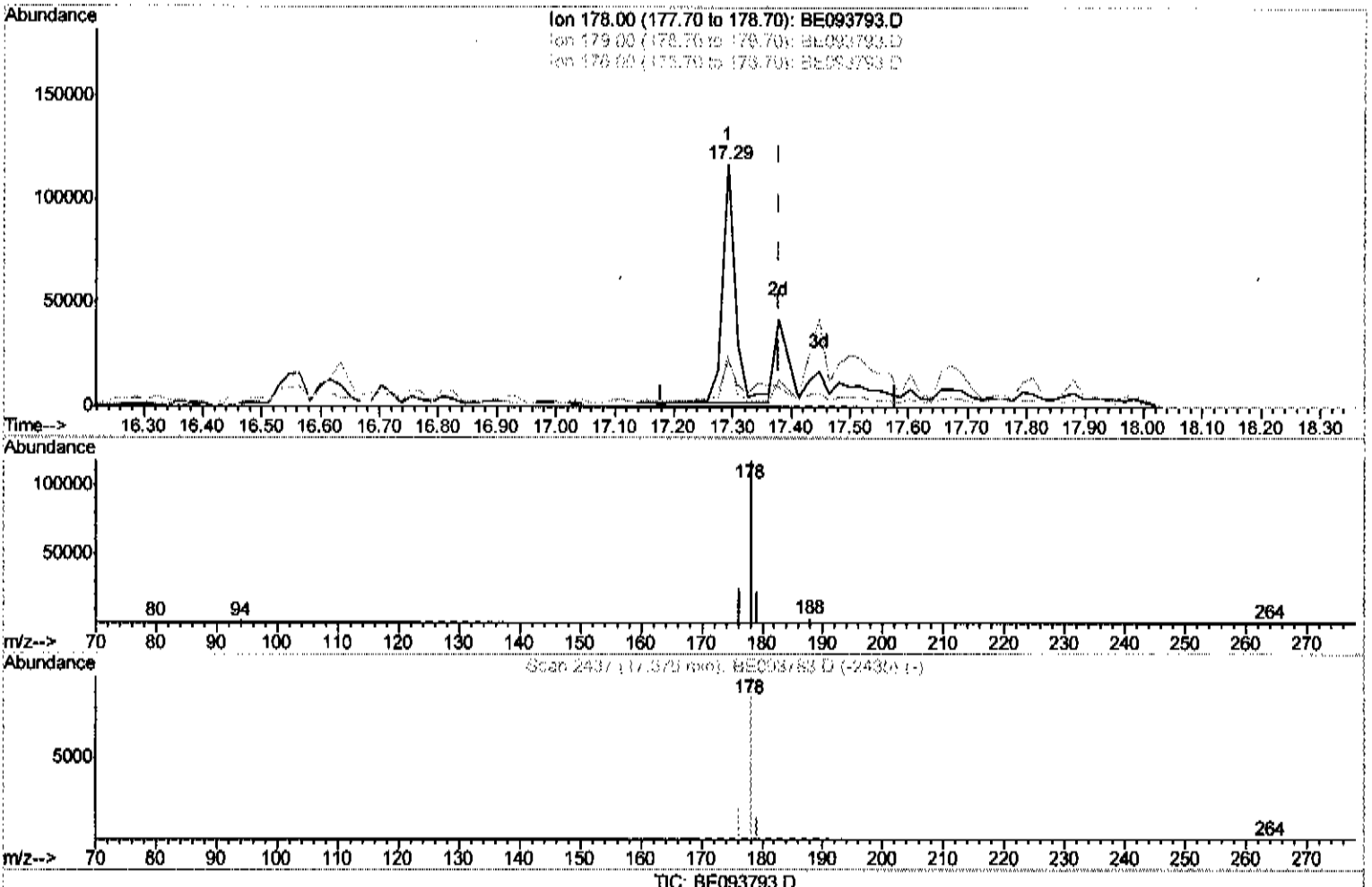


Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081417\
Data File : BE093793.D
Acq On : 14 Aug 2017 18:51
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 14 19:27:36 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 14 18:19:53 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
C0AC4

Manual Integrations APPROVED
Sohil
8/15/2017 6:43:27 PM



TIC: BE093793.D

(13) Anthracene

17.292min (-0.087) 3.48ng/ul

response 178430

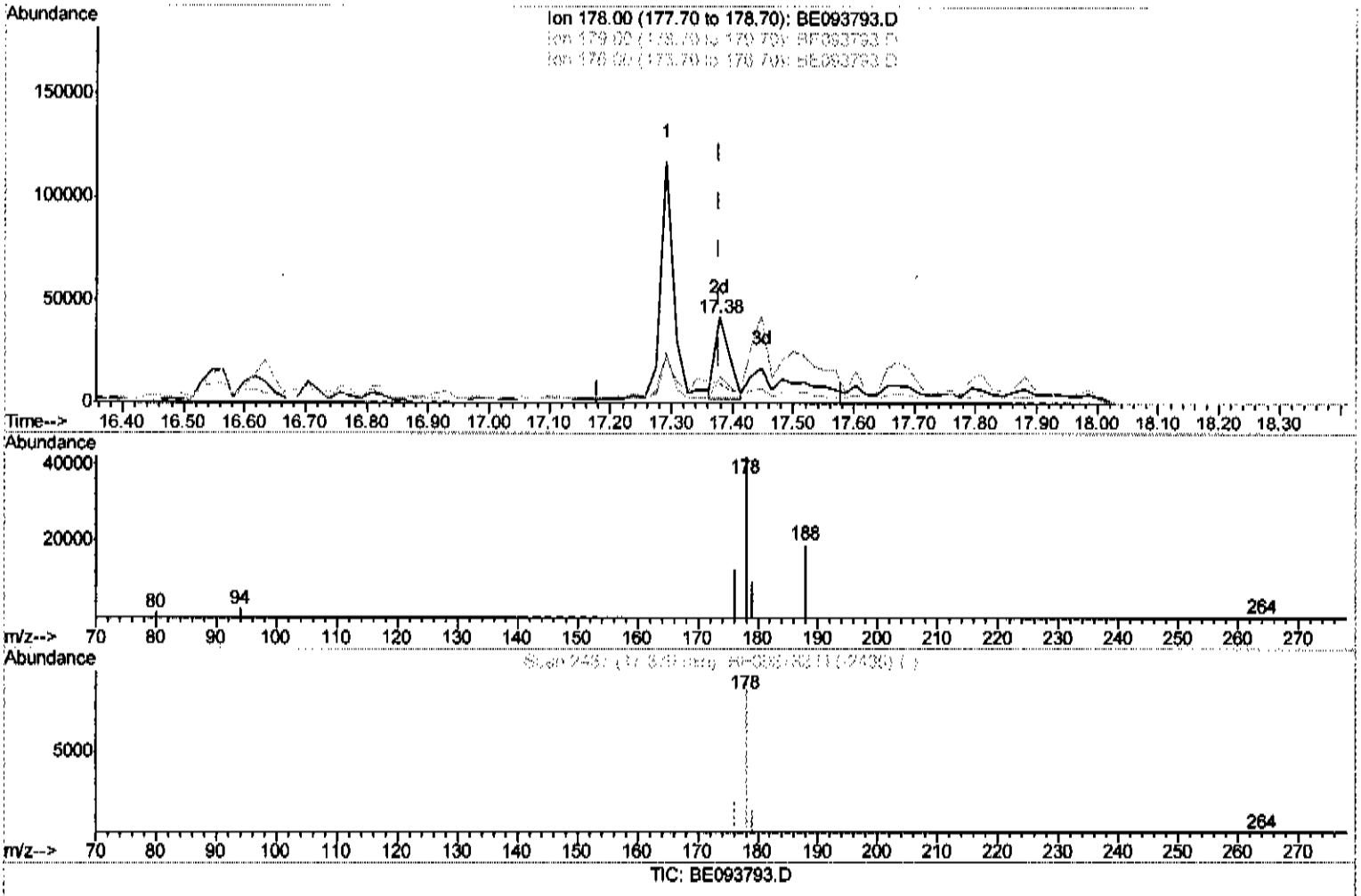
Ion	Exp%	Act%
178.00	100	100
179.00	22.60	18.98
176.00	18.40	21.11
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081417\
Data File : BE093793.D
Acq On : 14 Aug 2017 18:51
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 14 19:27:36 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 14 18:19:53 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
C0AC4

Manual Integrations APPROVED
Sohil
8/15/2017 6:43:27 PM



TIC: BE093793.D

(13) Anthracene

17.378min (-0.000) 1.29ng/ul m JJU 8/15/17

response 66208

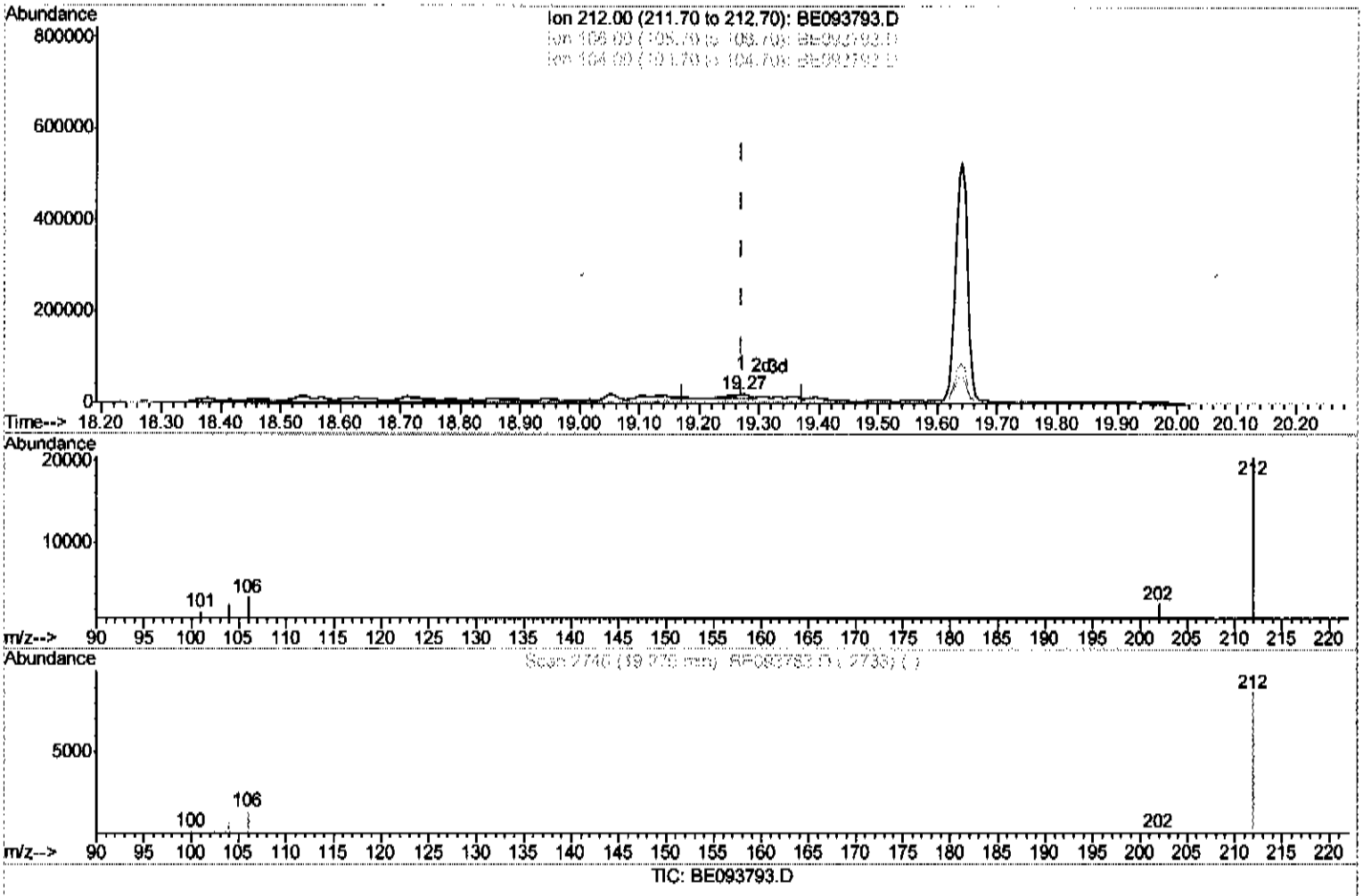
Ion	Exp%	Act%
178.00	100	100
179.00	22.60	22.48
176.00	18.40	29.90#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081417\
Data File : BE093793.D
Acq On : 14 Aug 2017 18:51
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 14 19:27:36 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 14 18:19:53 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
C0AC4

Manual Integrations APPROVED
Sohil
8/15/2017 6:43:27 PM



TIC: BE093793.D

(14) Fluoranthene-d10 (SURR)

19.271min (+0.000) 0.49ng/ul

response 29891

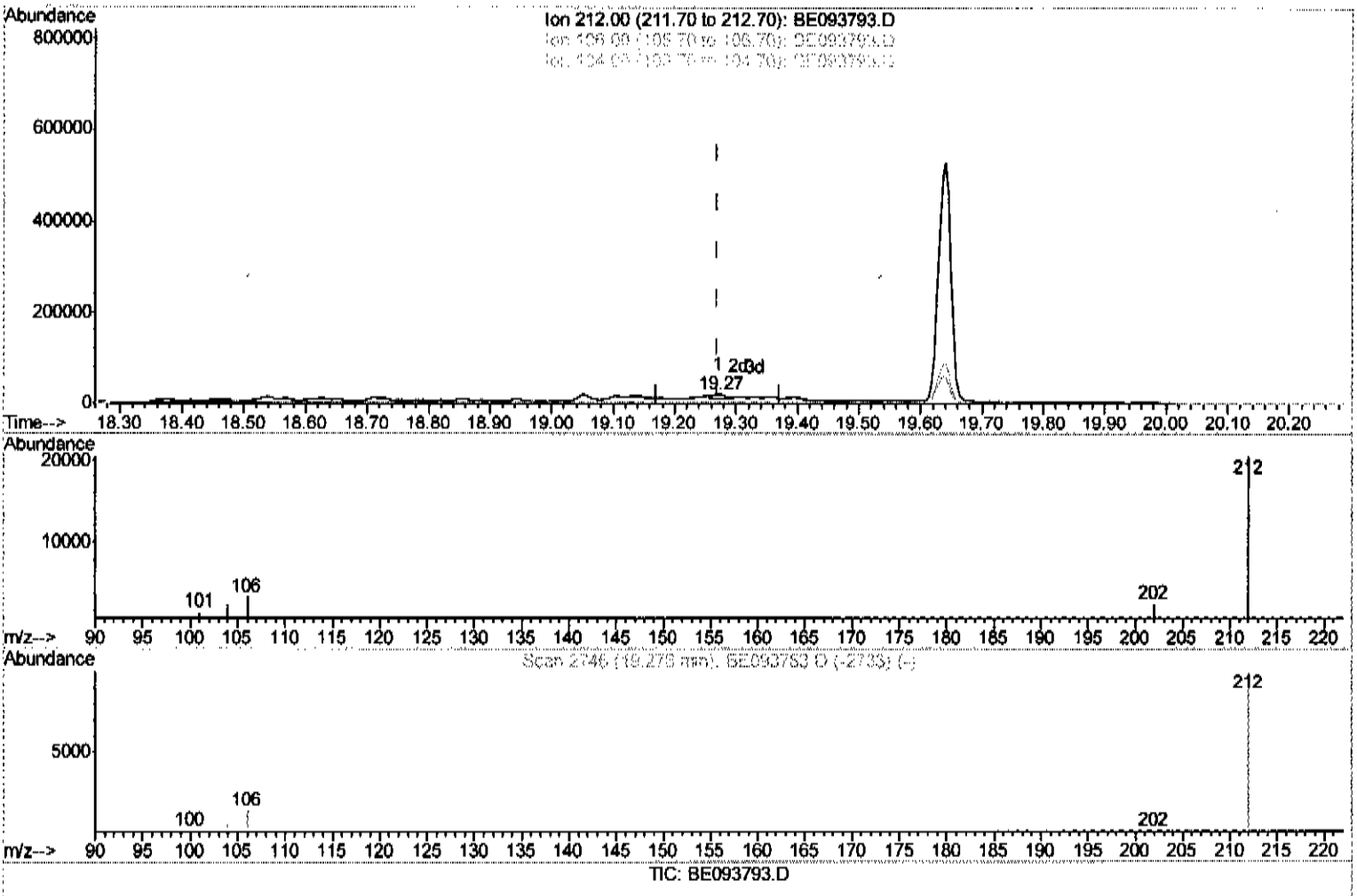
Ion	Exp%	Act%
212.00	100	100
106.00	18.30	18.53
104.00	15.60	6.50#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081417\
Data File : BE093793.D
Acq On : 14 Aug 2017 18:51
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 14 19:27:36 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 14 18:19:53 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
C0AC4

Manual Integrations APPROVED
Sohil
8/15/2017 6:43:27 PM



TIC: BE093793.D

(14) Fluoranthene-d10 (SURR)

19.271min (+0.000) 0.27ng/ul m 8/15/17

response 16246

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	34.09#
104.00	15.60	11.96#
0.00	0.00	0.00

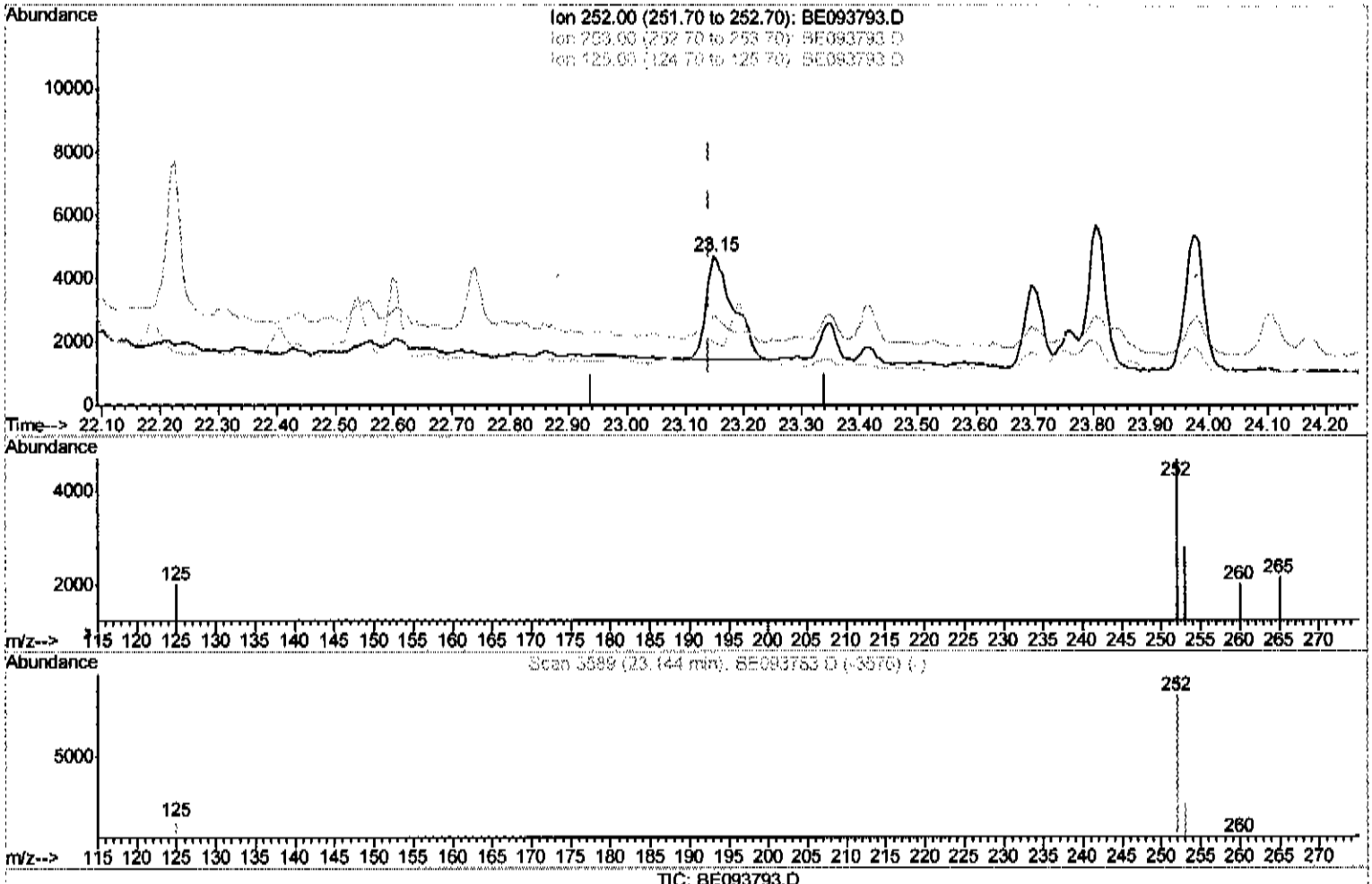
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081417\
Data File : BE093793.D
Acq On : 14 Aug 2017 18:51
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 14 19:27:36 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 14 18:19:53 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
C0AC4

Manual Integrations APPROVED
Sohil
8/15/2017 6:43:27 PM



TIC: BE093793.D

(21) Benzo(b)fluoranthene

23.148min (+0.009) 0.17ng/ul

response 10691

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	60.20
125.00	17.50	42.88#
0.00	0.00	0.00

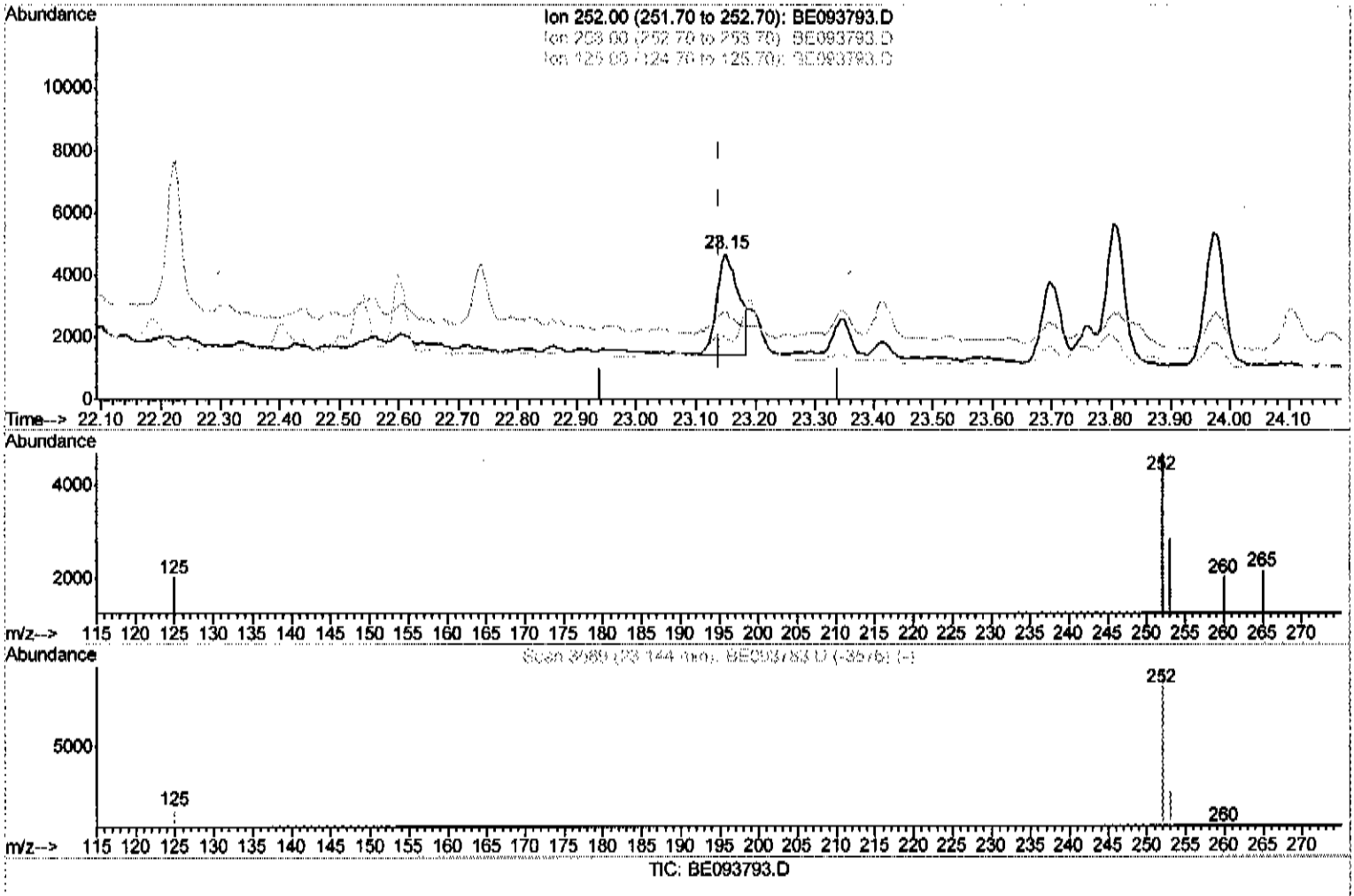
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081417\
Data File : BE093793.D
Acq On : 14 Aug 2017 18:51
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 14 19:27:36 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 14 18:19:53 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
C0AC4

Manual Integrations APPROVED
Sohil
8/15/2017 6:43:27 PM



TIC: BE093793.D

(21) Benzo(b)fluoranthene

23.148min (+0.009) 0.13ng/ul m 8/15/17

response 8560

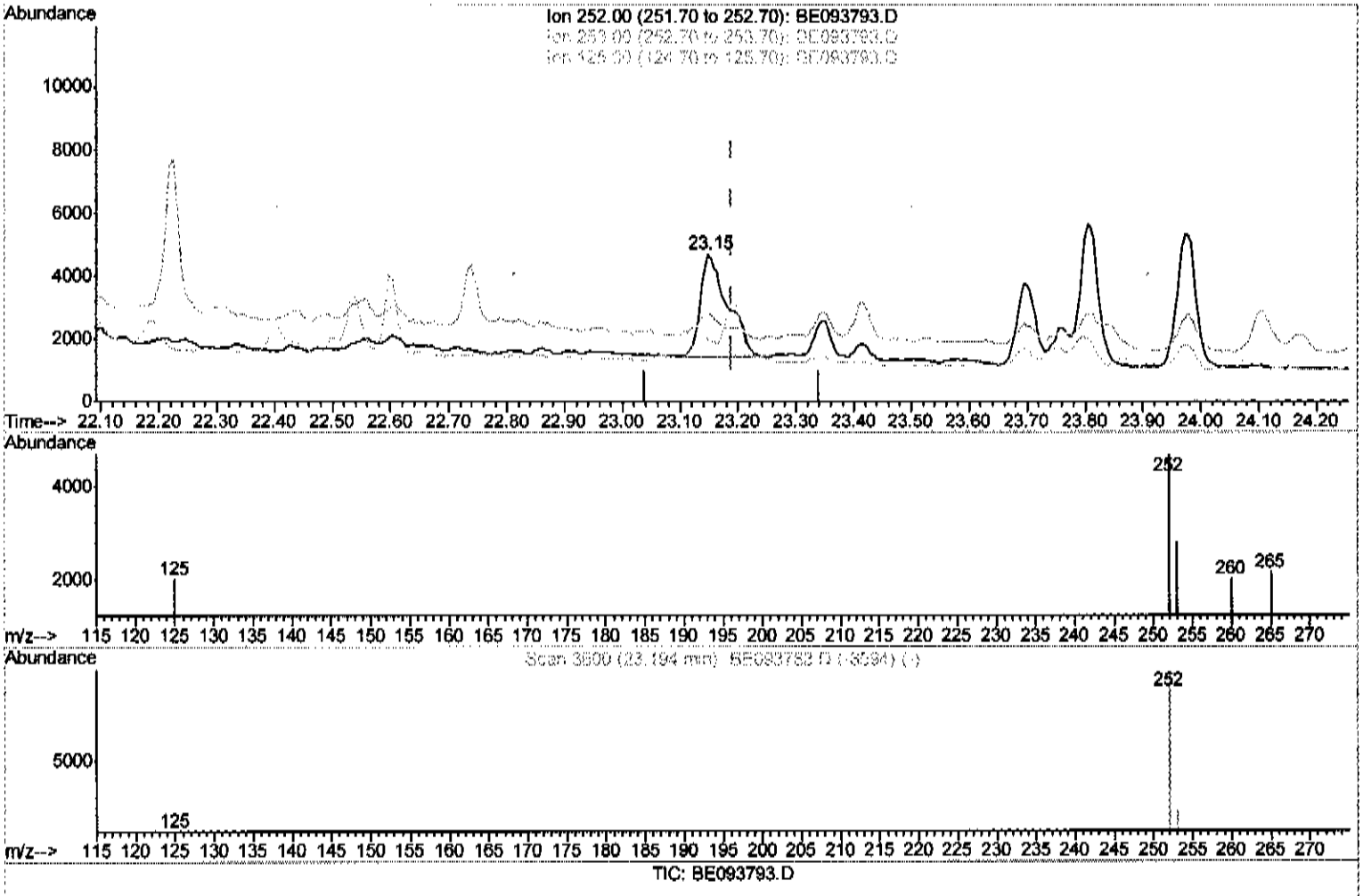
Ion	Exp%	Act%
252.00	100	100
253.00	32.10	60.20
125.00	17.50	42.88#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081417\
Data File : BE093793.D
Acq On : 14 Aug 2017 18:51
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 14 19:27:36 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 14 18:19:53 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
C0AC4

Manual Integrations APPROVED
Sohil
8/15/2017 6:43:27 PM



TIC: BE093793.D

(22) Benzo(k)fluoranthene

23.148min (-0.041) 0.17ng/ul

response 10691

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	60.20#
125.00	17.10	42.88#
0.00	0.00	0.00

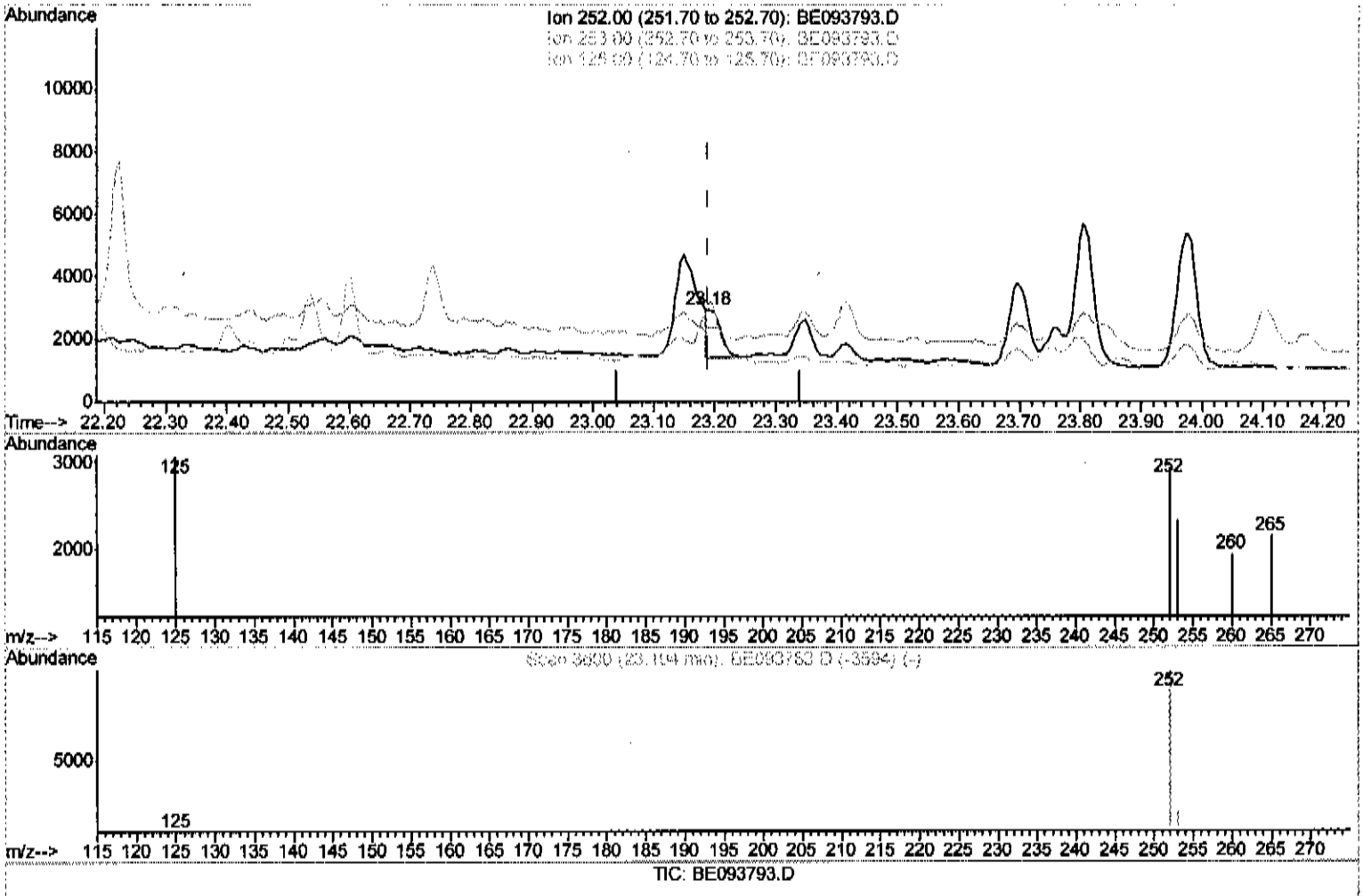
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081417\
Data File : BE093793.D
Acq On : 14 Aug 2017 18:51
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 14 19:27:36 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 14 18:19:53 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
C0AC4

Manual Integrations APPROVED
Sohil
8/15/2017 6:43:27 PM



TIC: BE093793.D

(22) Benzo(k)fluoranthene

23.185min (-0.005) 0.04ng/ul m JJU 8/15/17

response 2286

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	79.49#
125.00	17.10	104.72#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081417\
Data File : BE093793.D
Acq On : 14 Aug 2017 18:51
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 14 19:29:58 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 14 18:19:53 2017
Response via : Initial Calibration

Instrument : BNA_E
ClientSampleId : C0AC4

Manual Integrations APPROVED
Sohil
8/15/2017 6:43:27 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2732	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	14029	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	10842	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	19320	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	19971	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	20582	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	5778	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	16246m	0.27	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.75	128	144970	4.248	ng/ul#	93
5) 2-Methylnaphthalene	12.36	142	274063	11.010	ng/ul	99
7) Acenaphthylene	14.24	152	13028	0.287	ng/ul#	47
8) Acenaphthene	14.59	153	27691	0.776	ng/ul	96
9) Fluorene	15.57	166	156861	3.478	ng/ul	95
12) Phenanthrene	17.29	178	182133	3.462	ng/ul#	91
13) Anthracene	17.38	178	66208m	1.292	ng/ul	82
15) Fluoranthene	19.30	202	48501	0.737	ng/ul	82
17) Pyrene	19.67	202	74776	1.283	ng/ul#	85
18) Benzo(a)anthracene	21.39	228	19857	0.343	ng/ul#	48
19) Chrysene	21.45	228	17478	0.315	ng/ul#	45
21) Benzo(b)fluoranthene	23.15	252	8560m	0.134	ng/ul	
22) Benzo(k)fluoranthene	23.18	252	2286m	0.036	ng/ul	
23) Benzo(a)pyrene	23.80	252	10087	0.167	ng/ul#	75
24) Indeno(1,2,3-cd)pyrene	26.56	276	3681	0.055	ng/ul#	85
26) Benzo(g,h,i)perylene	27.38	276	3277	0.058	ng/ul#	47

SJ Ju - 8/15/17

SJ Ju - 8/15/17

SJ Ju - 8/15/17

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