

(OT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\

Data File : BM003663.D

Acq On : 20 Dec 2015 20:28

Operator : UM/SJ

Sample : G4867-11

Misc :

ALS Vial : 16 Sample Multiplier: 1

Instrument :

BNA M

ClientSampleId :

G9DA6

Manual Integrations

apatel

12/22/2015 12:19:30 PM

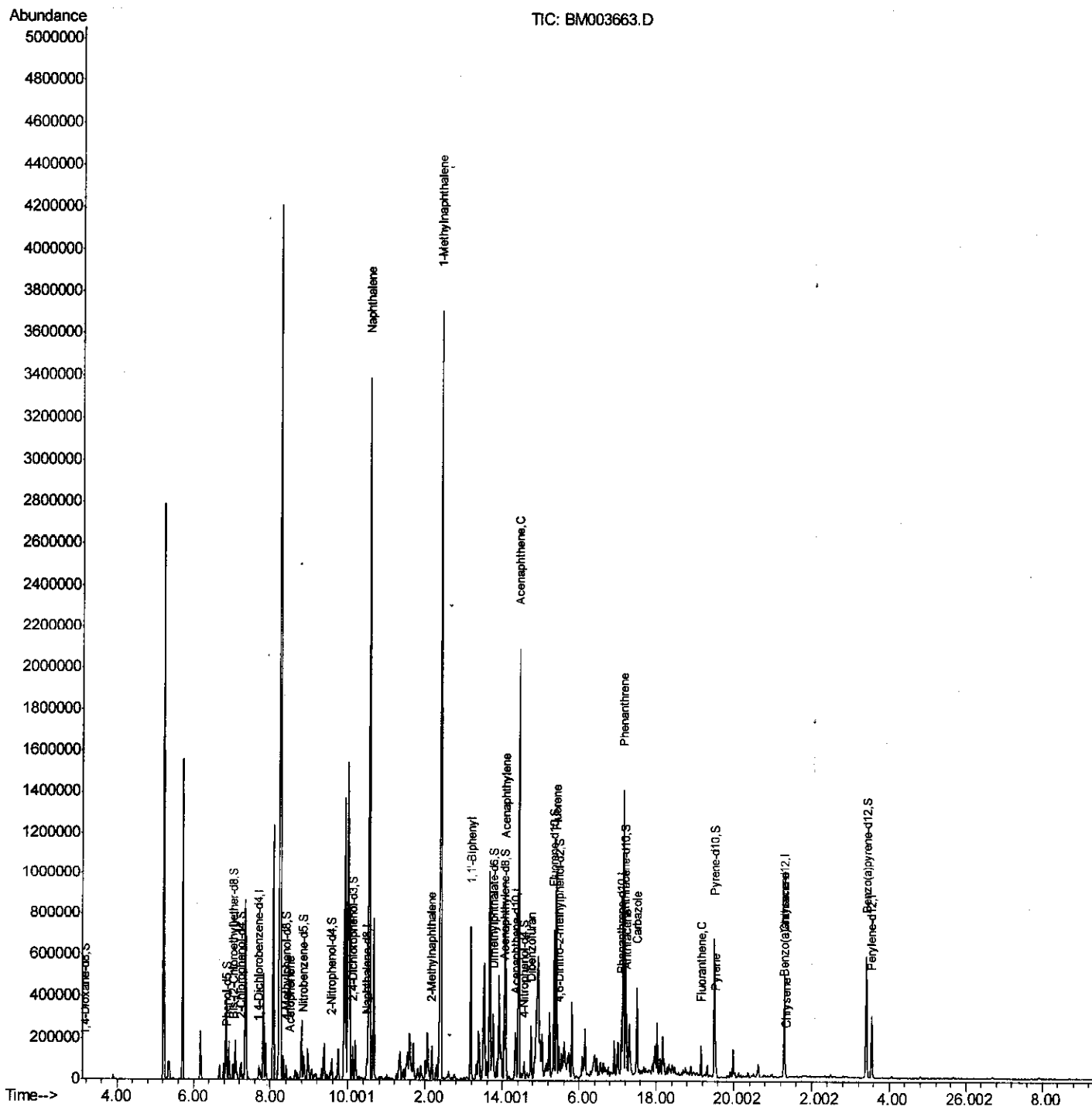
Quant Time: Dec 21 04:13:00 2015

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM121915.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Dec 21 03:56:12 2015

Response via : Initial Calibration



Quantitation Report (Qedit)

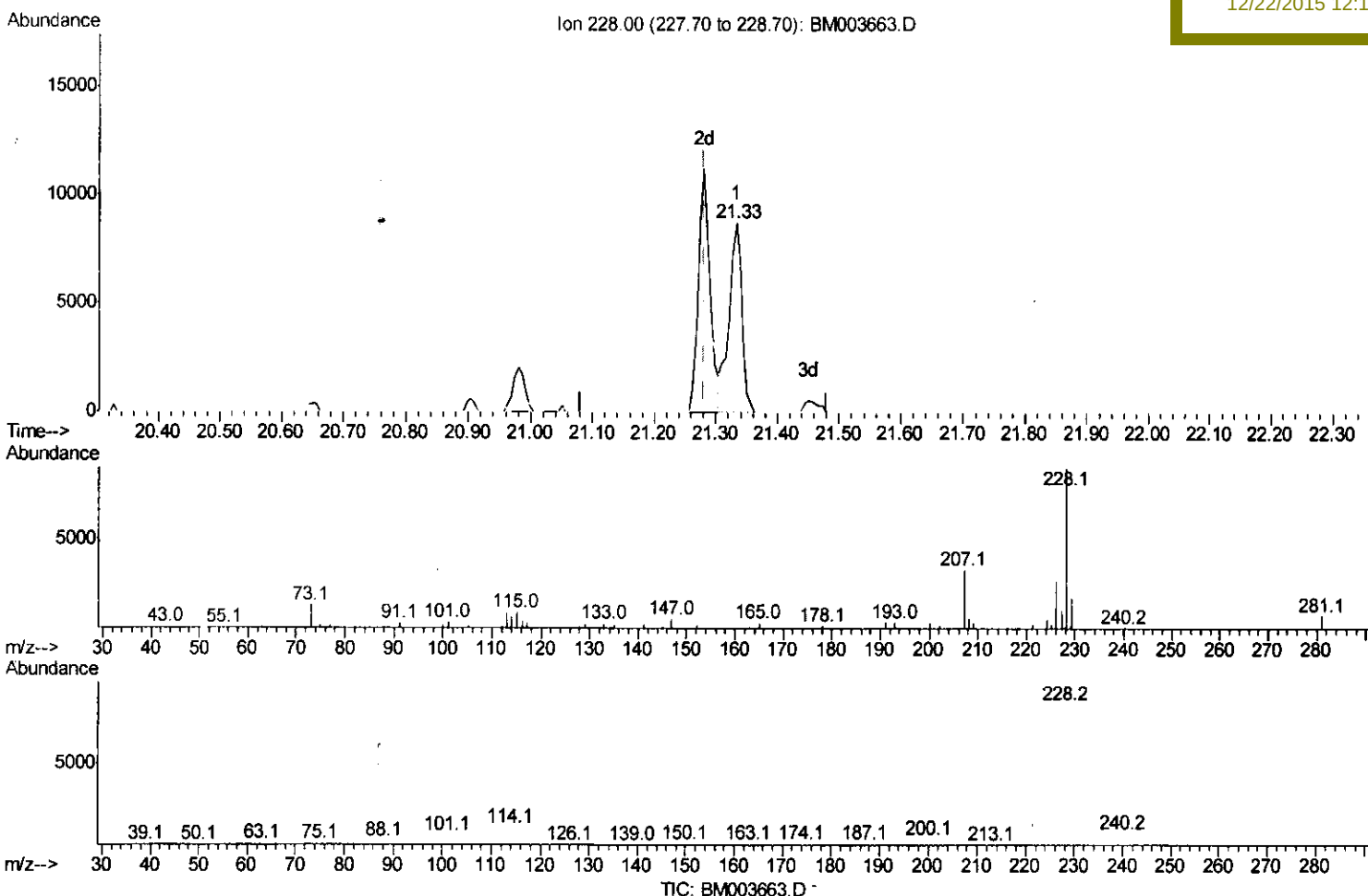
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(83) Benzo(a)anthracene

21.333min (+0.053) 0.98ng/ul

response 12645

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	22.21
226.00	27.20	31.77
0.00	0.00	0.00

Quantitation Report (Qedit)

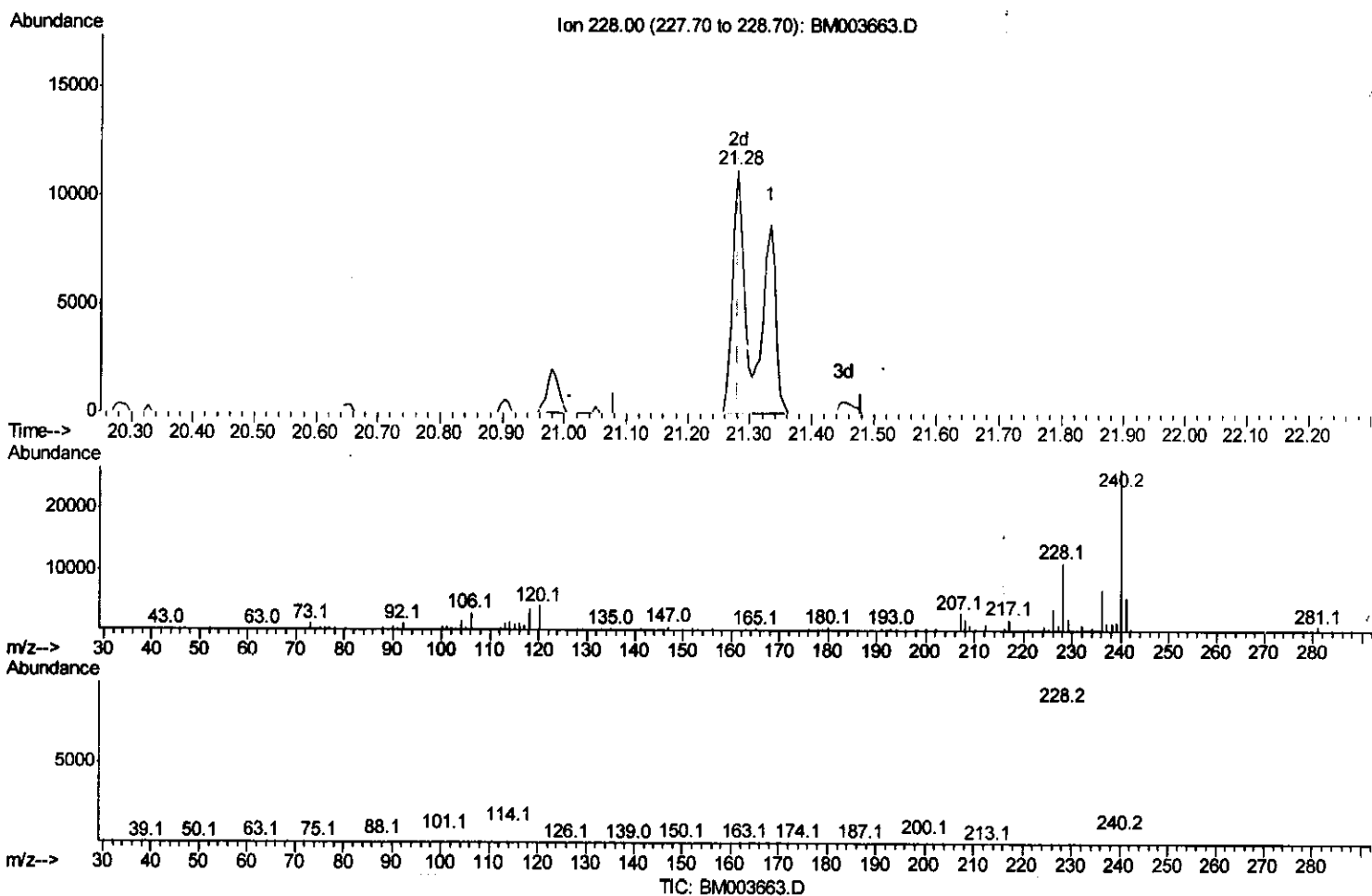
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Manual Integrations
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(83) Benzo(a)anthracene

21.280min (-0.000) 1.15ng/ul m U.M

response 14862

12/22/15

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	20.82
226.00	27.20	33.80#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual Integrations
 APPROVED

apatel
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	20792	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	99346	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	65552	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	154544	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	214625	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	210190	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	400	1.04	ng/uL	0.00
5) Phenol-d5	6.87	99	13990	7.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	33237	35.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	43007	30.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	28911	19.05	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	28992	40.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	31637	39.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	51654	34.90	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.76	166	197692	36.49	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	230579	37.38	ng/ul	0.00
52) 4-Nitrophenol-d4	14.57	143	9774	9.26	ng/ul	0.00
58) Fluorene-d10	15.34	176	165593	36.94	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	31185	35.80	ng/ul	0.00
71) Anthracene-d10	17.20	188	281129	39.98	ng/ul	0.00
79) Pyrene-d10	19.50	212	342156	36.50	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	411613	39.42	ng/ul	0.00

Target Compounds

						Ovalue
14) Acetophenone	8.51	105	15219	6.42	ng/ul#	78
28) Naphthalene	10.56	128	3598385	703.02	ng/ul	99
34) 2-Methylnaphthalene	12.16	142	31219	8.17	ng/ul	98
35) 1-Methylnaphthalene	12.40	142	2227037	613.35	ng/ul	100
41) 1,1'-Biphenyl	13.18	154	388234	72.92	ng/ul	99
48) Acenaphthylene	14.07	152	471906	69.97	ng/ul#	95
50) Acenaphthene	14.42	153	915792	203.32	ng/ul	98
54) Dibenzofuran	14.75	168	100283	15.60	ng/ul	96
59) Fluorene	15.40	166	484368	93.86	ng/ul	100
70) Phenanthrene	17.14	178	832887	97.43	ng/ul	100
72) Anthracene	17.23	178	162858	18.68	ng/ul	99
75) Carbazole	17.50	167	263590	33.13	ng/ul	100
77) Fluoranthene	19.16	202	76473	7.78	ng/ul	99
80) Pyrene	19.53	202	109595	8.87	ng/ul	99
83) Benzo(a)anthracene	21.28	228	14862m	1.15	ng/ul	
85) Chrysene	21.33	228	12645	1.01	ng/ul	96

6 u.m
 12/22/15

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