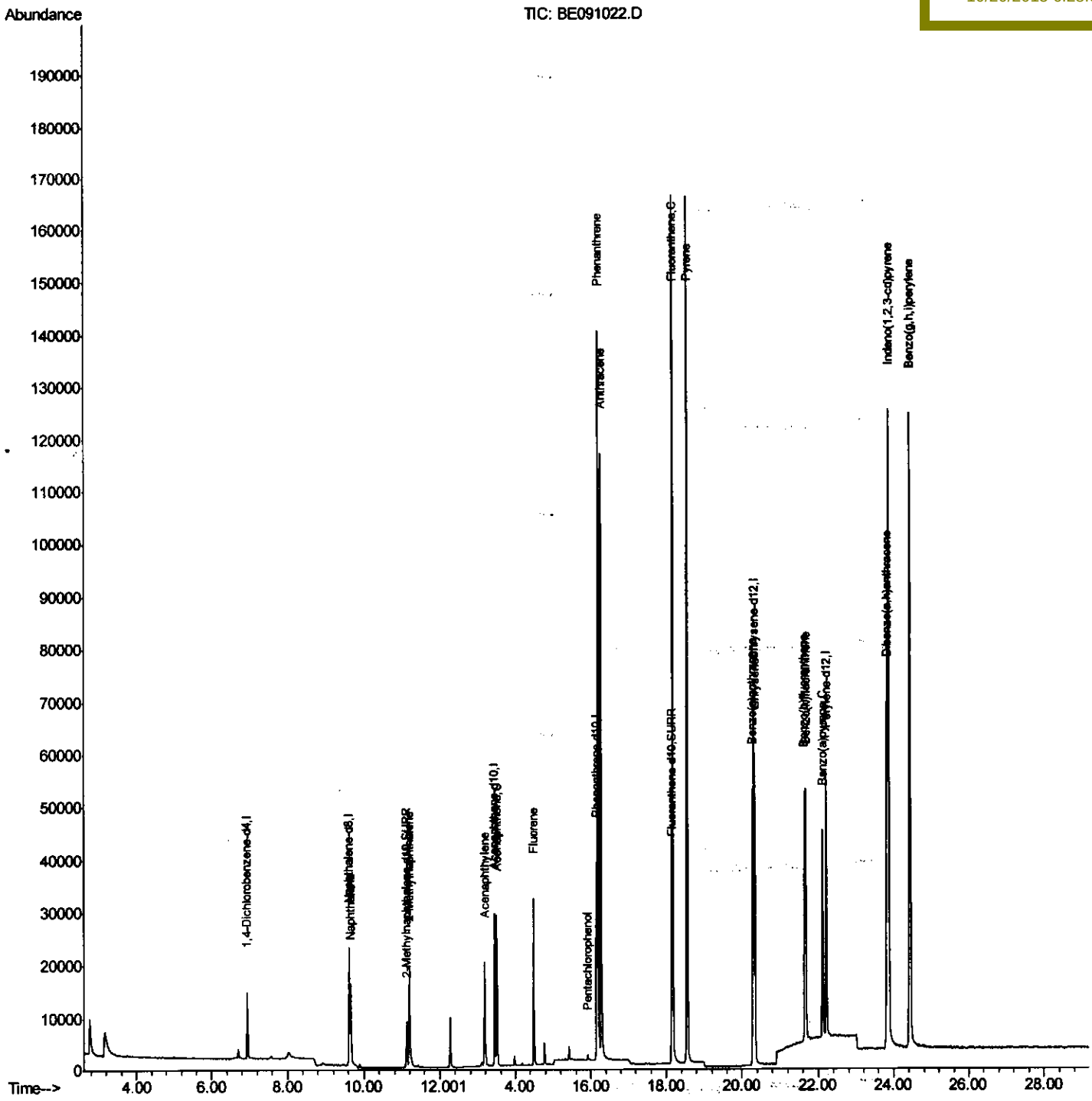
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101915\
Data File : BE091022.D
Acq On : 19 Oct 2015 14:17
Operator : UM/NP
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 20 00:58:33 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE101415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 05:50:36 2015
Response via : Initial Calibration

Instrument :
BNA_E
LabSampleId :
SSTD0.481

Manual Integrations APPROVED
MMdadoda
10/20/2015 6:28:07 PM



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101915\
Data File : BE091022.D
Acq On : 19 Oct 2015 14:17
Operator : UM/NP
Sample : SSTDCCC0.4
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Manual Integrations APPROVED
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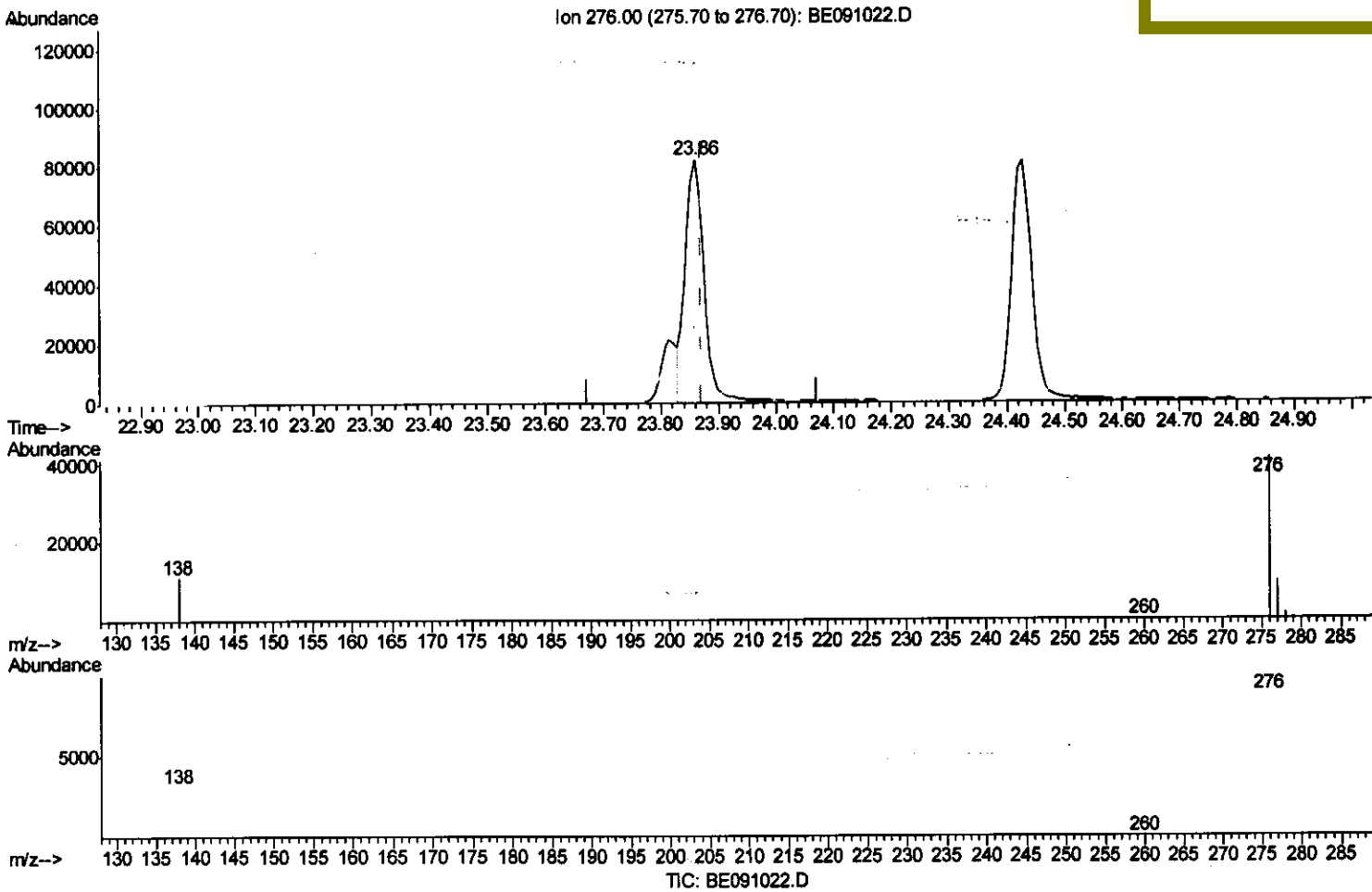
10/20/2015 6:28:07 PM



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

23.860min (-0.012) 0.38ng/ul m U.M 10/21/15

response 187697

Ion	Exp%	Act%
276.00	100	100
138.00	24.40	22.53
277.00	24.20	23.09
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101915\
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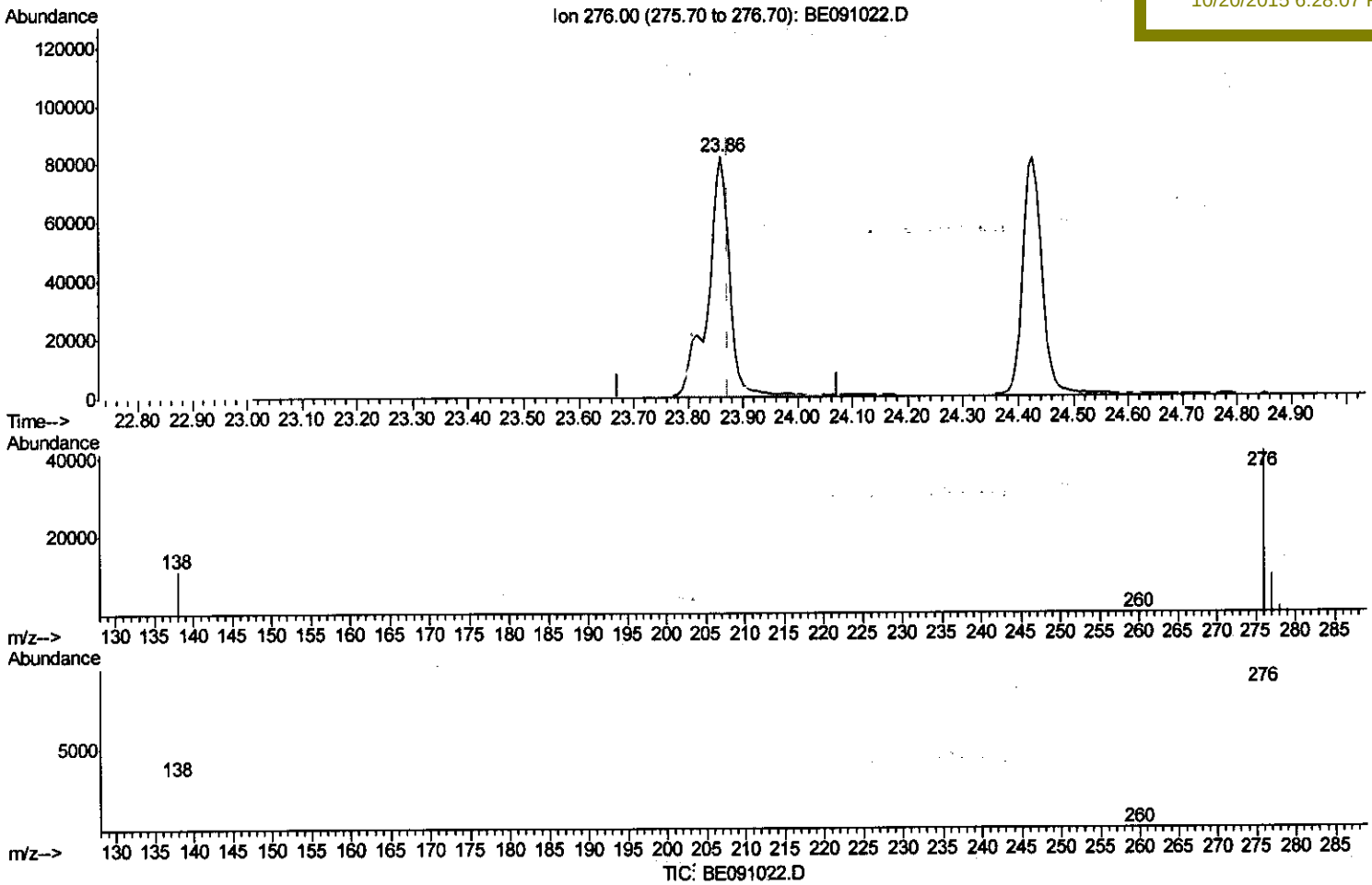
Response via : Initial Calibration

Instrument :
BNA_E
LabSampleId :
SSTD0.481

Manual Integrations APPROVED
MMdadoda
10/20/2015 6:28:07 PM



TIC: BE091022.D

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

23.860min (-0.012) 0.46ng/ul

response 227256

Ion	Exp%	Act%
276.00	100	100
138.00	24.40	18.61#
277.00	24.20	19.07#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101915\
Data File : BE091022.D
Acq On : 19 Oct 2015 14:17
Operator : UM/NP
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 20 00:58:33 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE101415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 05:50:36 2015
Response via : Initial Calibration

Instrument : BNA_E
LabSampleId : SSTD0.481

Manual Integrations APPROVED
MMdadoda
10/20/2015 6:28:07 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	6241	0.40	ng/ul	-0.01
2) Naphthalene-d8	9.62	136	29499	0.40	ng/ul	-0.02
6) Acenaphthene-d10	13.44	164	17009	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.16	188	44206	0.40	ng/ul	0.00
16) Chrysene-d12	20.31	240	55460	0.40	ng/ul	-0.01
20) Perylene-d12	22.21	264	53186	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.12	152	12187	0.37	ng/ul	-0.01
14) Fluoranthene-d10	18.15	212	37233	0.35	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	9.66	128	24458	0.36	ng/ul	99
5) 2-Methylnaphthalene	11.19	142	14405	0.38	ng/ul	95
7) Acenaphthylene	13.18	152	23511	0.37	ng/ul	99
8) Acenaphthene	13.49	153	16505	0.36	ng/ul	97
9) Fluorene	14.48	166	20846	0.37	ng/ul	100
11) Pentachlorophenol	15.92	266	1121	0.22	ng/ul	98
12) Phenanthrene	16.20	178	149510	0.38	ng/ul	95
13) Anthracene	16.27	178	140964	0.37	ng/ul	98
15) Fluoranthene	18.17	202	178952	0.36	ng/ul	100
17) Pyrene	18.56	202	179104	0.38	ng/ul	100
18) Benzo(a)anthracene	20.28	228	43745	0.36	ng/ul	98
19) Chrysene	20.34	228	48348	0.37	ng/ul	99
21) Benzo(b)fluoranthene	21.64	252	46265	0.37	ng/ul	84
22) Benzo(k)fluoranthene	21.68	252	48723	0.38	ng/ul#	85
23) Benzo(a)pyrene	22.11	252	44691	0.36	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	23.86	276	187697m	0.38	ng/ul	
25) Dibenzo(a,h)anthracene	23.81	278	46842	0.37	ng/ul	93
26) Benzo(g,h,i)perylene	24.43	276	196932	0.38	ng/ul#	91

UM 10/21/15

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