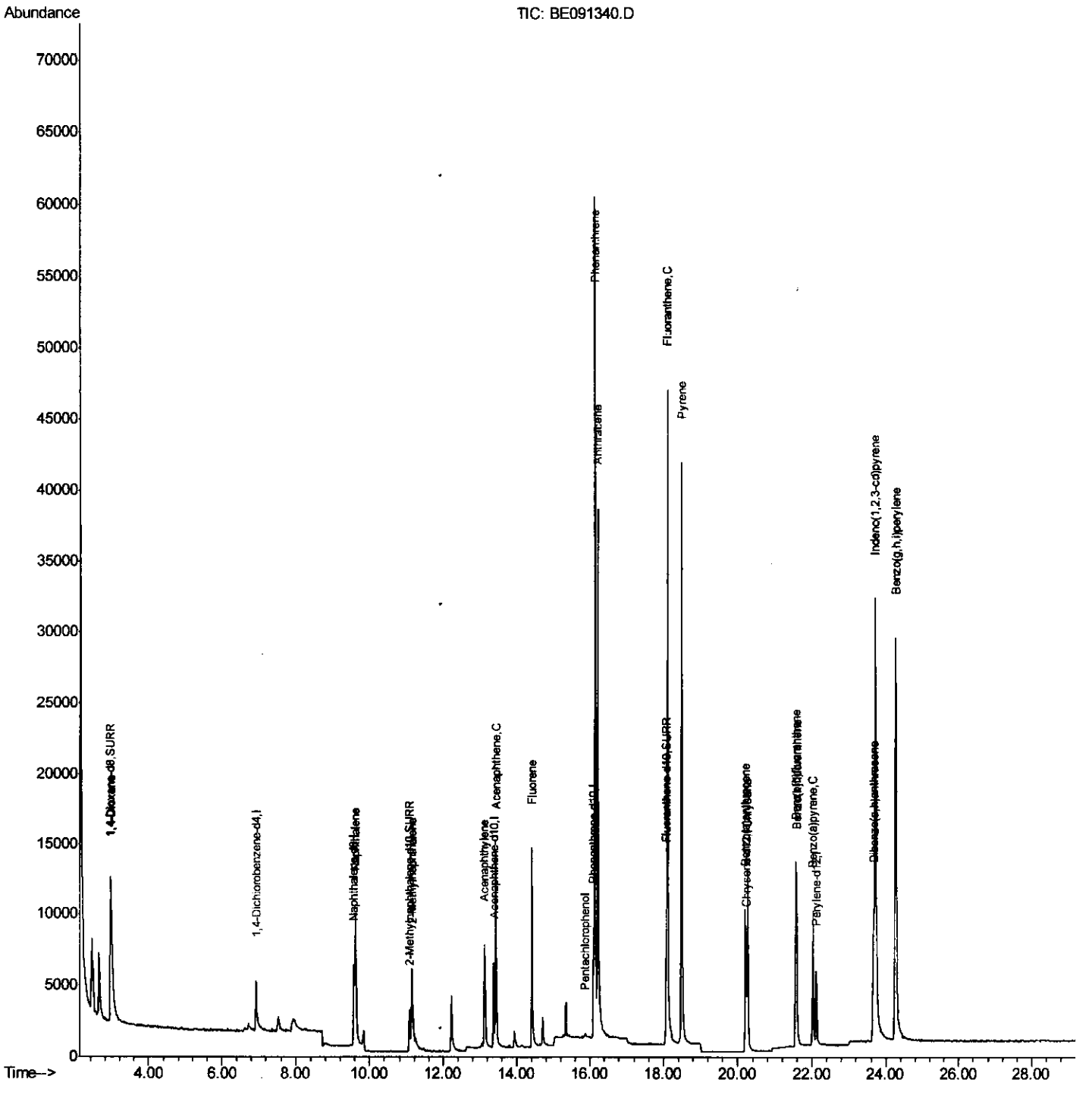
Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA E\DATA\BE121515\
Data File : BE091340.D
Acq On : 15 Dec 2015 2:20
Operator : UM/SJ
Sample : SSTD0.874
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 15 04:48:05 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE121515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 04:30:27 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
SSTD0.874

Manual Integrations APPROVED
MMdadoda
12/15/2015 6:15:12 PM



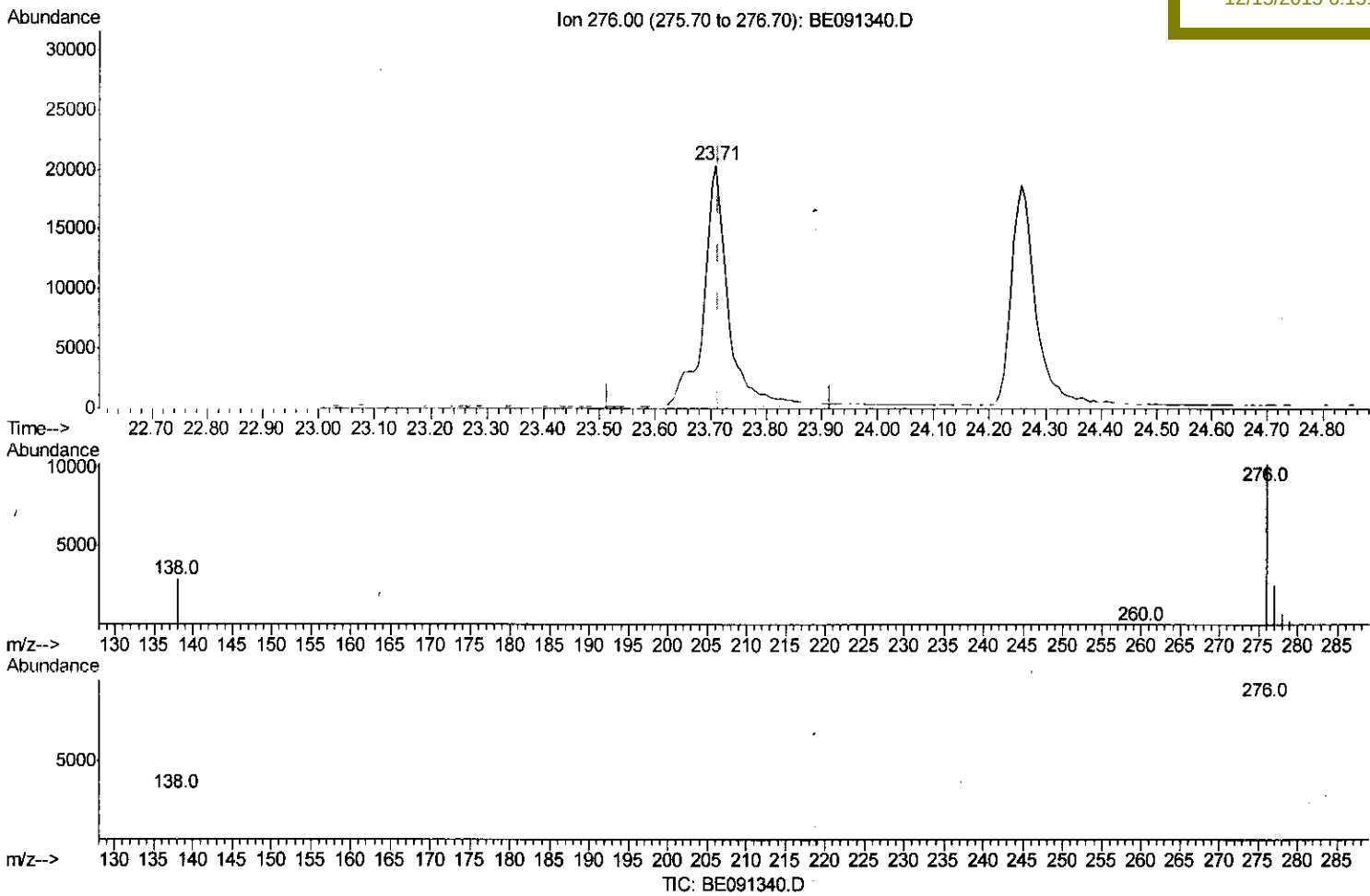
Quantitation Report (Qedit)

Data Path : U:\HPCHEM1\BNA E\DATA\BE121515\
Data File : BE091340.D
Acq On : 15 Dec 2015 2:20
Operator : UM/SJ
Sample : SSTD0.874
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 15 04:37:04 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE121515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 04:30:27 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
SSTD0.874

Manual Integrations APPROVED
MMdadoda
12/15/2015 6:15:12 PM



TIC: BE091340.D

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

23.709min (-0.006) 0.76ng/ul

response 61615

Ion	Exp%	Act%
276.00	100	100
138.00	28.90	22.23#
277.00	28.90	25.47
0.00	0.00	0.00

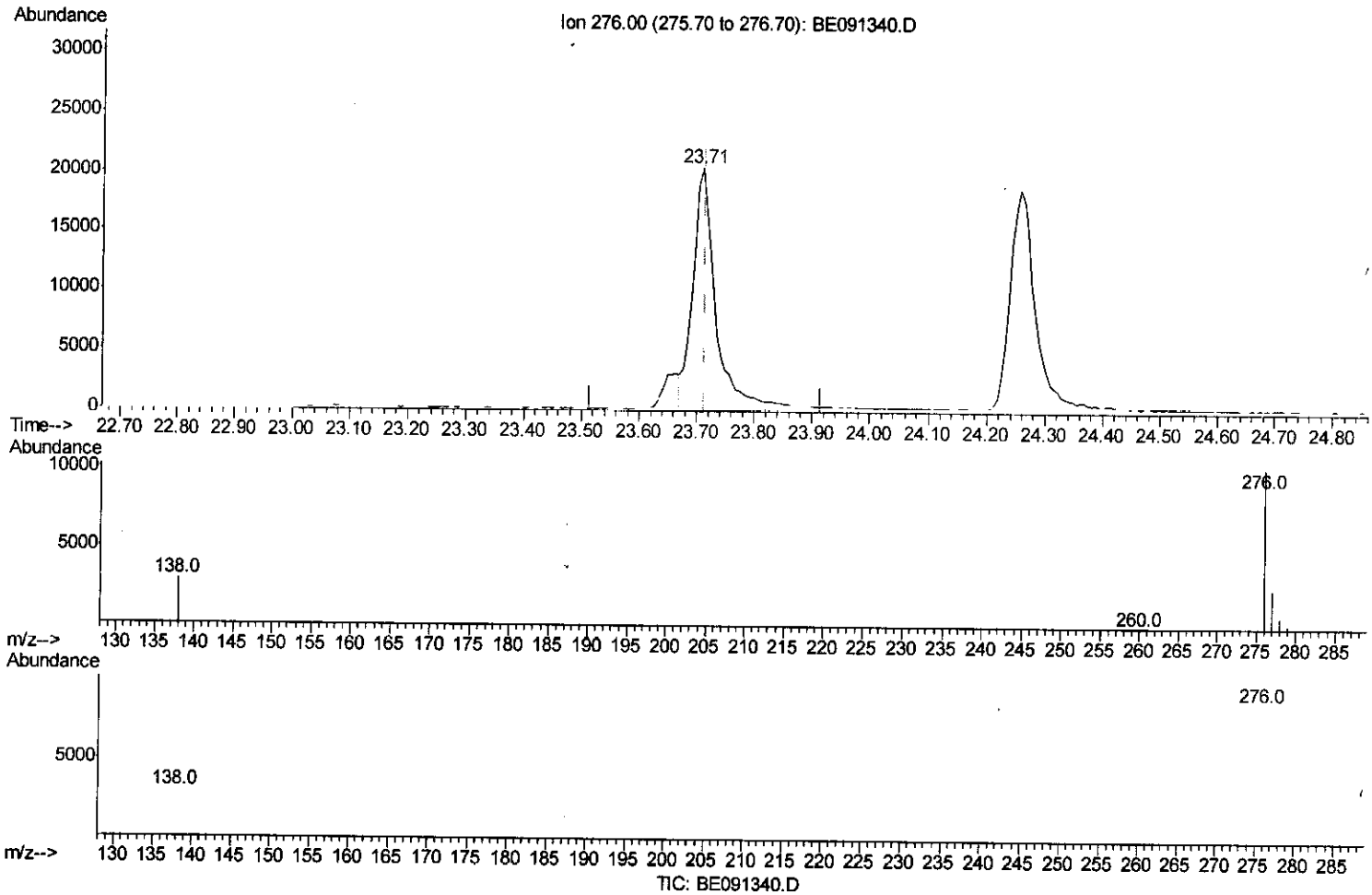
Quantitation Report (Qcdit)

Data Path : U:\HPCHEM1\BNA E\DATA\BE121515\
Data File : BE091340.D
Acq On : 15 Dec 2015 2:20
Operator : UM/SJ
Sample : SSTD0.874
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 15 04:37:04 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE121515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 04:30:27 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
SSTD0.874

Manual Integrations APPROVED
MMdadoda
12/15/2015 6:15:12 PM



TIC: BE091340.D

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

23.709min (-0.006) 0.69ng/ul m U.M 12/16/15

response 55962

Ion	Exp%	Act%
276.00	100	100
138.00	28.90	24.48
277.00	28.90	28.04
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA_E\DATA\BE121515\
Data File : BE091340.D
Acq On : 15 Dec 2015 2:20
Operator : UM/SJ
Sample : SSTD0.874
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 15 04:48:05 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE121515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 04:30:27 2015
Response via : Initial Calibration

Instrument : BNA_E
ClientSampleId : SSTD0.874

Manual Integrations APPROVED
MMdadoda
12/15/2015 6:15:12 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	3262	0.40 ng/ul	-0.02
4) Naphthalene-d8	9.57	136	10779	0.40 ng/ul	0.00
8) Acenaphthene-d10	13.37	164	2876	0.40 ng/ul	0.00
12) Phenanthrene-d10	16.09	188	9854	0.40 ng/ul	-0.01
18) Chrysene-d12	20.23	240	6452	0.40 ng/ul	0.00
22) Perylene-d12	22.11	264	6574	0.40 ng/ul	0.00
System Monitoring Compounds					
2) 1,4-Dioxane-d8	2.93	96	9036	3.38 ng/uL	-0.02
6) 2-Methylnaphthalene-d10	11.07	152	5714	0.69 ng/ul	-0.02
16) Fluoranthene-d10	18.07	212	12859	0.58 ng/ul	0.00
Target Compounds					Qvalue
3) 1,4-Dioxane	2.96	88	9844	3.22 ng/ul	94
5) Naphthalene	9.61	128	17254	0.72 ng/ul	93
7) 2-Methylnaphthalene	11.14	142	6459	0.68 ng/ul	97
9) Acenaphthylene	13.11	152	10863	0.69 ng/ul	97
10) Acenaphthene	13.42	153	8232	0.69 ng/ul	92
11) Fluorene	14.42	166	10707	0.65 ng/ul	98
13) Pentachlorophenol	15.87	266	463	0.78 ng/ul#	85
14) Phenanthrene	16.12	178	69383	0.67 ng/ul	98
15) Anthracene	16.21	178	57079	0.68 ng/ul	98
17) Fluoranthene	18.10	202	62482	0.57 ng/ul	98
19) Pyrene	18.48	202	56079	0.73 ng/ul	100
20) Benzo(a)anthracene	20.20	228	10233	0.74 ng/ul	98
21) Chrysene	20.26	228	14079	0.65 ng/ul	99
23) Benzo(b)fluoranthene	21.55	252	12936	0.64 ng/ul	99
24) Benzo(k)fluoranthene	21.59	252	14704	0.61 ng/ul	96
25) Benzo(a)pyrene	22.01	252	12777	0.61 ng/ul	98
26) Indeno(1,2,3-cd)pyrene	23.71	276	55962m	0.69 ng/ul	
27) Dibenzo(a,h)anthracene	23.66	278	10720	0.70 ng/ul	97
28) Benzo(g,h,i)perylene	24.26	276	56329	0.67 ng/ul	99

U,M 12/16/15

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