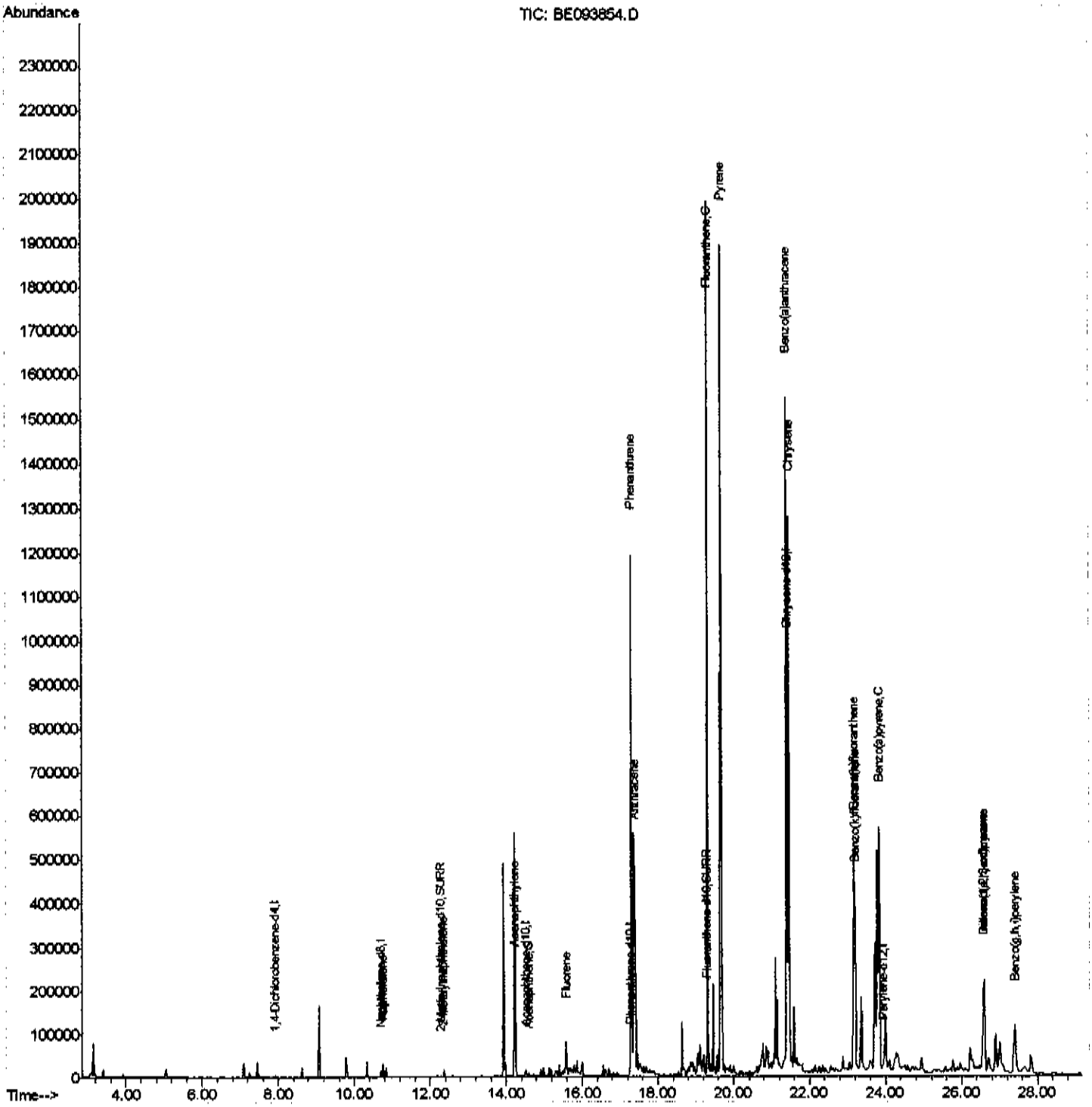
Instrument :
BNA_E
ClientSampleId :
C0AH9

Manual Integrations APPROVED
Sohil
8/17/2017 5:59:50 PM

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
Data File : BE093854.D
Acq On : 16 Aug 2017 23:47
Operator : SJ/JU
Sample : I4672-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 17 04:45:37 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 17 02:52:40 2017
Response via : Initial Calibration



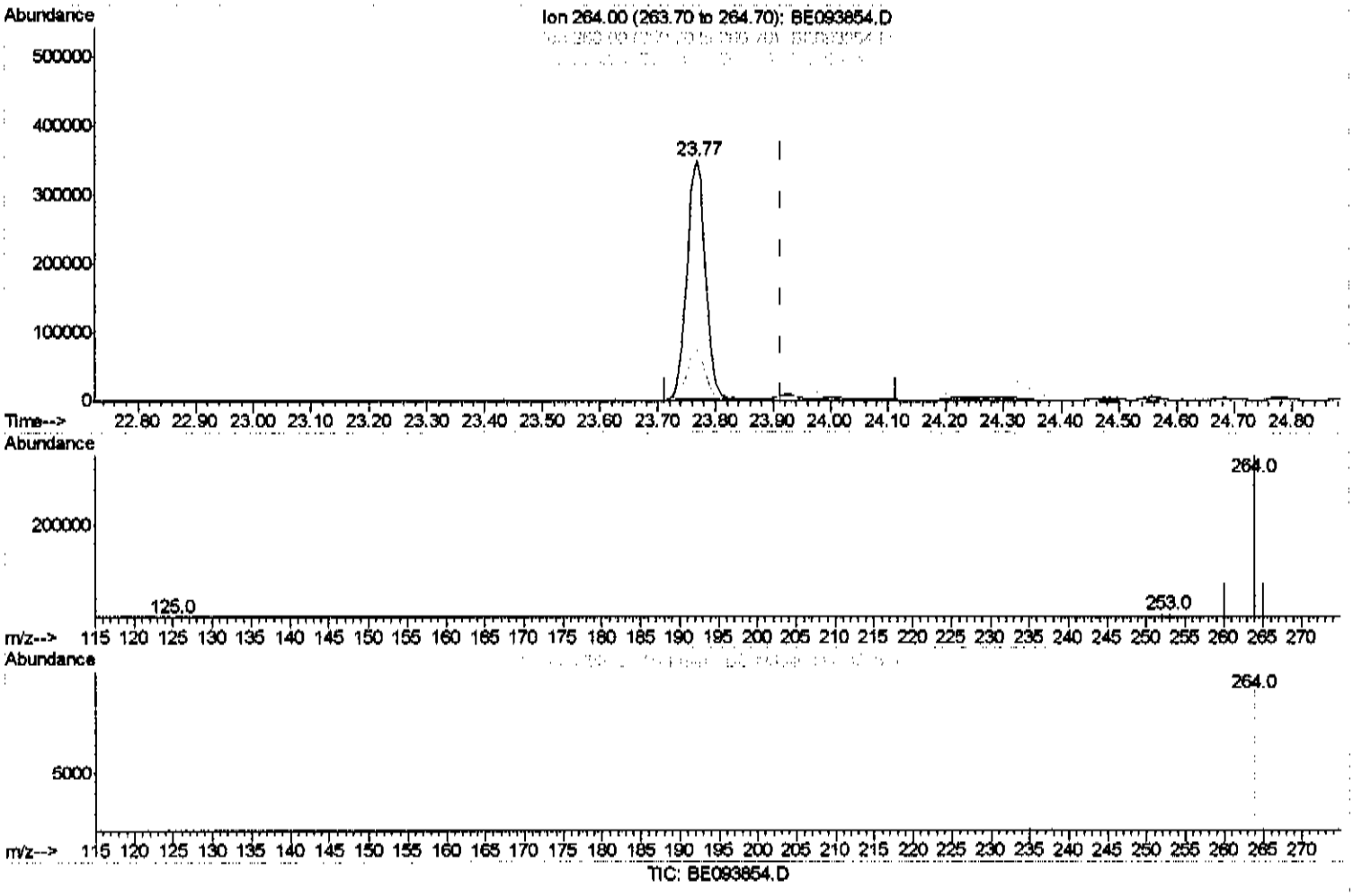
Instrument :
BNA_E
ClientSampleId :
C0AH9

Manual Integrations APPROVED
Sohil
8/17/2017 5:59:50 PM

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
Data File : BE093854.D
Acq On : 16 Aug 2017 23:47
Operator : SJ/JU
Sample : I4672-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 17 03:07:24 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 17 02:52:40 2017
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.768min (-0.146) 0.40ng/ul

response 762122

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.36#
265.00	103.50	22.03#
0.00	0.00	0.00

Instrument :
BNA_E
ClientSampleId :
C0AH9

Manual Integrations APPROVED
Sohil
8/17/2017 5:59:50 PM

Quantitation Report (Qedit)

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Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 17 03:07:24 2017
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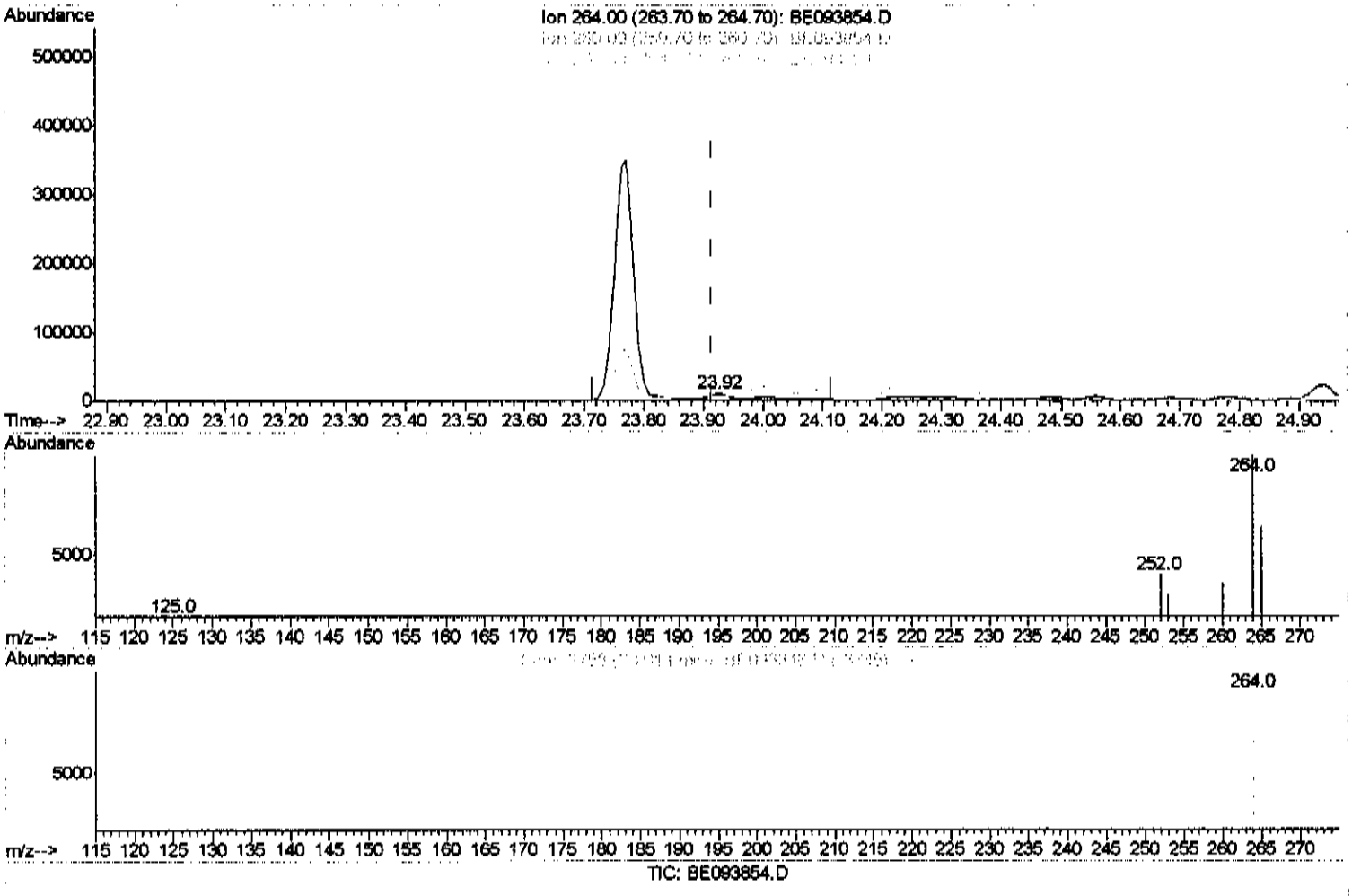
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 17 02:52:40 2017
Response via : Initial Calibration



TIC: BE093854.D

(20) Perylene-d12 (I)

23.923min (+0.009) 0.40ng/ul m 8/17/17

response 16920

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	35.68
265.00	103.50	64.08#
0.00	0.00	0.00

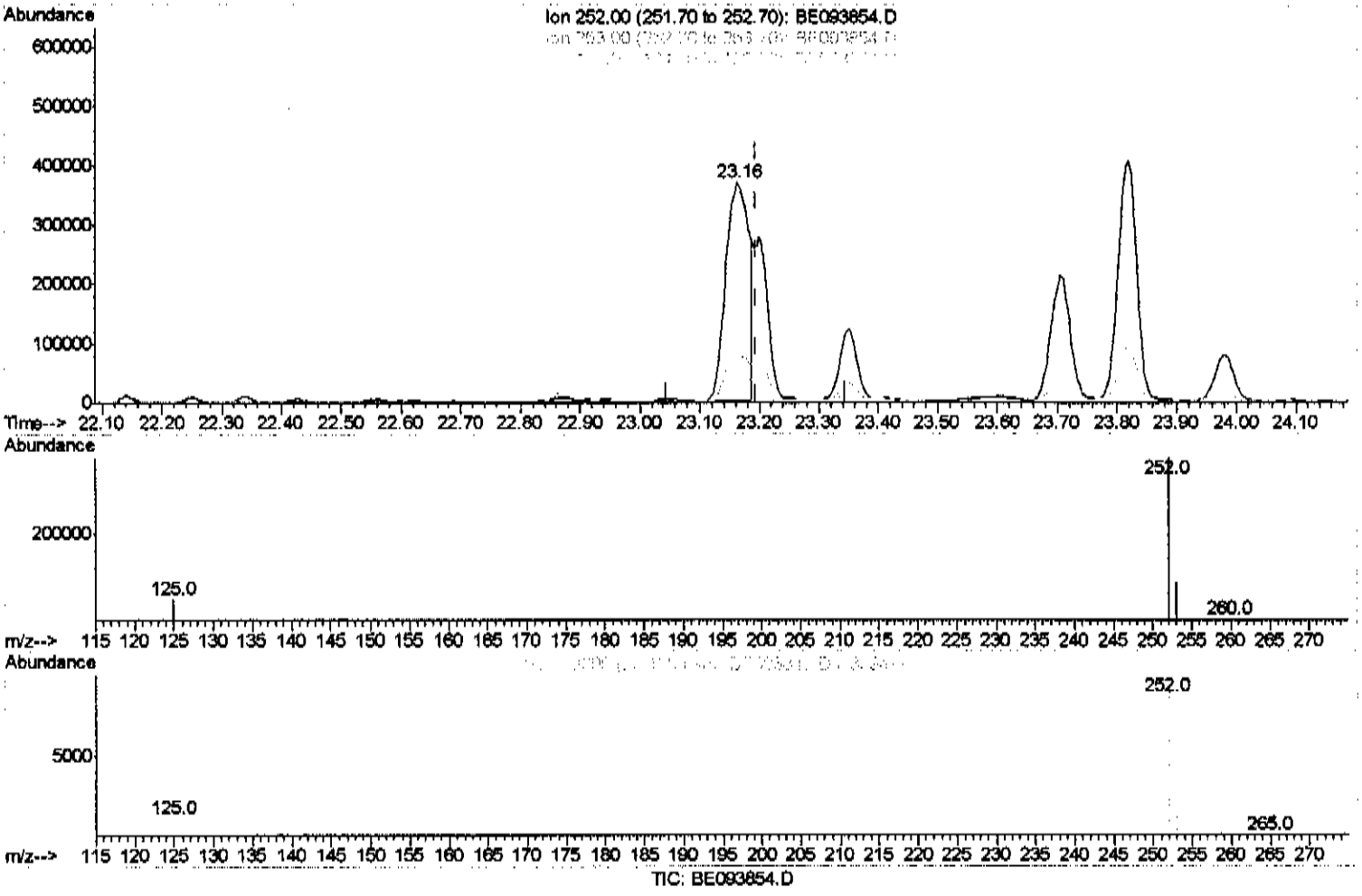
Instrument :
BNA_E
ClientSampleId :
C0AH9

Manual Integrations APPROVED
Sohil
8/17/2017 5:59:50 PM

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
Data File : BE093854.D
Acq On : 16 Aug 2017 23:47
Operator : SJ/JU
Sample : I4672-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 17 04:41:45 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 17 02:52:40 2017
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.163min (-0.032) 18.82ng/ul

response 971560

Ion	Exp%	Act%
252.00	100	100
253.00	30.80	23.20#
125.00	17.10	12.89#
0.00	0.00	0.00

Instrument :
BNA_E
ClientSampleId :
C0AH9

Manual Integrations APPROVED
Sohil
8/17/2017 5:59:50 PM

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
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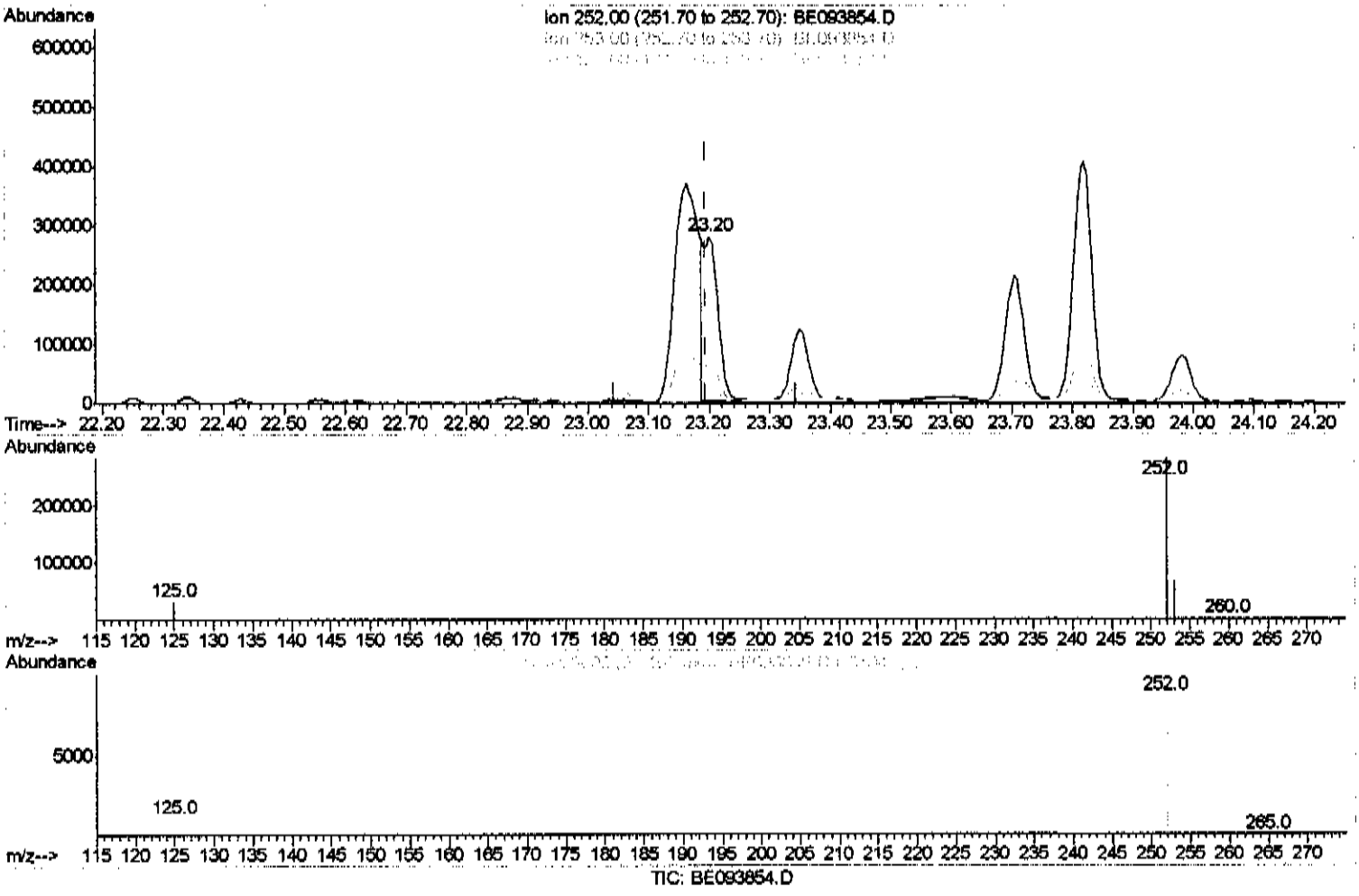
Operator : SJ/JU
Sample : I4672-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 17 04:41:45 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 17 02:52:40 2017
Response via : Initial Calibration



TIC: BE093854.D

(22) Benzo(k)fluoranthene

23.199min (+0.004) 9.24ng/ul m 8/17/17

response 476994

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	24.50
125.00	17.10	12.13#
0.00	0.00	0.00

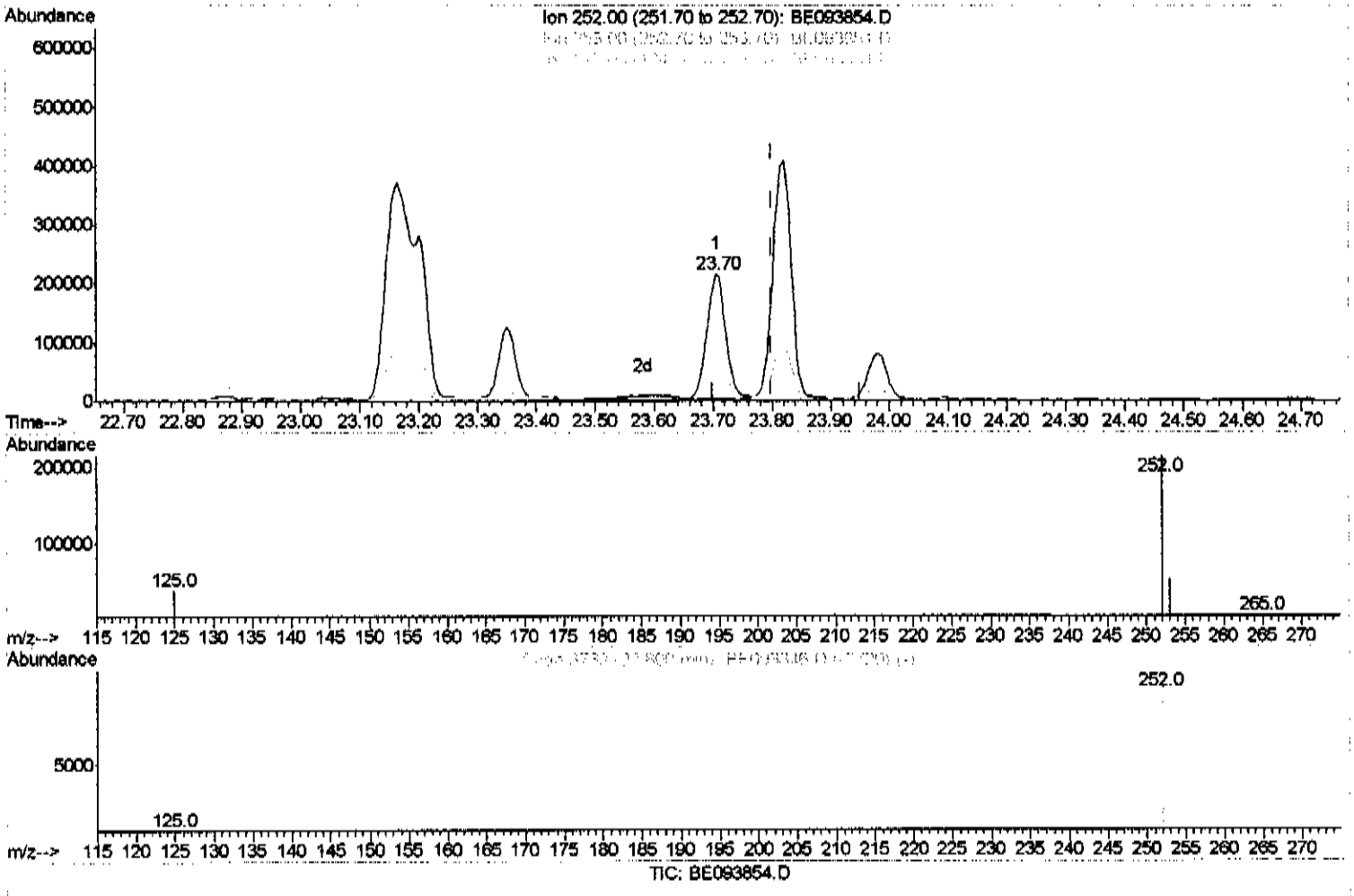
Instrument :
BNA_E
ClientSampleId :
C0AH9

Manual Integrations APPROVED
Sohil
8/17/2017 5:59:50 PM

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
Data File : BE093854.D
Acq On : 16 Aug 2017 23:47
Operator : SJ/JU
Sample : I4672-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 17 04:41:45 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 17 02:52:40 2017
Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.704min (-0.096) 9.47ng/ul

response 471449

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	24.05#
125.00	22.60	16.92#
0.00	0.00	0.00

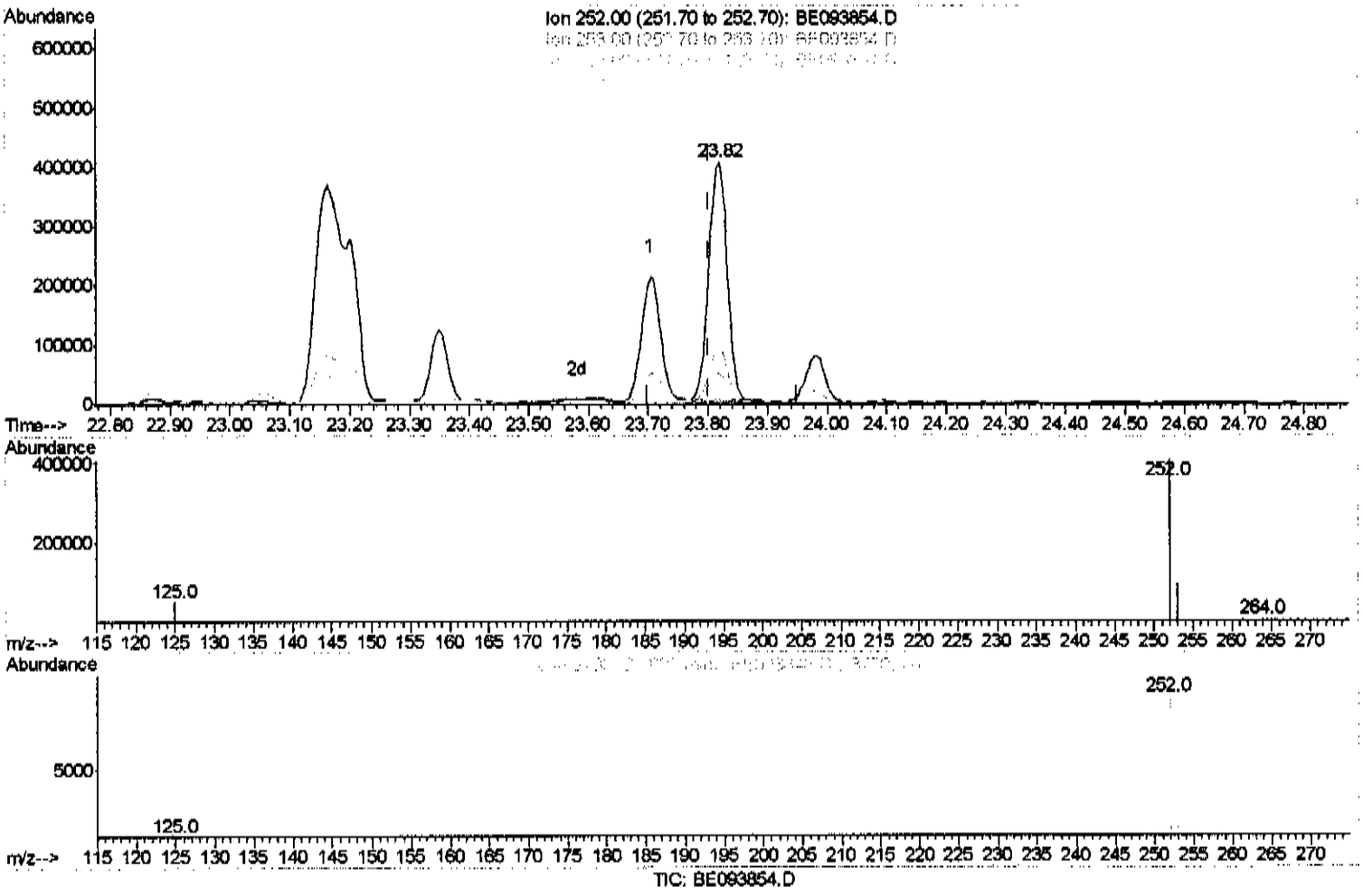
Instrument :
BNA_E
ClientSampleId :
C0AH9

Manual Integrations APPROVED
Sohil
8/17/2017 5:59:50 PM

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
Data File : BE093854.D
Acq On : 16 Aug 2017 23:47
Operator : SJ/JU
Sample : I4672-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 17 04:41:45 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 17 02:52:40 2017
Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.818min (+0.018) 17.39ng/ul m

response 865759

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	23.60#
125.00	22.60	12.79#
0.00	0.00	0.00

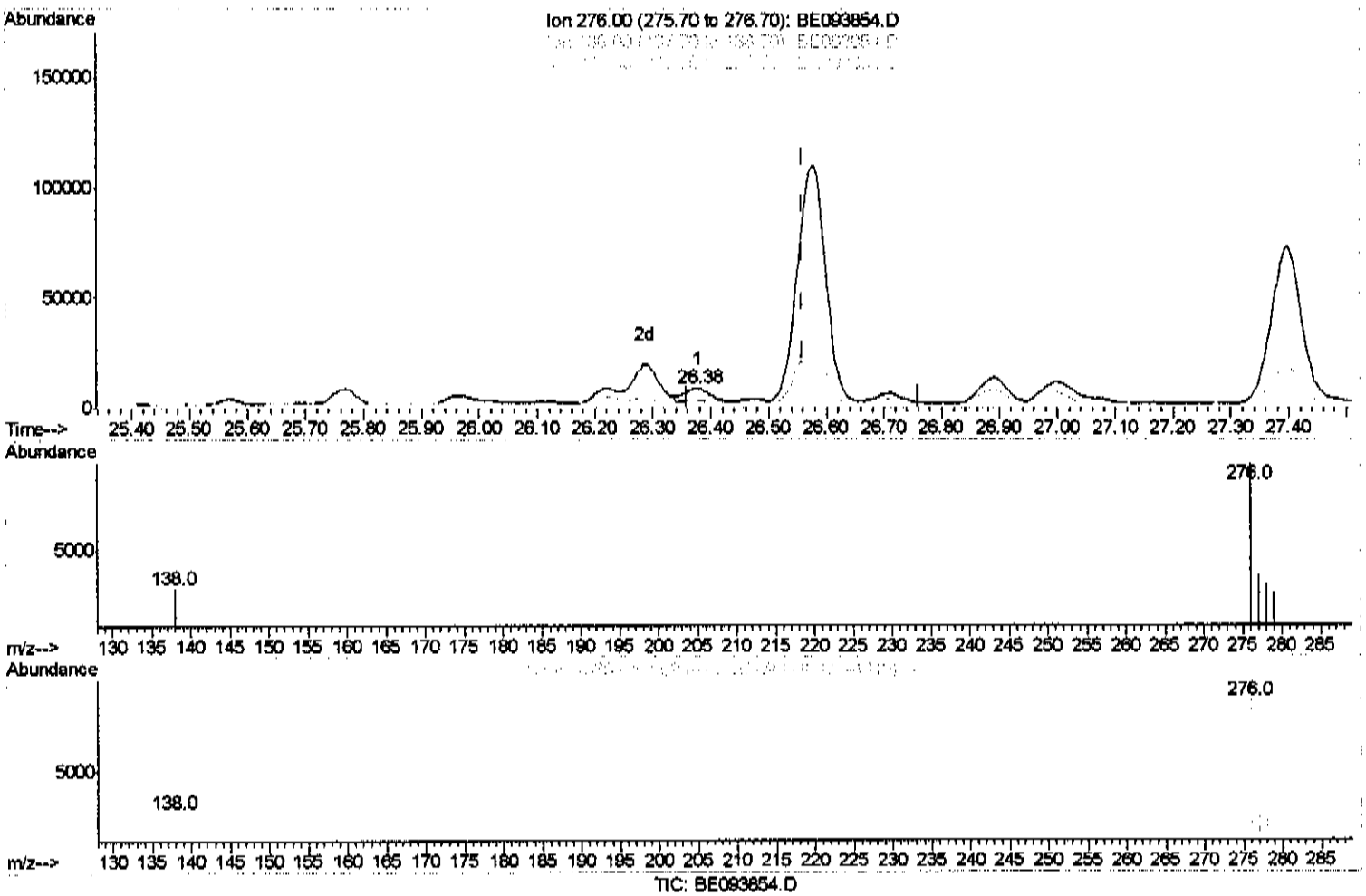
Instrument :
BNA_E
ClientSampleId :
C0AH9

Manual Integrations APPROVED
Sohil
8/17/2017 5:59:50 PM

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
Data File : BE093854.D
Acq On : 16 Aug 2017 23:47
Operator : SJ/JU
Sample : I4672-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 17 04:41:45 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 17 02:52:40 2017
Response via : Initial Calibration



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

26.378min (-0.181) 0.32ng/ul

response 17488

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	23.32#
227.00	10.00	0.00#
0.00	0.00	0.00

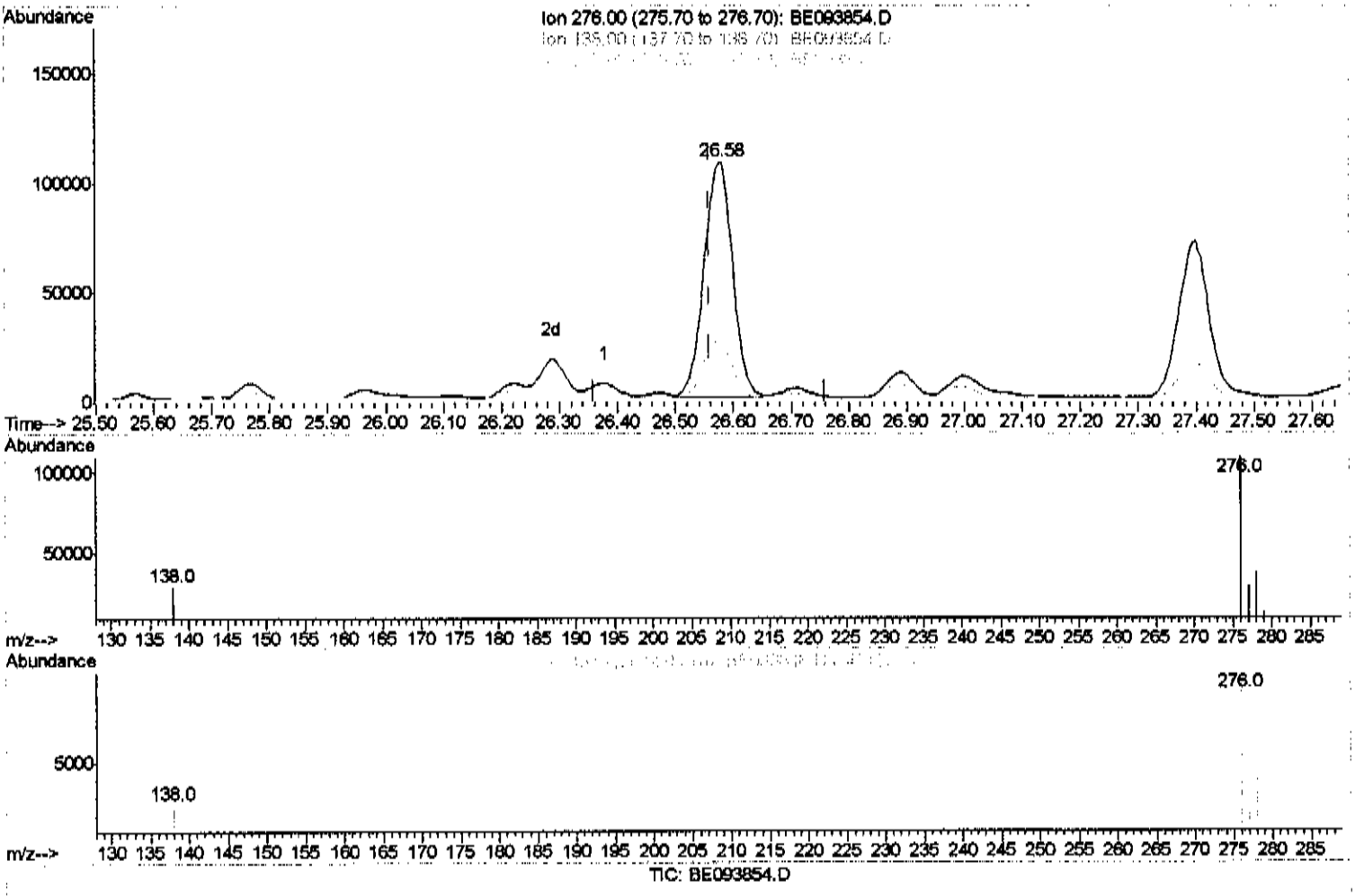
Instrument :
BNA_E
ClientSampleId :
C0AH9

Manual Integrations APPROVED
Sohil
8/17/2017 5:59:50 PM

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
Data File : BE093854.D
Acq On : 16 Aug 2017 23:47
Operator : SJ/JU
Sample : I4672-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 17 04:41:45 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 17 02:52:40 2017
Response via : Initial Calibration



TIC: BE093854.D

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

26.578min (+0.019) 6.68ng/ul m JAS 8/17/17

response 367168

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	1.11#
227.00	10.00	0.00#
0.00	0.00	0.00

Instrument :
BNA_E
ClientSampleId :
C0AH9

Manual Integrations APPROVED
Sohil
8/17/2017 5:59:50 PM

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
Data File : BE093854.D
Acq On : 16 Aug 2017 23:47
Operator : SJ/JU
Sample : I4672-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 17 04:41:45 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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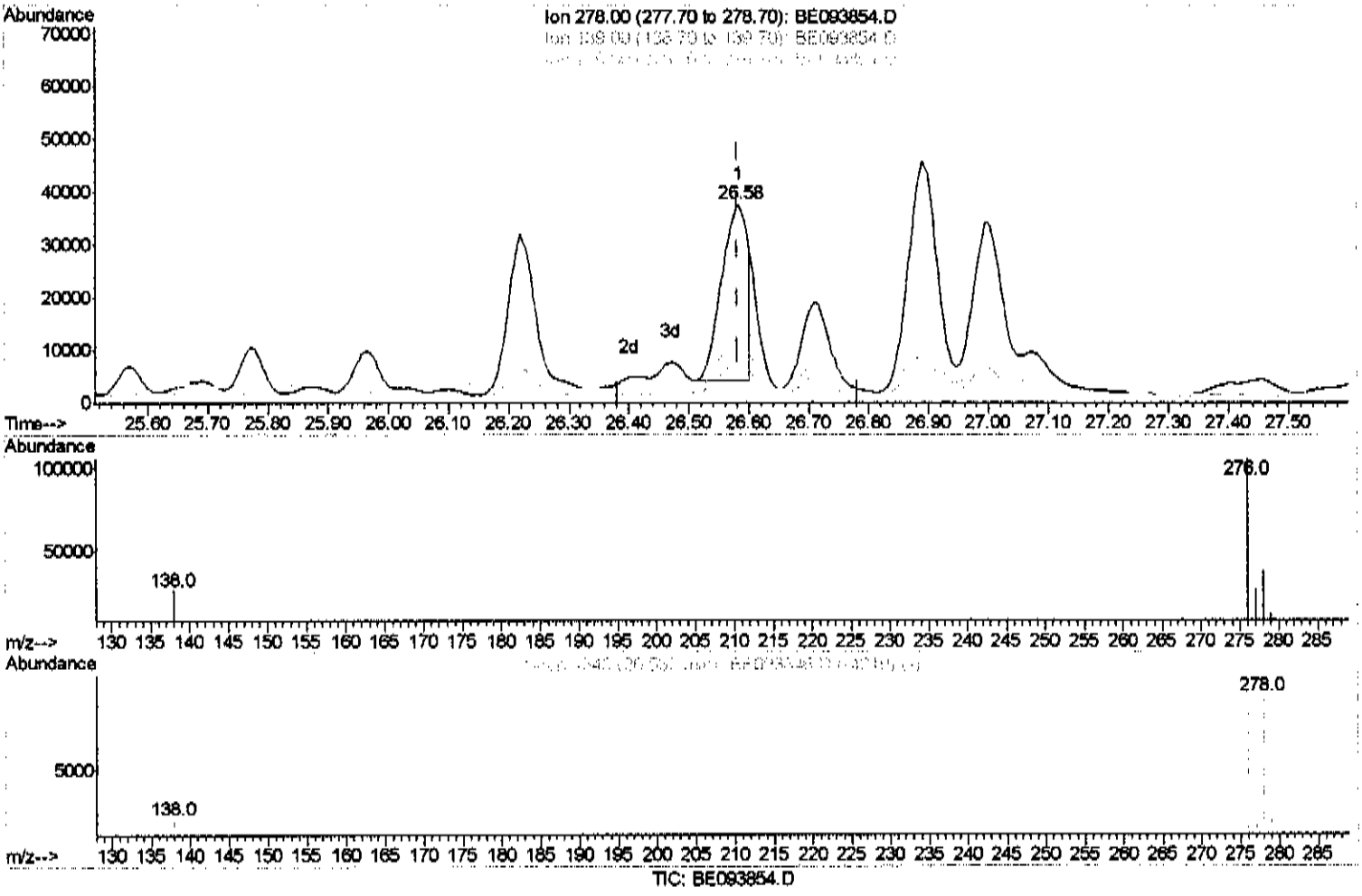
Response via : Initial Calibration



TIC: BE093854.D

(25) Dibenzo(a,h)anthracene

26.583min (+0.001) 2.25ng/ul

response 103169

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	21.06
279.00	32.40	32.12
0.00	0.00	0.00

Instrument :
BNA_E
ClientSampleId :
C0AH9

Manual Integrations APPROVED
Sohil
8/17/2017 5:59:50 PM

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
Data File : BE093854.D
Acq On : 16 Aug 2017 23:47
Operator : SJ/JU
Sample : I4672-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 17 04:41:45 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
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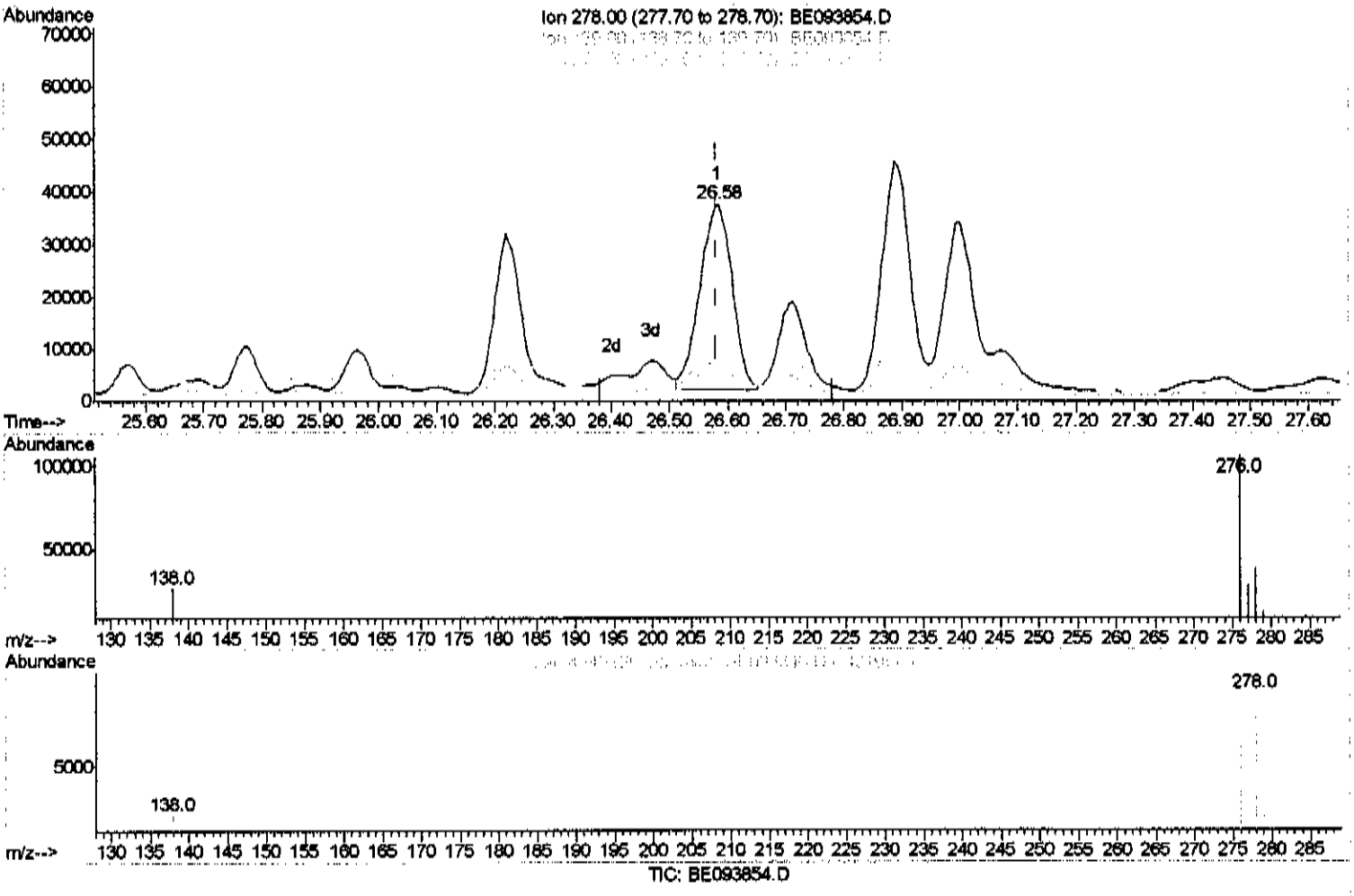
QLast Update : Thu Aug 17 02:52:40 2017
Response via : Initial Calibration



TIC: BE093854.D

(25) Dibenzo(a,h)anthracene

26.583min (+0.001) 2.98ng/ul m

response 136693

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	21.06
279.00	32.40	32.12
0.00	0.00	0.00

Instrument :
BNA_E
ClientSampleId :
C0AH9

Manual Integrations APPROVED
Sohil
8/17/2017 5:59:50 PM

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
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Operator : SJ/JU
Sample : I4672-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 17 04:41:45 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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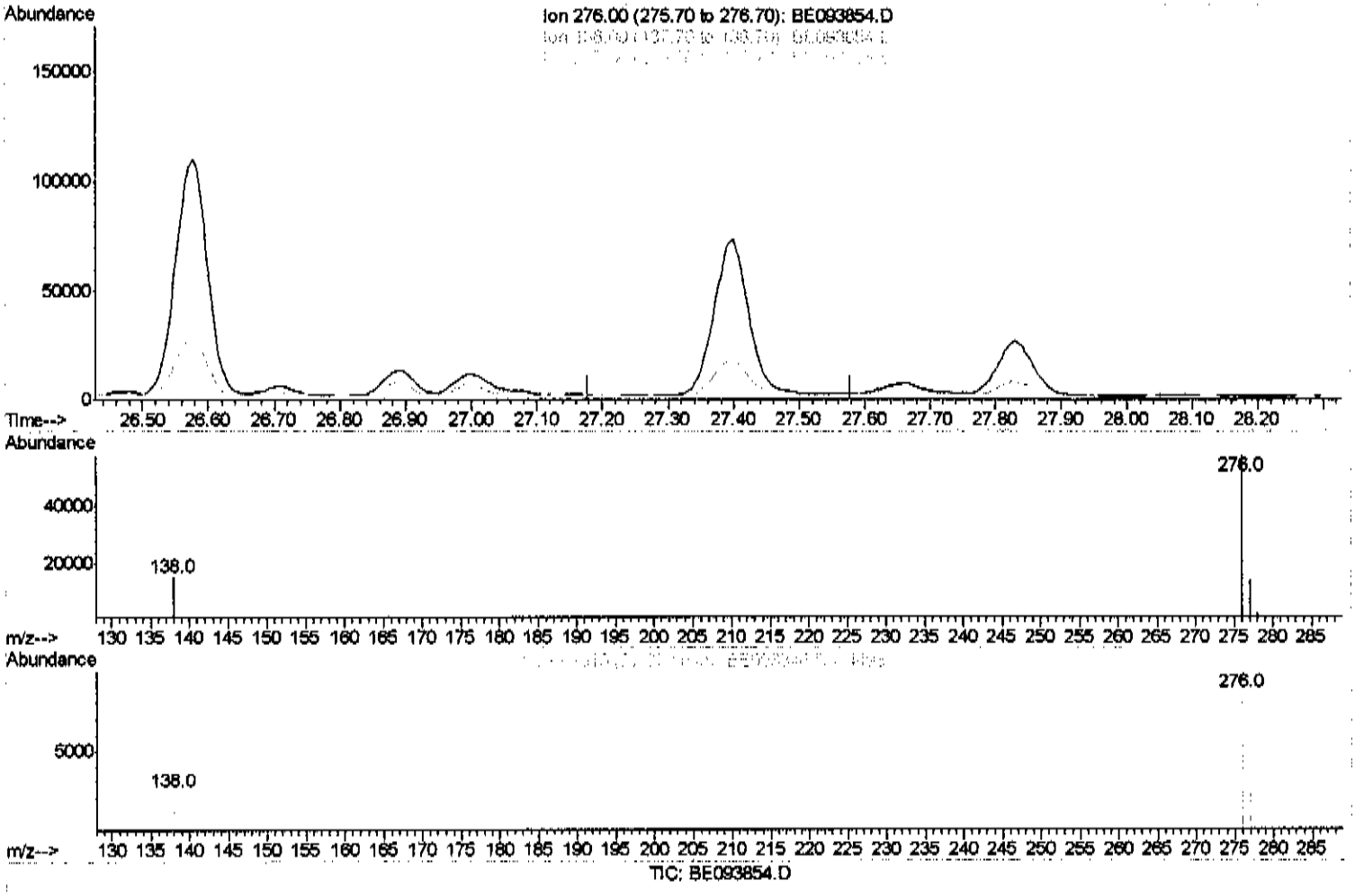

(26) Benzo(g,h,i)perylene

27.379min (-27.379) 0.00ng/ul

response 0

Ion	Exp%	Act%
276.00	100	0.00
138.00	27.30	0.00#
277.00	25.60	0.00#
0.00	0.00	0.00

Instrument :
BNA_E
ClientSampleId :
C0AH9

Manual Integrations APPROVED
Sohil
8/17/2017 5:59:50 PM

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
Data File : BE093854.D
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Operator : SJ/JU
Sample : I4672-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 17 04:41:45 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
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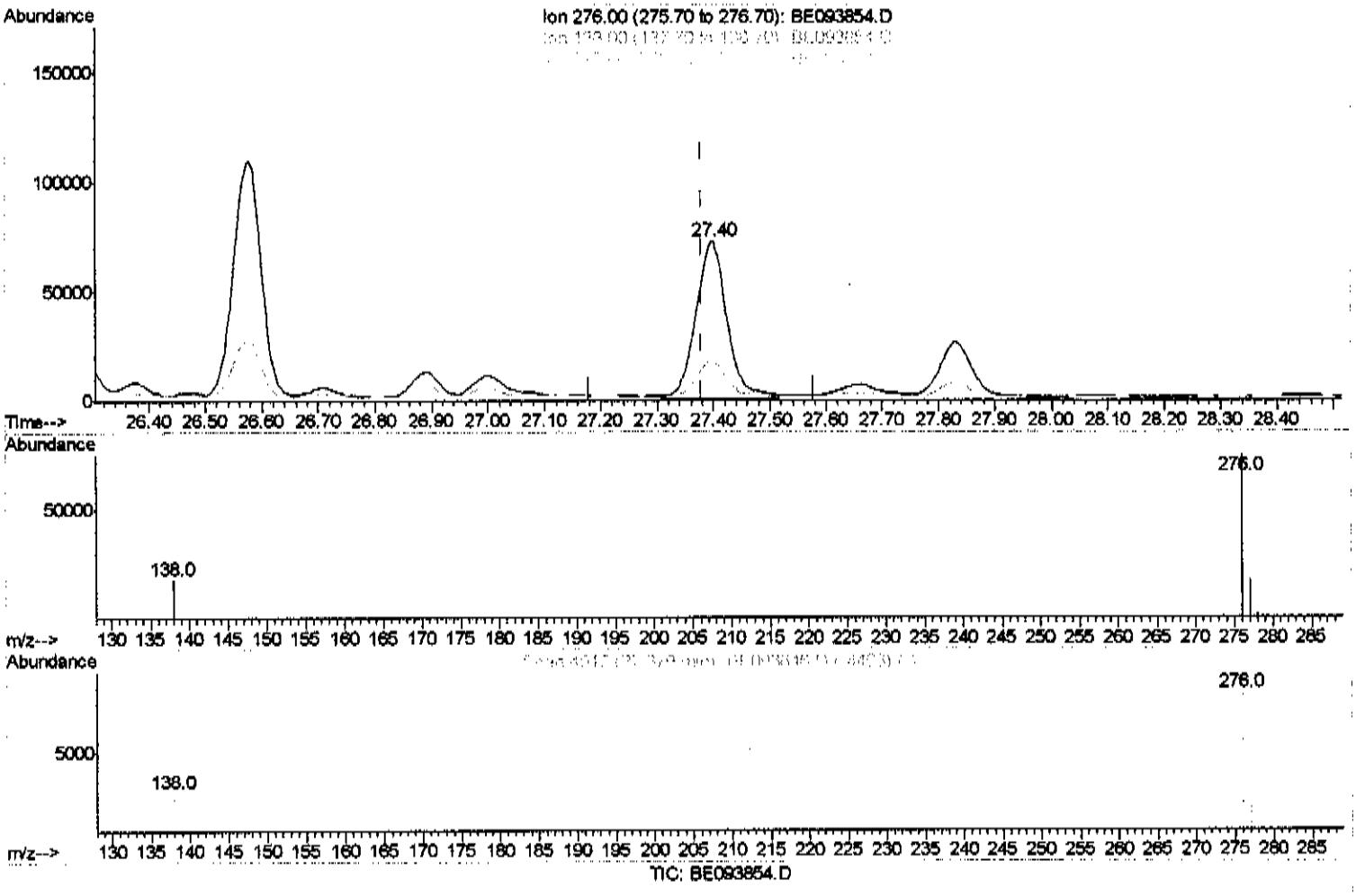

(26) Benzo(g,h,i)perylene

27.399min (+0.019) 5.90ng/ul m

response 273166

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	25.51
277.00	25.60	25.04
0.00	0.00	0.00

Instrument :
BNA_E
ClientSampleId :
C0AH9

Manual Integrations APPROVED
Sohil
8/17/2017 5:59:50 PM

Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2826	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	14432	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	9018	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	18490	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	18948	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	16920m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	4644	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	11416	0.20	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.75	128	48201	1.373	ng/ul#	91
5) 2-Methylnaphthalene	12.36	142	14213	0.555	ng/ul	99
7) Acenaphthylene	14.24	152	124462	3.299	ng/ul	97
8) Acenaphthene	14.59	153	6033	0.203	ng/ul	92
9) Fluorene	15.57	166	52612	1.402	ng/ul	90
12) Phenanthrene	17.29	178	1336886	26.549	ng/ul#	88
13) Anthracene	17.38	178	589105	12.011	ng/ul#	88
15) Fluoranthene	19.31	202	2327900	36.967	ng/ul	84
17) Pyrene	19.67	202	2153918	38.944	ng/ul#	82
18) Benzo(a)anthracene	21.40	228	1463649	26.643	ng/ul#	86
19) Chrysene	21.45	228	1253555	23.790	ng/ul	97
21) Benzo(b)fluoranthene	23.16	252	971560	18.563	ng/ul	86
22) Benzo(k)fluoranthene	23.20	252	476994m	9.242	ng/ul	
23) Benzo(a)pyrene	23.82	252	865759m	17.390	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.58	276	367168m	6.680	ng/ul	
25) Dibenzo(a,h)anthracene	26.58	278	136693m	2.976	ng/ul	
26) Benzo(g,h,i)perylene	27.40	276	273166m	5.898	ng/ul	

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