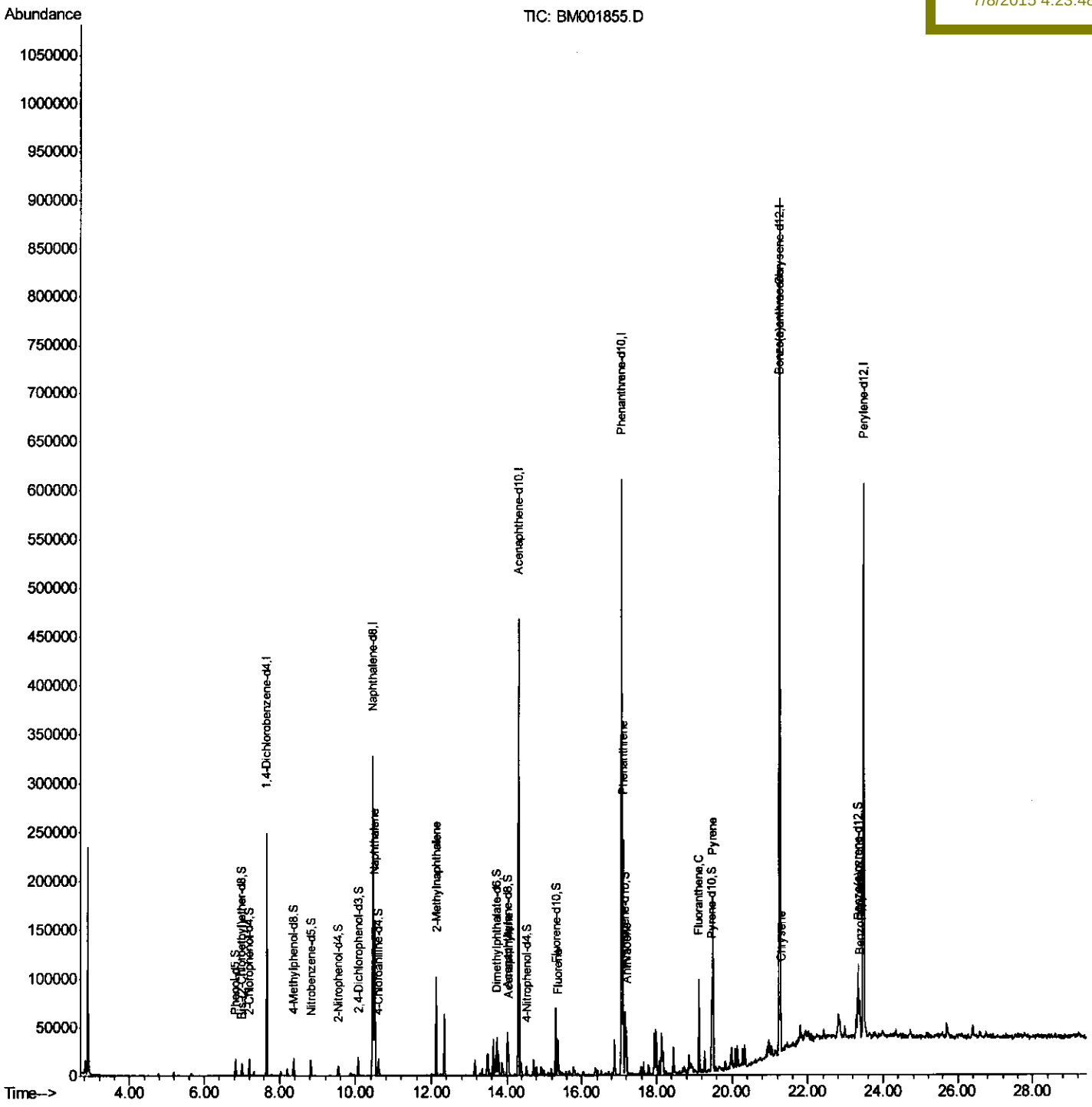
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM070615\
Data File : BM001855.D
Acq On : 07 Jul 2015 03:44
Operator : TP/UM
Sample : G2860-17DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jul 08 07:26:25 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 07 04:02:33 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
G93K2DL

Manual Integrations APPROVED
apatel
7/8/2015 4:23:48 PM



Quantitation Report (Qedit)

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Data File : BM001855.D
Acq On : 07 Jul 2015 03:44
Operator : TP/UM
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Quant Time: Jul 07 18:45:24 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 07 04:02:33 2015
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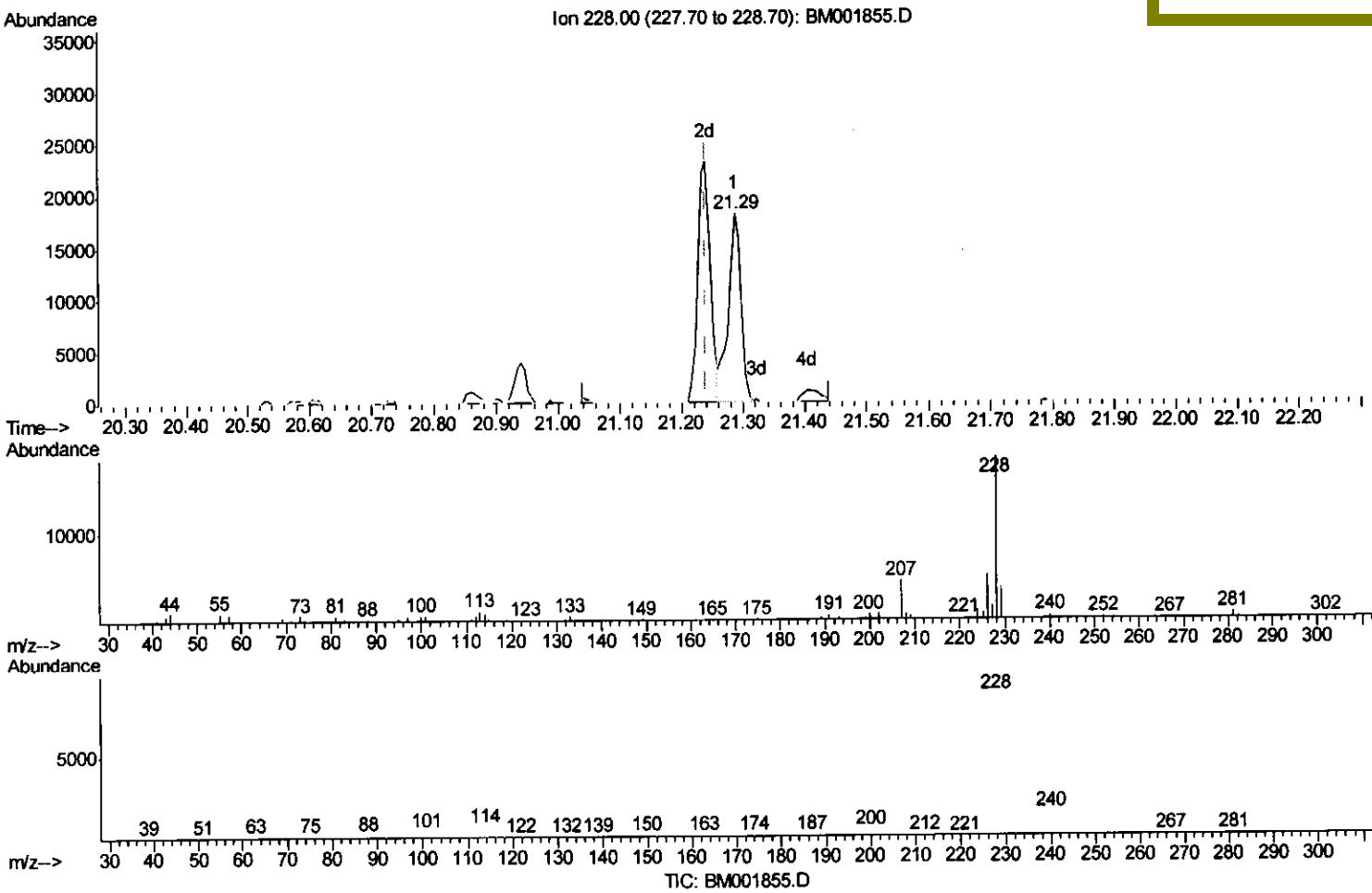
G93K2DL

Manual Integrations APPROVED
apatel
7/8/2015 4:23:48 PM



(82) Benzo(a)anthracene

21.286min (+0.047) 1.10ng/ul

response 26070

Ion	Exp%	Act%
228.00	100	100
229.00	19.20	21.47
226.00	25.70	28.34
0.00	0.00	0.00

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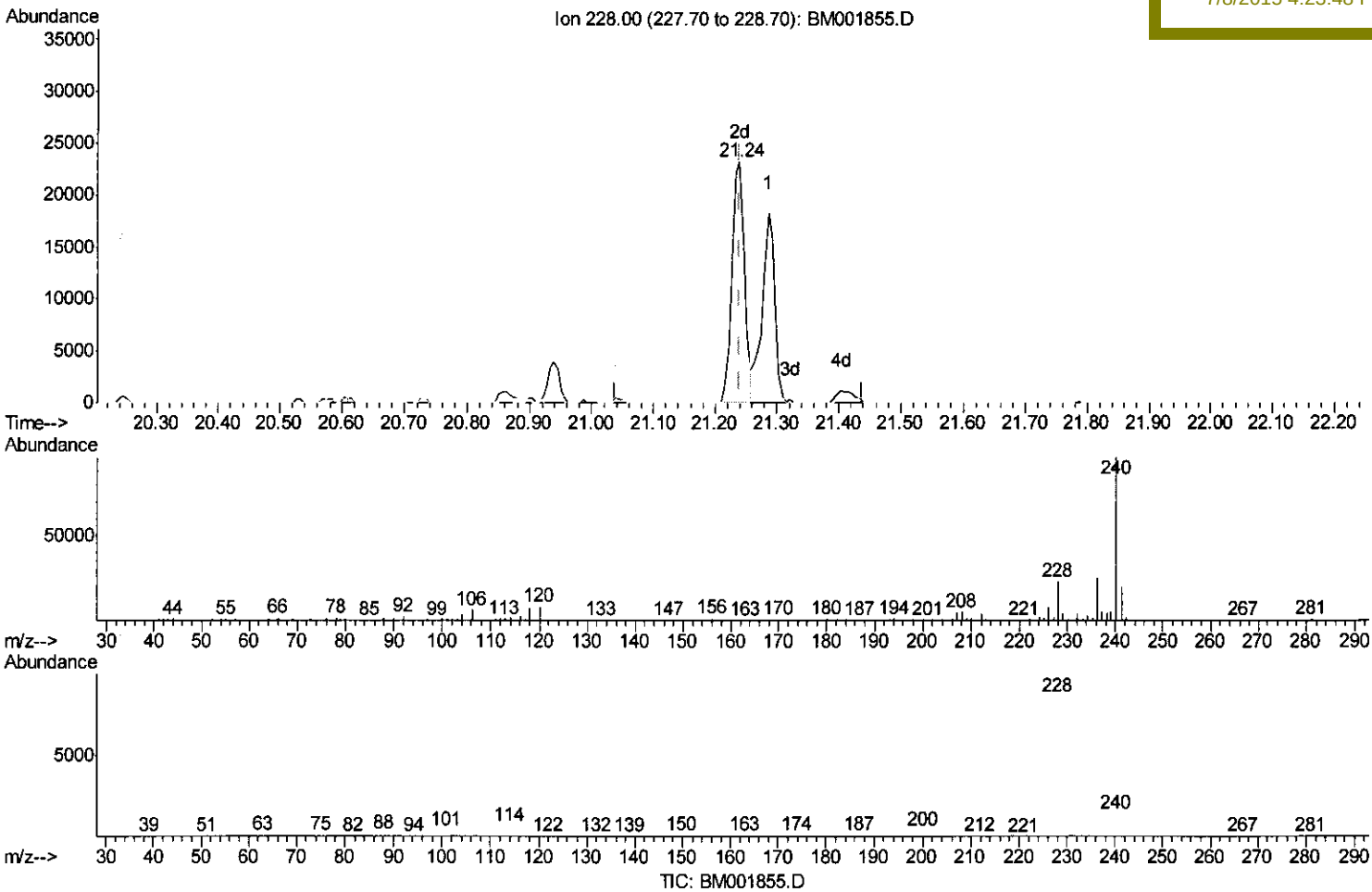
Manual Integrations APPROVED
apatel
7/8/2015 4:23:48 PM



(82) Benzo(a)anthracene

21.239min (+0.000) 1.37ng/ul m

response 32651

T.P 7/21/15

Ion	Exp%	Act%
228.00	100	100
229.00	19.20	18.91
226.00	25.70	35.71#
0.00	0.00	0.00

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM070615\
Data File : BM001855.D
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Operator : TP/UM
Sample : G2860-17DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
G93K2DL

Manual Integrations APPROVED
apatel
7/8/2015 4:23:48 PM

Quant Time: Jul 08 07:26:25 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 07 04:02:33 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	64120	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	253376	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	152497	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	351458	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	406847	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	410988	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	279	0.21	ng/uL	0.00
5) Phenol-d5	6.83	99	10302	2.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	6239	2.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	9012	2.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	7839	1.98	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	4019	2.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	3823	1.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	8839	2.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	10161	2.43	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	27187	2.40	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	35122	2.37	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	2219	1.06	ng/ul	0.00
57) Fluorene-d10	15.31	176	26908	2.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	1764	0.82	ng/ul	0.00
70) Anthracene-d10	17.16	188	40531	2.48	ng/ul	0.00
78) Pyrene-d10	19.46	212	45232	2.62	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	46019	2.54	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.50	128	126345	9.88	ng/ul	97
34) 2-Methylnaphthalene	12.12	142	47819	5.17	ng/ul	97
47) Acenaphthylene	14.04	152	22950	1.52	ng/ul	99
58) Fluorene	15.37	166	19215	1.60	ng/ul	99
69) Phenanthrene	17.10	178	143766	7.54	ng/ul	99
71) Anthracene	17.19	178	31269	1.60	ng/ul	99
76) Fluoranthene	19.12	202	59734	2.62	ng/ul	99
79) Pyrene	19.49	202	110867	4.91	ng/ul	99
82) Benzo(a)anthracene	21.24	228	32651m	1.37	ng/ul	
84) Chrysene	21.29	228	26070	1.16	ng/ul	98
90) Benzo(a)pyrene	23.37	252	29199	1.25	ng/ul	97

T.P 7/21/15

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