

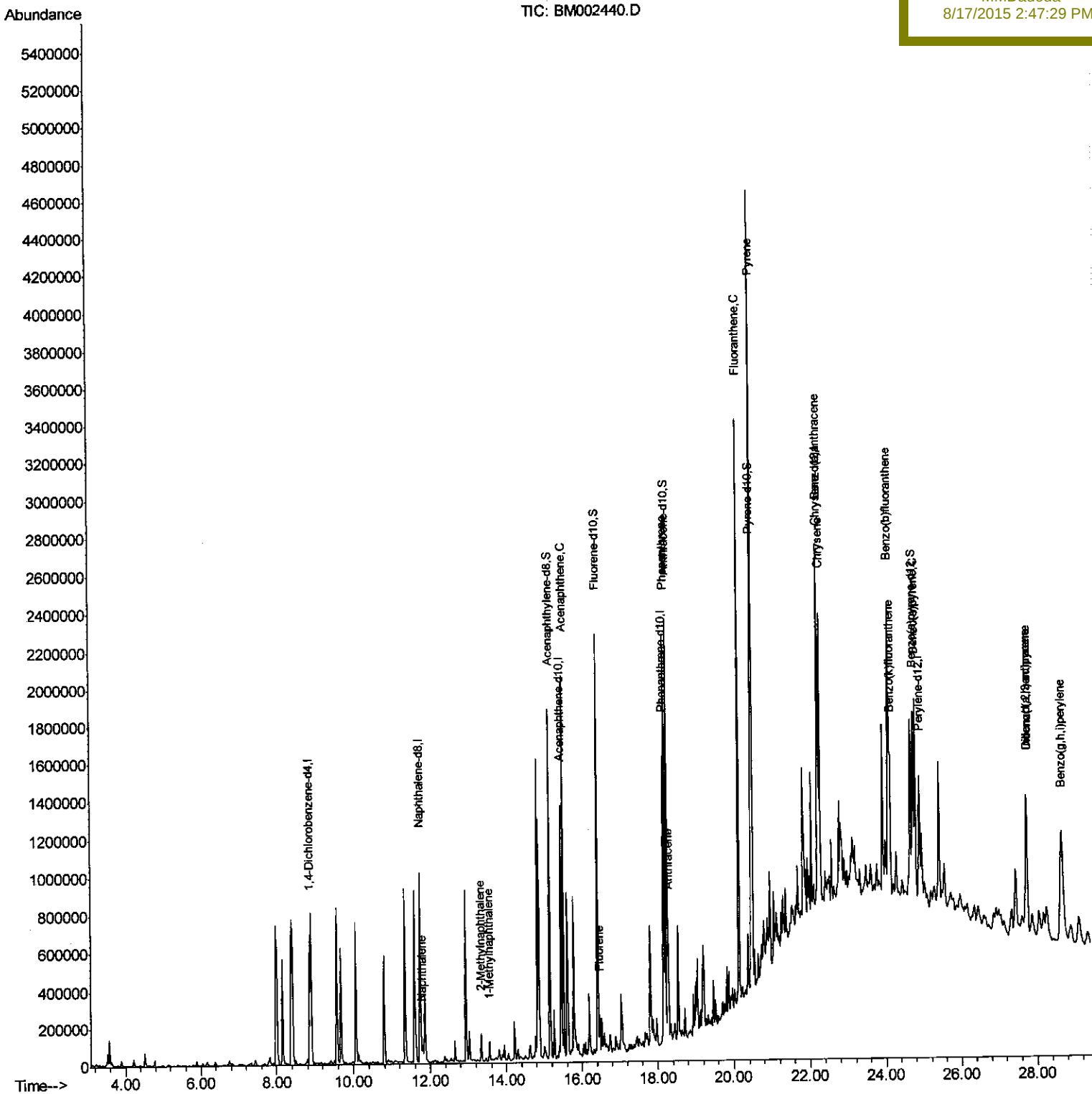
Data Path : Z:\HPCHEM1\BNA M\DATA\BM081415\
Data File : BM002440.D
Acq On : 16 Aug 2015 00:29
Operator : UM/IZ
Sample : G3194-18MS
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Aug 17 07:15:59 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 17 05:12:59 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampled :
D9DB8MS

Manual Integrations
APPROVED

MMDadoda
8/17/2015 2:47:29 PM

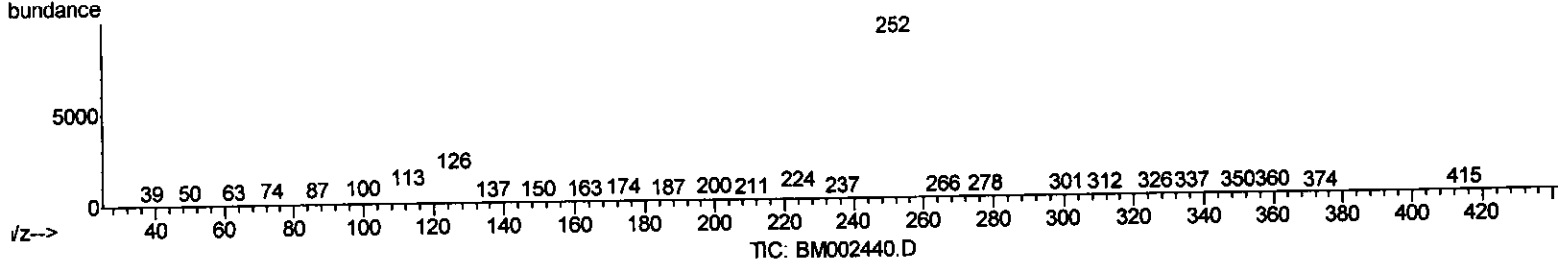
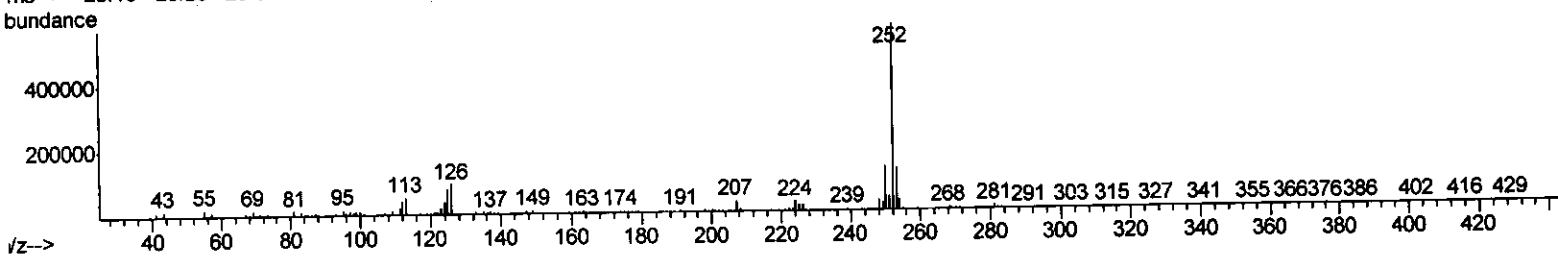
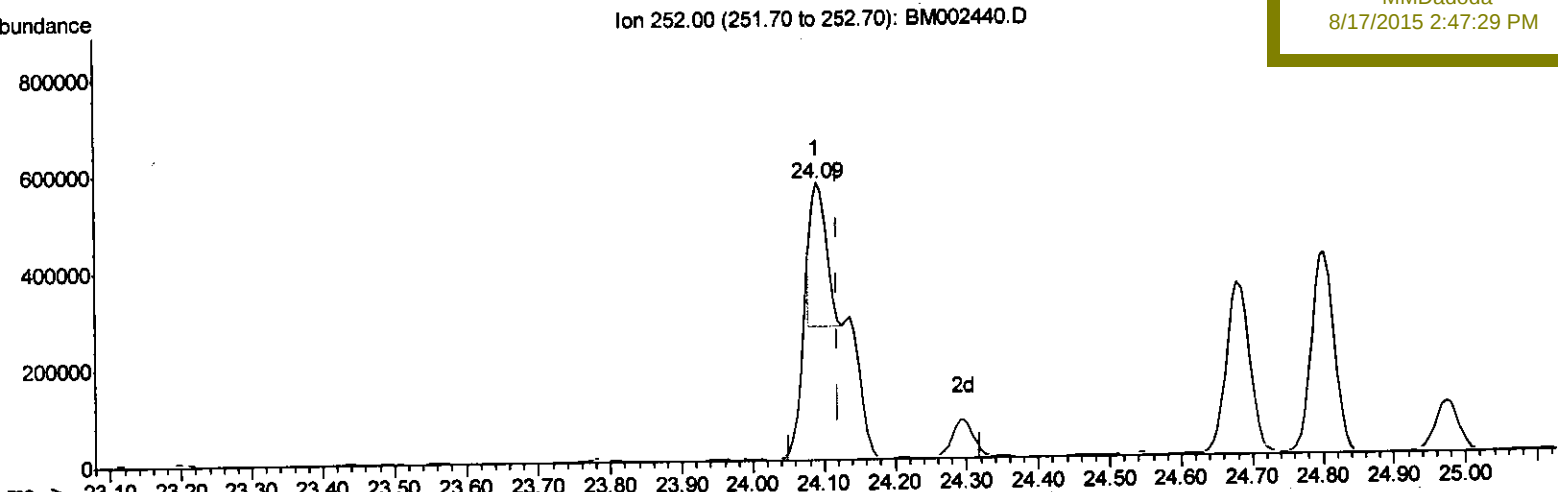


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Quant Time: Aug 17 05:19:24 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

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ClientSampleId :
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Manual Integrations
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(24) Benzo(k)fluoranthene
24.091min (-0.029) 13.09ng/ui
response 433247

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	22.81
125.00	12.30	13.83
0.00	0.00	0.00

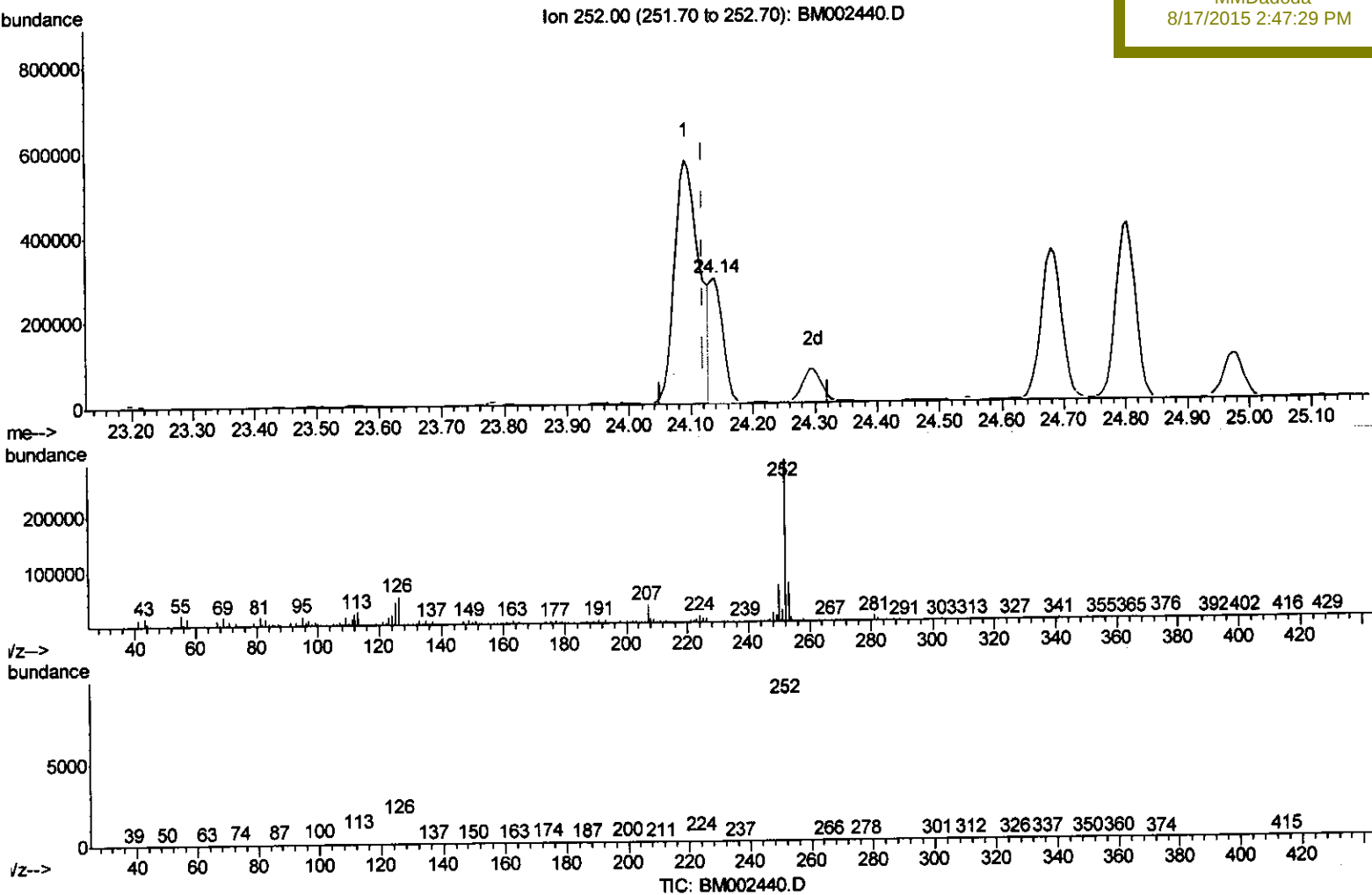
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Instrument :
BNA_M
ClientSampleId :
D9DB8MS

Manual Integrations
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(24) Benzo(k)fluoranthene

24.138min (+0.018) 13.25ng/ul m

response 438708

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	23.79
125.00	12.30	13.59
0.00	0.00	0.00

0.4
08/18/15

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081415\
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 Acq On : 16 Aug 2015 00:29
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 Sample : G3194-18MS
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Quant Time: Aug 17 07:15:59 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 17 05:12:59 2015
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 D9DB8MS

Manual Integrations
 APPROVED

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 8/17/2015 2:47:29 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	207293	20.00	ng/ul	0.00
2) Naphthalene-d8	11.75	136	913199	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.46	164	460834	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.16	188	903252	20.00	ng/ul	0.00
17) Chrysene-d12	22.24	240	611704	20.00	ng/ul	0.00
22) Perylene-d12	24.91	264	577904	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	15.16	160	1416757	30.07	ng/ul	0.00
10) Fluorene-d10	16.43	176	937331	28.32	ng/ul	0.00
14) Anthracene-d10	18.26	188	1294160	29.70	ng/ul	0.01
18) Pyrene-d10	20.48	212	1078050	39.76	ng/ul	0.01
25) Benzo(a)pyrene-d12	24.74	264	872787	28.75	ng/ul	0.02
Target Compounds						
					Ovalue	
3) Naphthalene	11.79	128	86593	1.86	ng/ul	100
4) 2-Methylnaphthalene	13.33	142	74499	2.13	ng/ul	98
5) 1-Methylnaphthalene	13.55	142	50936	1.47	ng/ul	98
9) Acenaphthene	15.52	153	870968	26.81	ng/ul	100
11) Fluorene	16.48	166	86100	2.31	ng/ul#	98
13) Phenanthrene	18.20	178	1384181	26.54	ng/ul	100
15) Anthracene	18.29	178	349535	6.61	ng/ul	100
16) Fluoranthene	20.15	202	1916115	32.45	ng/ul	99
19) Pyrene	20.51	202	2519696	70.31	ng/ul	100
20) Benzo(a)anthracene	22.22	228	896941	24.52	ng/ul	99
21) Chrysene	22.28	228	975960	28.53	ng/ul	97
23) Benzo(b)fluoranthene	24.09	252	1571807	44.99	ng/ul	97
24) Benzo(k)fluoranthene	24.14	252	438708m)	13.25	ng/ul	
26) Benzo(a)pyrene	24.80	252	925552	27.74	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	27.75	276	796185	20.75	ng/ul	94
28) Dibenzo(a,h)anthracene	27.74	278	254079	7.92	ng/ul#	90
29) Benzo(a,h,i)perylene	28.64	276	733065	22.95	ng/ul	99

U.M
 08/18/15

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