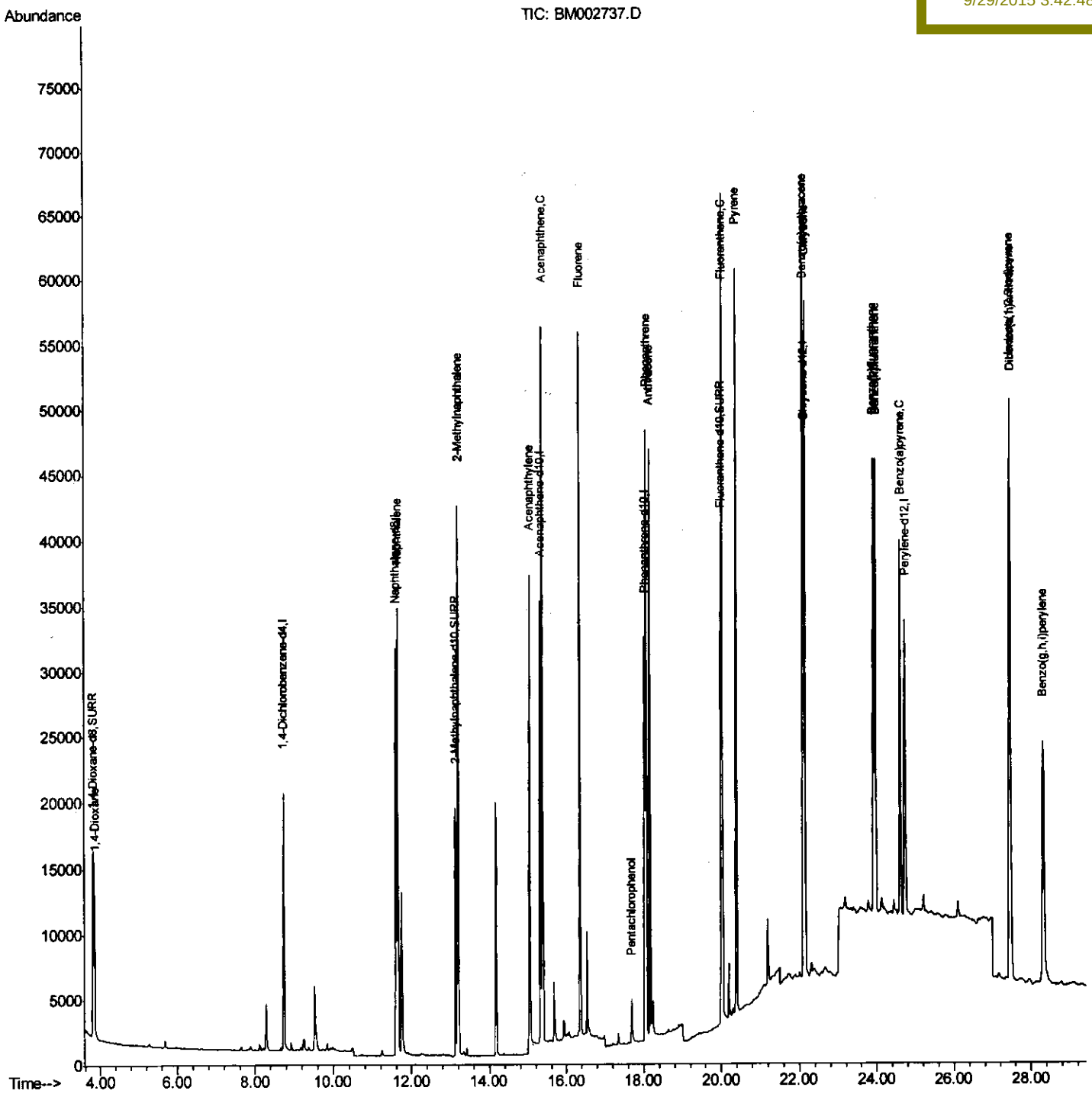
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM092815\
Data File : BM002737.D
Acq On : 28 Sep 2015 17:15
Operator : UM/IZ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 29 04:57:57 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 29 02:52:19 2015
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD0.488

Manual Integrations APPROVED
MMDadoda
9/29/2015 3:42:48 PM



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM092815\
Data File : BM002737.D
Acq On : 28 Sep 2015 17:15
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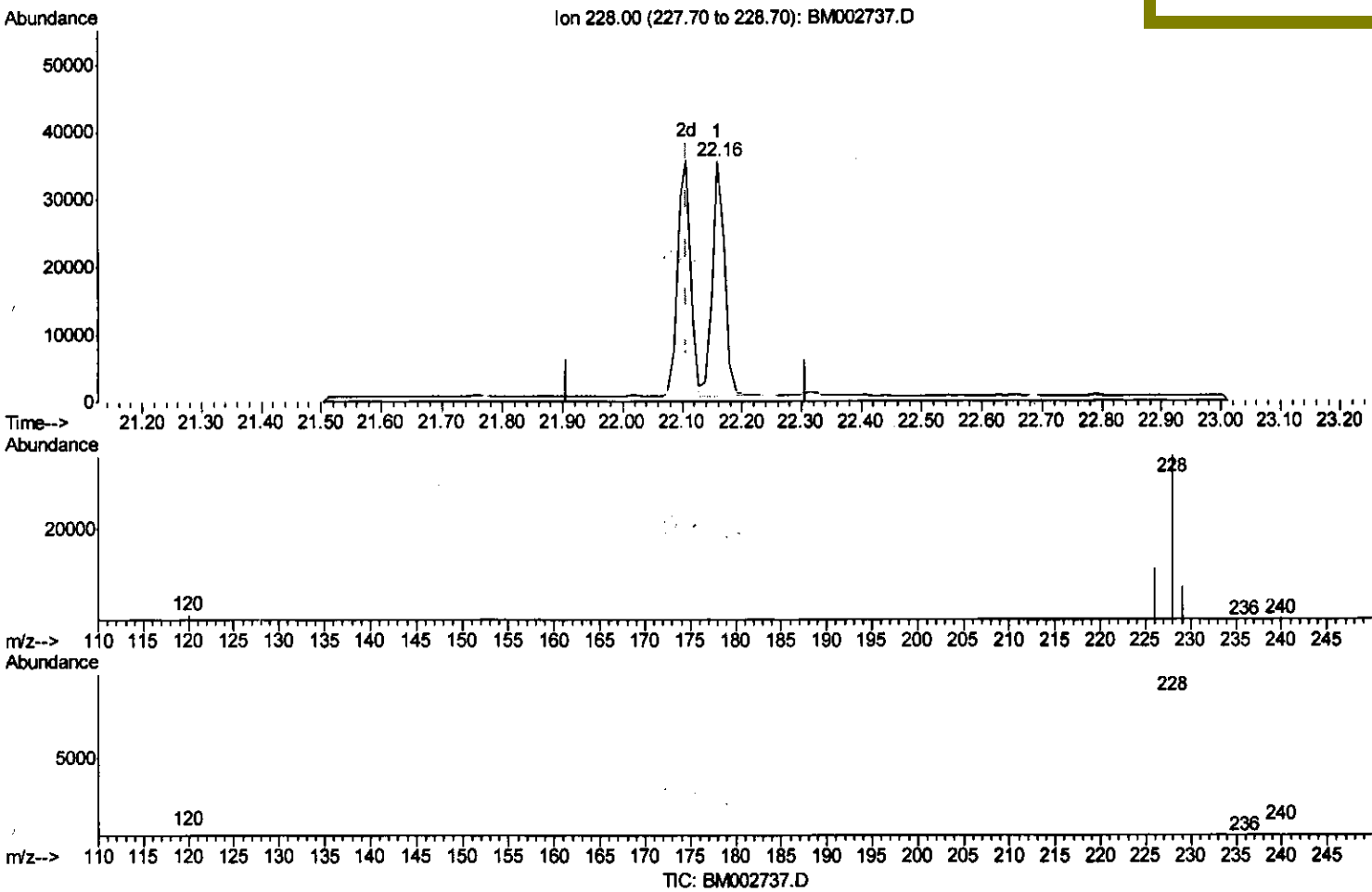


(20) Benzo(a)anthracene

22.159min (+0.052) 0.38ng/ul

response 49803

Ion	Exp%	Act%
228.00	100	100
226.00	28.70	32.24
229.00	19.00	21.92
0.00	0.00	0.00

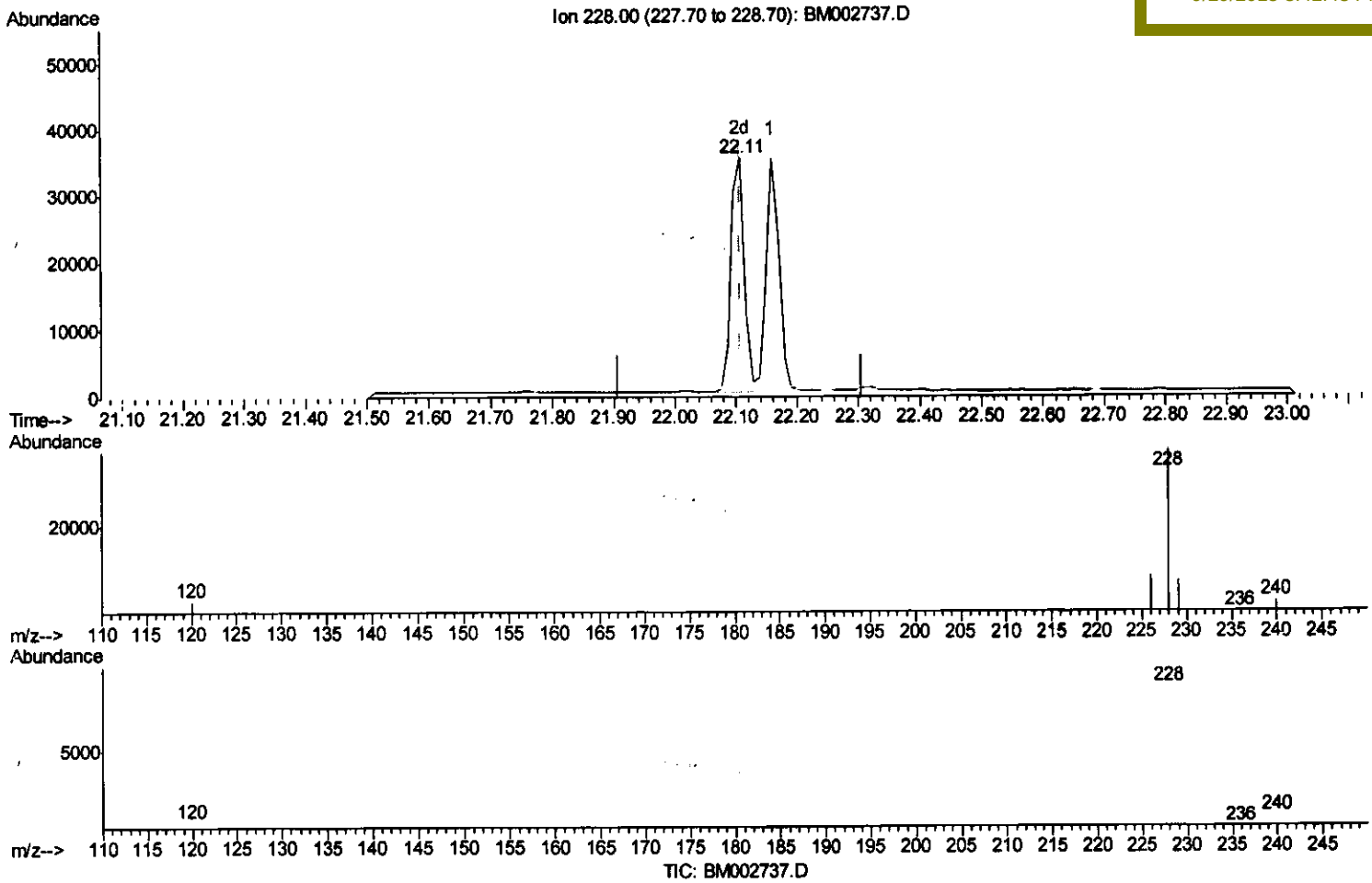
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM092815\
Data File : BM002737.D
Acq On : 28 Sep 2015 17:15
Operator : UM/IZ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 29 04:57:00 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 29 02:52:19 2015
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD0.488

Manual Integrations APPROVED
MMDadoda
9/29/2015 3:42:48 PM



TIC: BM002737.D

(20) Benzo(a)anthracene

22.107min (0.000) 0.41ng/ul m

response 52683

> U.M
09/30/15

Ion	Exp%	Act%
228.00	100	100
226.00	28.70	26.66
229.00	19.00	23.81#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM092815\
Data File : BM002737.D
Acq On : 28 Sep 2015 17:15
Operator : UM/IZ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 29 04:57:57 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 29 02:52:19 2015
Response via : Initial Calibration

Instrument : BNA_M
LabSampleId : SSTD0.488

Manual Integrations APPROVED
MMDadoda
9/29/2015 3:42:48 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	12237	0.40	ng/ul	0.00
4) Naphthalene-d8	11.60	136	47064	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.33	164	21791	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.03	188	43917	0.40	ng/ul	0.00
18) Chrysene-d12	22.13	240	38791	0.40	ng/ul	0.00
22) Perylene-d12	24.73	264	35826	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.80	96	11691	0.93	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.13	152	24512	0.36	ng/ul	0.00
16) Fluoranthene-d10	20.01	212	43954	0.40	ng/ul	0.00
Target Compounds						Qvalue
3) 1,4-Dioxane	3.85	88	13712	0.94	ng/ul	98
5) Naphthalene	11.65	128	49524	0.39	ng/ul	98
7) 2-Methylnaphthalene	13.20	142	32084	0.39	ng/ul	99
9) Acenaphthylene	15.06	152	43845	0.39	ng/ul	96
10) Acenaphthene	15.38	153	32922	0.40	ng/ul	93
11) Fluorene	16.36	166	36516	0.39	ng/ul	89
13) Pentachlorophenol	17.69	266	3030	0.35	ng/ul	95
14) Phenanthrene	18.08	178	51847	0.36	ng/ul	98
15) Anthracene	18.17	178	55283	0.42	ng/ul	97
17) Fluoranthene	20.04	202	58785	0.38	ng/ul	94
19) Pyrene	20.39	202	60135	0.40	ng/ul	99
20) Benzo(a)anthracene	22.11	228	52683m	0.41	ng/ul	
21) Chrysene	22.16	228	49803	0.40	ng/ul	97
23) Benzo(b)fluoranthene	23.92	252	48733	0.38	ng/ul	88
24) Benzo(k)fluoranthene	23.97	252	49325	0.41	ng/ul#	89
25) Benzo(a)pyrene	24.61	252	47833	0.40	ng/ul#	87
26) Indeno(1,2,3-cd)pyrene	27.46	276	52780	0.40	ng/ul	98
27) Dibenzo(a,h)anthracene	27.48	278	43342	0.40	ng/ul	93
28) Benzo(g,h,i)perylene	28.32	276	44931	0.40	ng/ul#	92

U.M 09/30/15

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