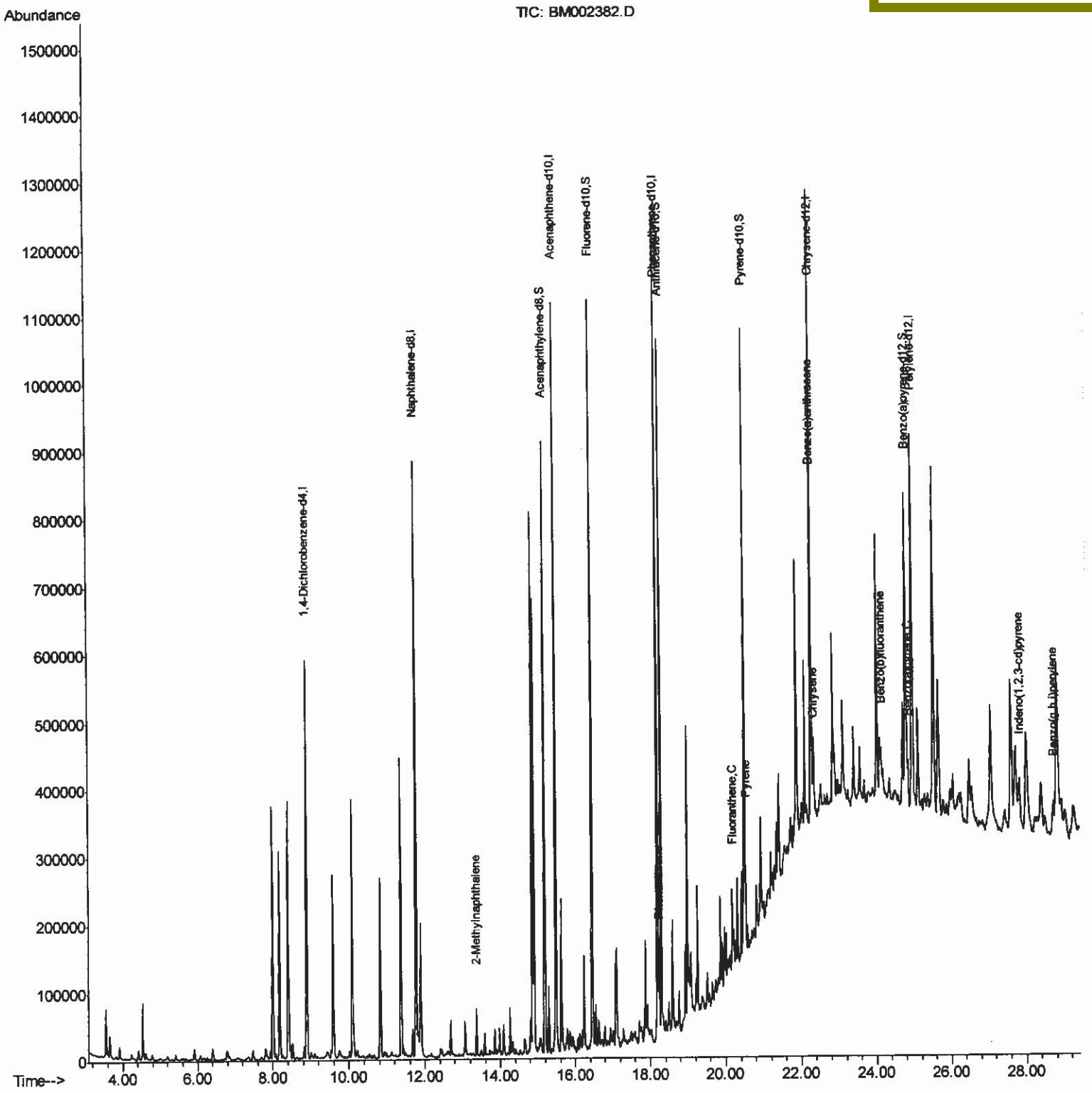
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081315\
Data File : BM002382.D
Acq On : 13 Aug 2015 04:02
Operator : UM/IZ
Sample : G3194-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Aug 13 05:13:30 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 05:08:41 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9D83

Manual Integrations APPROVED
MMDadoda
8/14/2015 3:04:29 PM



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081315\
Data File : BM002382.D
Acq On : 13 Aug 2015 04:02
Operator : UM/IZ
Sample : G3194-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Aug 13 05:13:30 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
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QLast Update : Thu Aug 13 05:08:41 2015
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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	177788	20.00	ng/ul	0.00
2) Naphthalene-d8	11.77	136	794076	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.49	164	388807	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.20	188	698400	20.00	ng/ul	0.00
17) Chrysene-d12	22.28	240	490697	20.00	ng/ul	0.00
22) Perylene-d12	24.98	264	476685	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.19	160	692288	17.19	ng/ul	0.00
10) Fluorene-d10	16.46	176	453283	16.18	ng/ul	0.00
14) Anthracene-d10	18.29	188	583101	17.21	ng/ul	0.00
18) Pyrene-d10	20.51	212	476715	20.03	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.80	264	406064	16.04	ng/ul	0.00
Target Compounds						Qvalue
4) 2-Methylnaphthalene	13.37	142	34150	1.14	ng/ul	95
13) Phenanthrene	18.24	178	64717	1.61	ng/ul	99
16) Fluoranthene	20.18	202	75170	1.69	ng/ul	100
19) Pyrene	20.54	202	66218	2.09	ng/ul	98
20) Benzo(a)anthracene	22.26	228	42178	1.41	ng/ul#	93
21) Chrysene	22.32	228	51912	1.83	ng/ul#	92
23) Benzo(b)fluoranthene	24.14	252	63470	2.14	ng/ul#	89
26) Benzo(a)pyrene	24.86	252	41624	1.47	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	27.84	276	32982m	1.01	ng/ul	
29) Benzo(g,h,i)perylene	28.72	276	57828	2.11	ng/ul	93

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

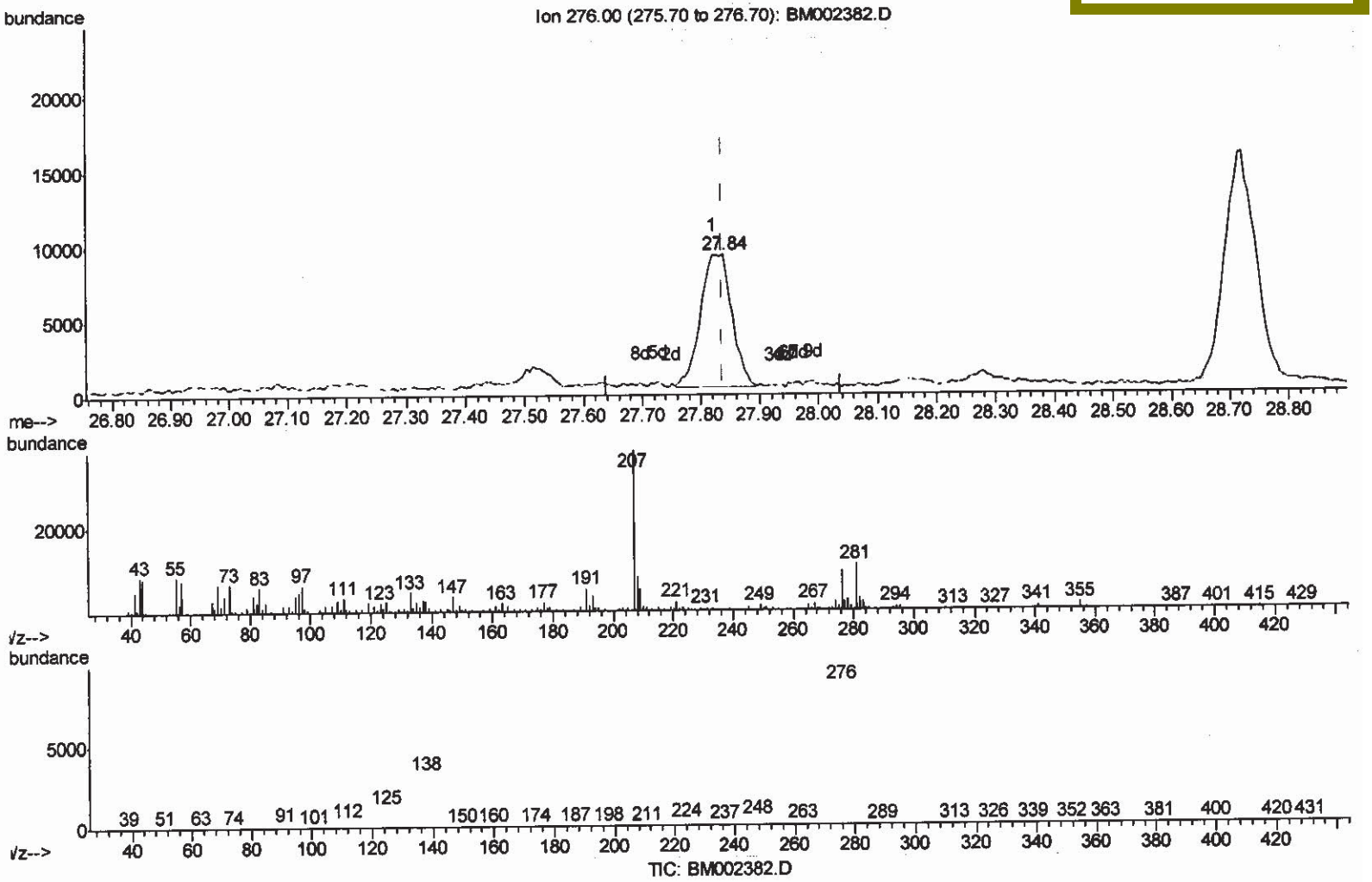
U. A1
08/15/15

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081315\
Data File : BM002382.D
Acq On : 13 Aug 2015 04:02
Operator : UM/IZ
Sample : G3194-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Aug 13 05:12:54 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 05:08:41 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9D83

Manual Integrations APPROVED
MMDadoda
8/14/2015 3:04:29 PM



TIC: BM002382.D

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

27.838min (-0.000) 1.01ng/ul m

response 32982

Ion	Exp%	Act%
276.00	100	100
138.00	32.00	30.15
277.00	26.20	26.42
0.00	0.00	0.00

U.M 08/16/15

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Misc :
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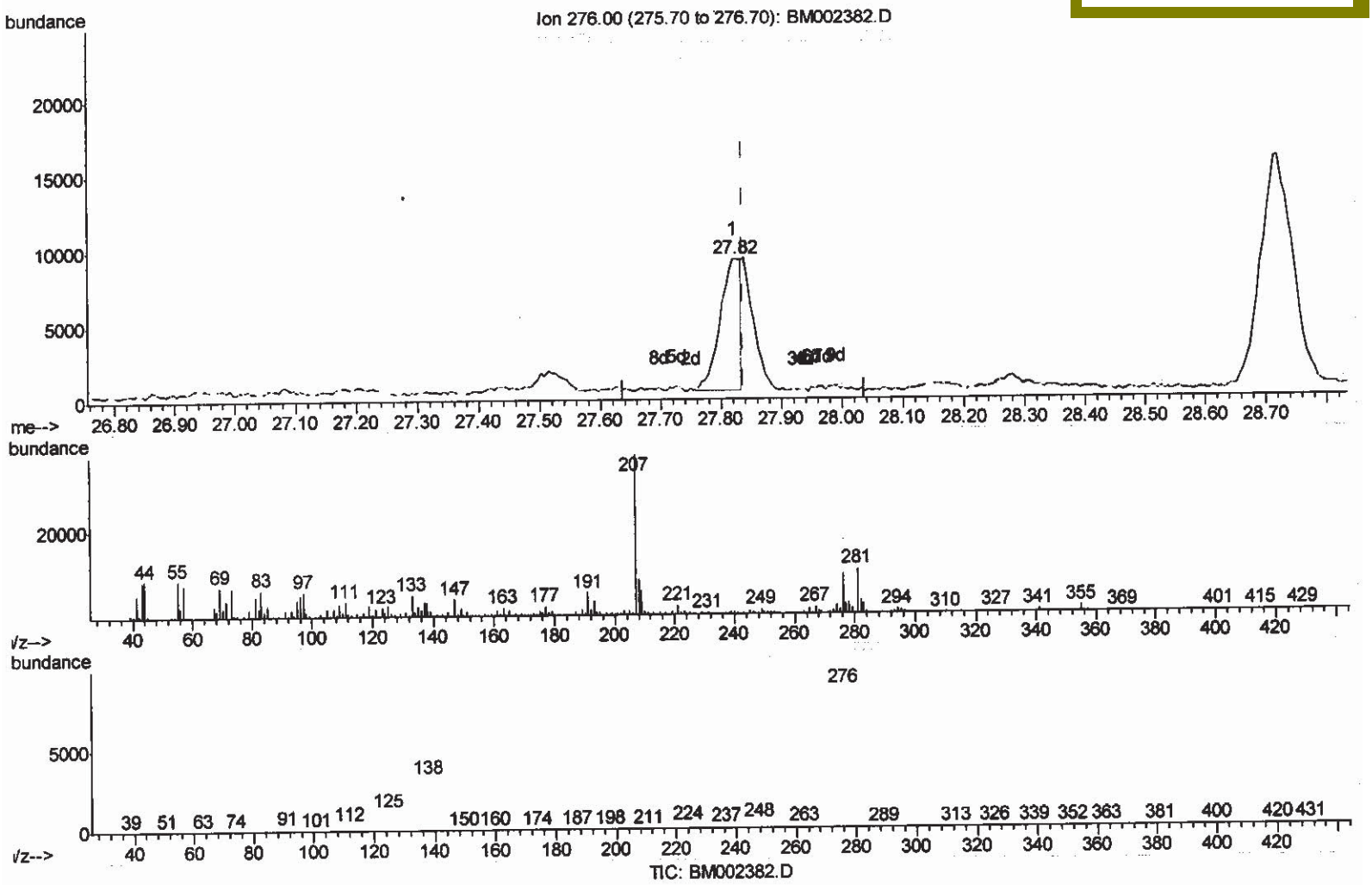
Manual Integrations APPROVED
MMDadoda
8/14/2015 3:04:29 PM



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

27.820min (-0.018) 0.63ng/ul

response 20497

Ion	Exp%	Act%
276.00	100	100
138.00	32.00	36.82
277.00	26.20	27.77
0.00	0.00	0.00