

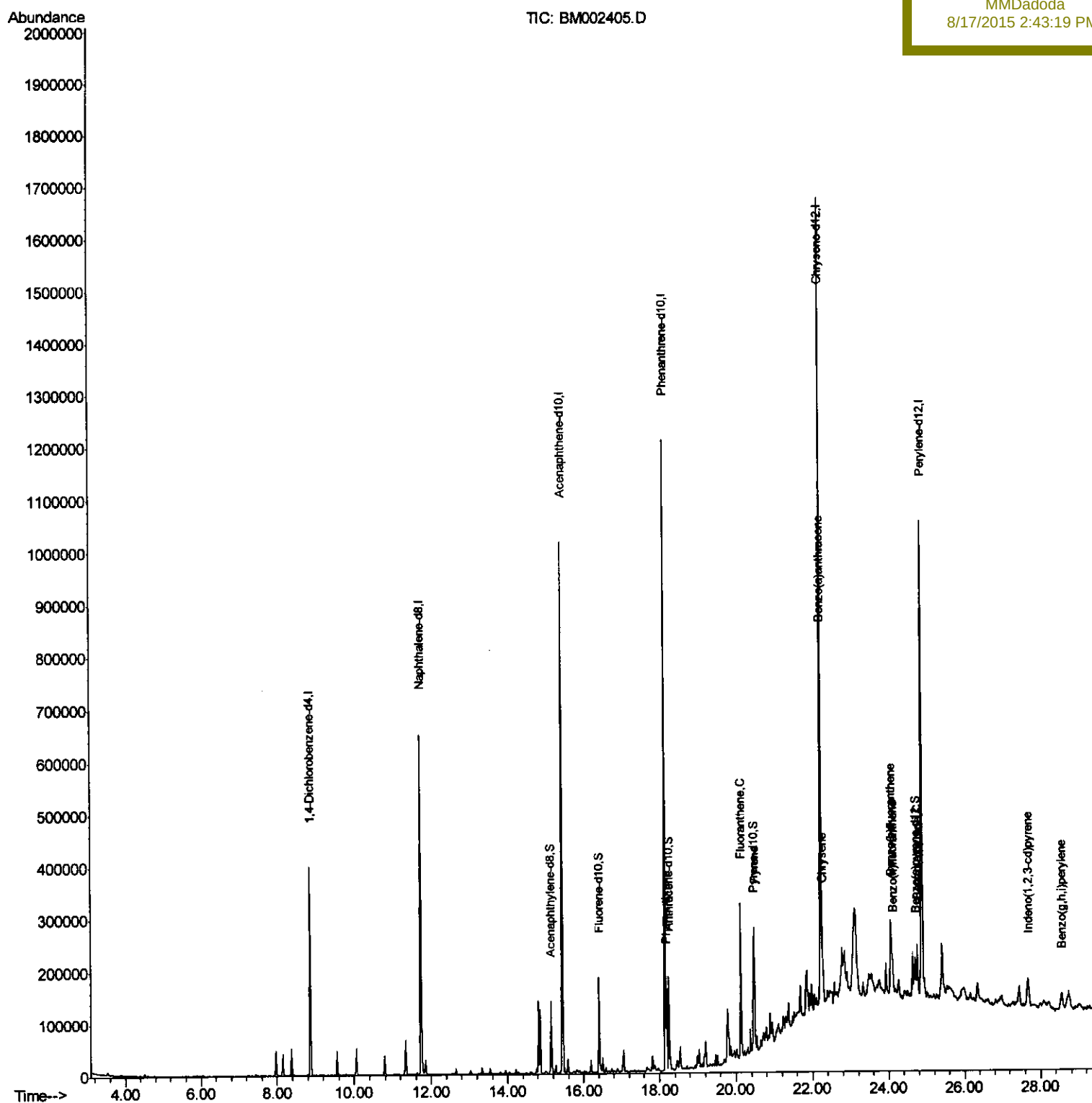
Data Path : Z:\HPCHEM1\BNA M\DATA\BM081415\
Data File : BM002405.D
Acq On : 15 Aug 2015 03:06
Operator : UM/IZ
Sample : G3219-04 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 17 02:34:58 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 17 02:04:41 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9D97DL

Manual Integrations
APPROVED

MMDadoda
8/17/2015 2:43:19 PM



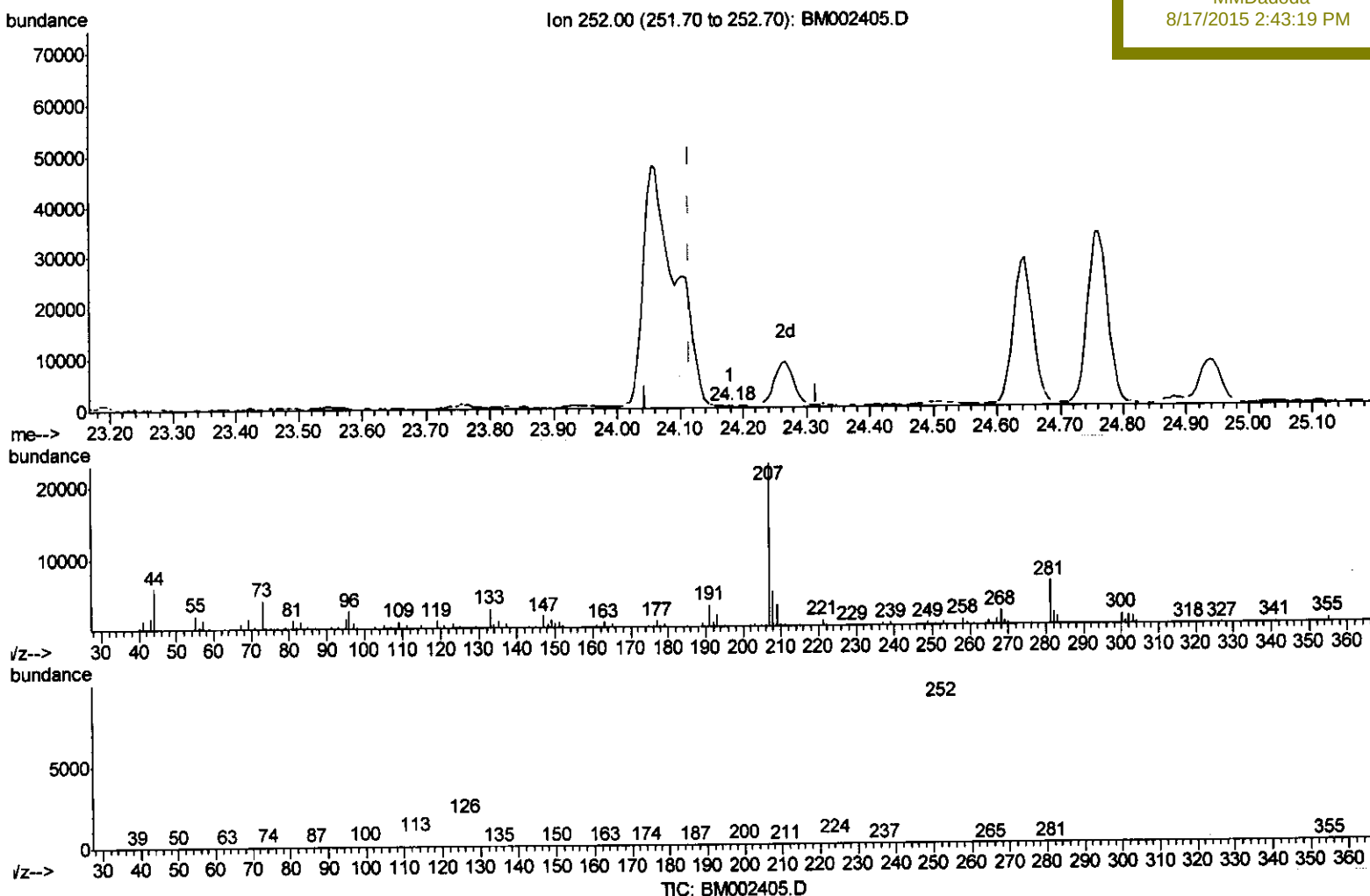
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(24) Benzo(k)fluoranthene

24.180min (+0.064) 0.00ng/ui

response 133

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	160.48#
125.00	12.30	137.52#
0.00	0.00	0.00

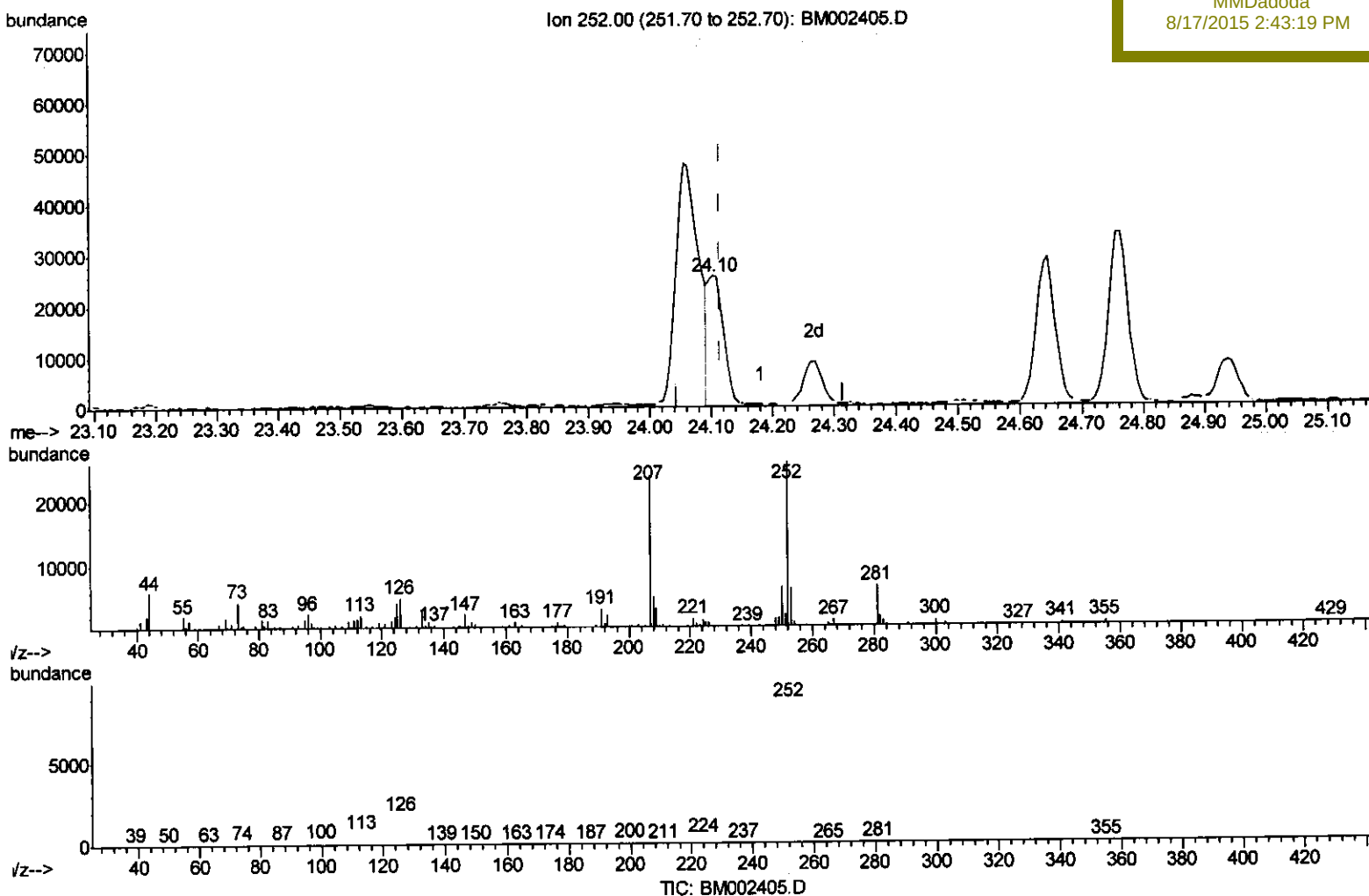
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Manual Integrations
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(24) Benzo(k)fluoranthene

24.103min (-0.012) 1.05ng/ul m

response 44768

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	24.41
125.00	12.30	15.96#
0.00	0.00	0.00

> $\frac{U.M}{08/18/15}$

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	122749	20.00	ng/ul	0.00
2) Naphthalene-d8	11.73	136	612152	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.44	164	351418	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.15	188	747645	20.00	ng/ul	0.00
17) Chrysene-d12	22.23	240	793474	20.00	ng/ul	0.00
22) Perylene-d12	24.88	264	746607	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.15	160	111150	3.09	ng/ul	0.00
10) Fluorene-d10	16.42	176	77472	3.07	ng/ul	0.00
14) Anthracene-d10	18.24	188	104025	2.88	ng/ul	0.00
18) Pvrene-d10	20.46	212	97799	2.78	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.70	264	66069	1.68	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Phenanthrene	18.19	178	99022	2.29	ng/ul	98
16) Fluoranthene	20.13	202	177690	3.64	ng/ul	99
19) Pvrene	20.49	202	136223	2.93	ng/ul	98
20) Benzo(a)anthracene	22.20	228	91275	1.92	ng/ul	98
21) Chrysene	22.26	228	92214	2.08	ng/ul	96
23) Benzo(b)fluoranthene	24.06	252	124210	2.75	ng/ul	97
24) Benzo(k)fluoranthene	24.10	252	44768m	1.05	ng/ul	97
26) Benzo(a)pyrene	24.76	252	75829	1.76	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	27.68	276	51234	1.03	ng/ul	93
29) Benzo(a,h,i)perylene	28.55	276	43935	1.06	ng/ul	98

U.M.
08/18/15

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