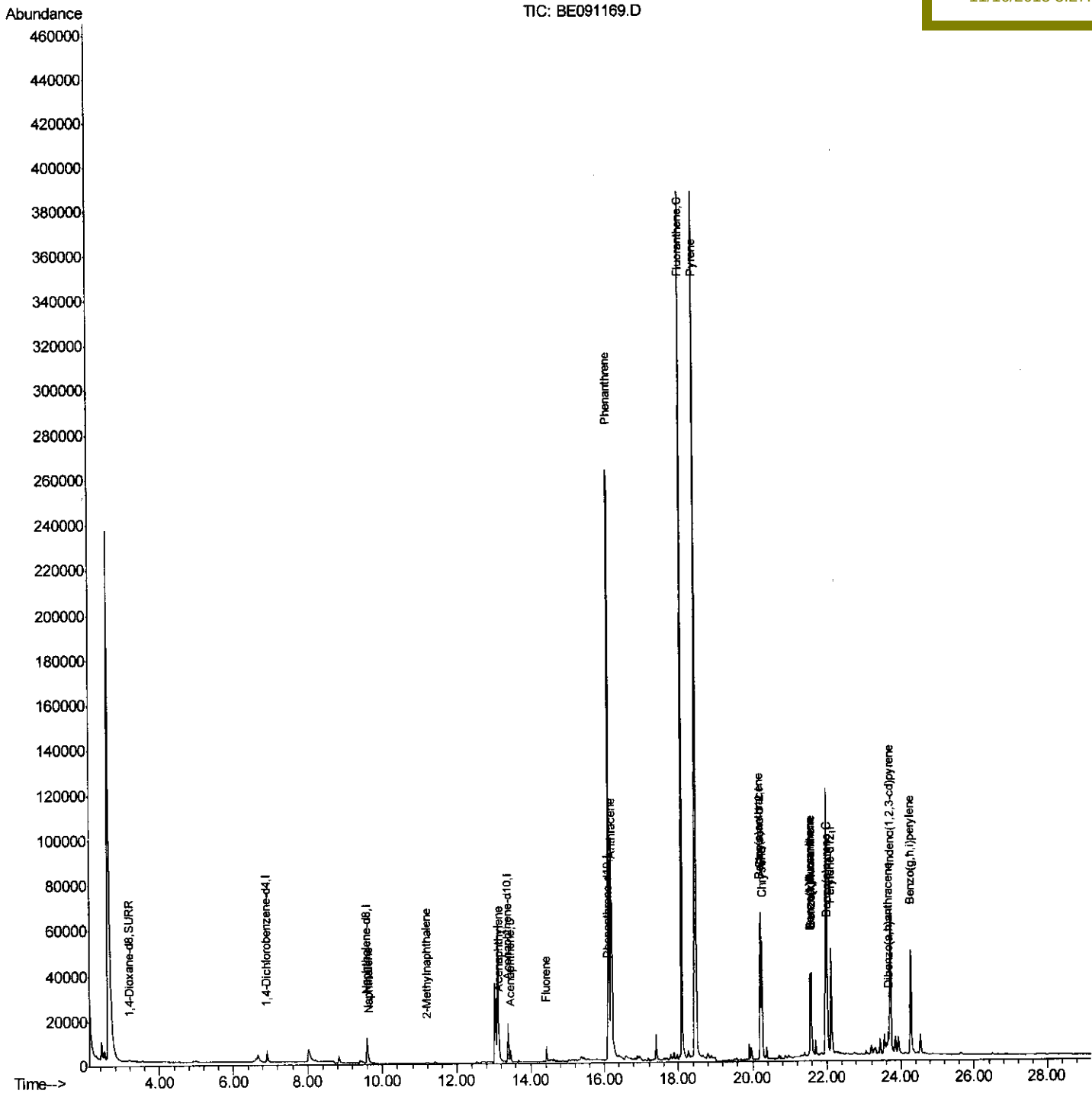
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE111515\
Data File : BE091169.D
Acq On : 15 Nov 2015 12:50
Operator : UM/NP
Sample : G4322-09DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 16 06:37:48 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 16 04:54:02 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
A4HS0DL

Manual Integrations APPROVED
mmdadoda
11/16/2015 3:27:11 PM



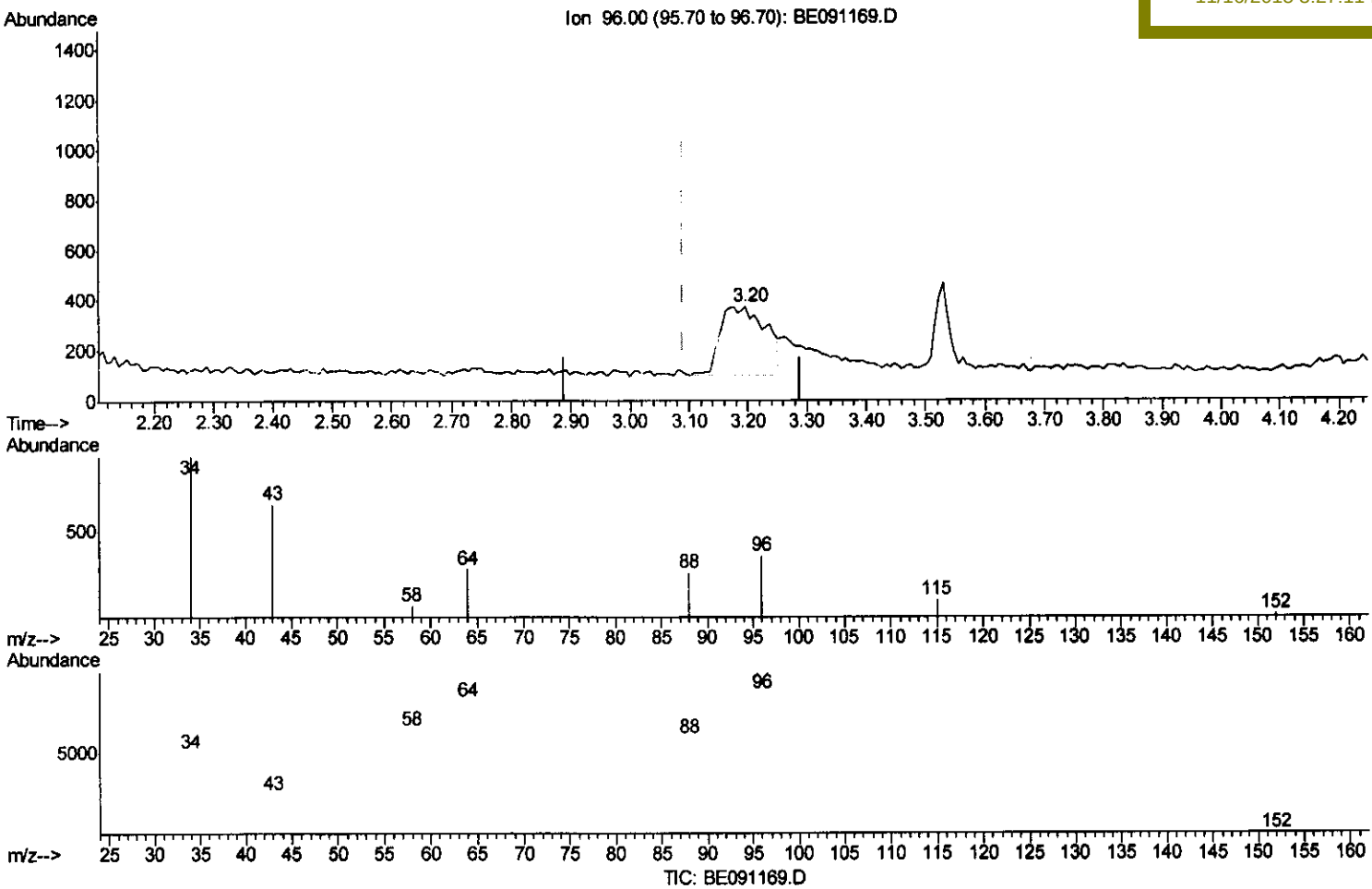
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE111515\
Data File : BE091169.D
Acq On : 15 Nov 2015 12:50
Operator : UM/NP
Sample : G4322-09DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 16 04:56:00 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 16 04:54:02 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
A4HS0DL

Manual Integrations APPROVED
mmdadoda
11/16/2015 3:27:11 PM



TIC: BE091169.D

(2) 1,4-Dioxane-d8 (SURR)

3.196min (+0.107) 0.57ng/uL

response 1461

Ion	Exp%	Act%
96.00	100	100
64.00	30.00	0.00#
34.00	0.00	56.40#
0.00	0.00	0.00

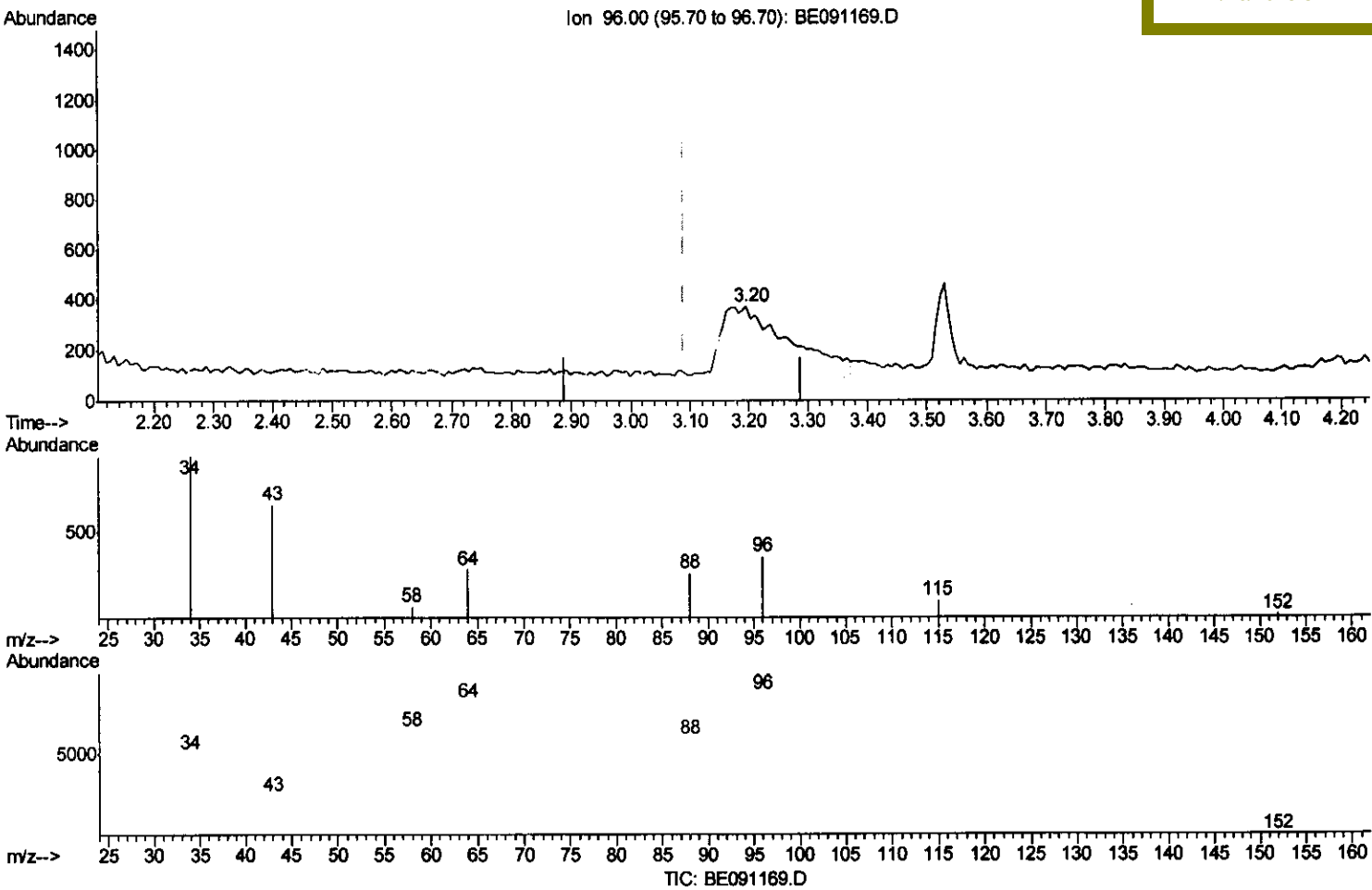
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE111515\
Data File : BE091169.D
Acq On : 15 Nov 2015 12:50
Operator : UM/NP
Sample : G4322-09DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 16 04:56:00 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 16 04:54:02 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
A4HS0DL

Manual Integrations APPROVED
mmdadoda
11/16/2015 3:27:11 PM



(2) 1,4-Dioxane-d8 (SURR)

3.196min (+0.107) 0.89ng/uL m UM 11/17/15

response 2252

Ion	Exp%	Act%
96.00	100	100
64.00	30.00	0.00#
34.00	0.00	36.59#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE111515\
Data File : BE091169.D
Acq On : 15 Nov 2015 12:50
Operator : UM/NP
Sample : G4322-09DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 16 06:37:48 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 16 04:54:02 2015
Response via : Initial Calibration

Instrument : BNA_E
ClientSampleId : A4HS0DL

Manual Integrations APPROVED
mmdadoda
11/16/2015 3:27:11 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	3537	0.40	ng/ul	-0.03
4) Naphthalene-d8	9.59	136	17687	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.39	164	11050	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.10	188	30902	0.40	ng/ul	0.00
18) Chrysene-d12	20.23	240	56355	0.40	ng/ul	0.00
22) Perylene-d12	22.12	264	50596	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.20	96	2252m	0.89	ng/uL	0.11
6) 2-Methylnaphthalene-d10	11.13	152	490	0.02	ng/ul	0.04
16) Fluoranthene-d10	18.08	212	1552	0.02	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	9.63	128	2548	0.06	ng/ul#	88
7) 2-Methylnaphthalene	11.19	142	1004	0.04	ng/ul	98
9) Acenaphthylene	13.14	152	1817	0.03	ng/ul#	84
10) Acenaphthene	13.45	153	3492	0.09	ng/ul	90
11) Fluorene	14.42	166	5186	0.11	ng/ul#	92
14) Phenanthrene	16.12	178	338435	0.95	ng/ul	97
15) Anthracene	16.21	178	88382	0.27	ng/ul	99
17) Fluoranthene	18.11	202	452377	1.08	ng/ul	87
19) Pyrene	18.49	202	418805	0.65	ng/ul#	79
20) Benzo(a)anthracene	20.21	228	51866	0.36	ng/ul	96
21) Chrysene	20.27	228	51156	0.31	ng/ul	97
23) Benzo(b)fluoranthene	21.56	252	34971	0.22	ng/ul	95
24) Benzo(k)fluoranthene	21.59	252	37686	0.23	ng/ul	98
25) Benzo(a)pyrene	22.02	252	41694	0.29	ng/ul	94
26) Indeno(1,2,3-cd)pyrene	23.72	276	87877	0.14	ng/ul#	90
27) Dibenzo(a,h)anthracene	23.67	278	7913	0.05	ng/ul#	70
28) Benzo(g,h,i)perylene	24.28	276	76994	0.12	ng/ul	98

U.M 11/17/15

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