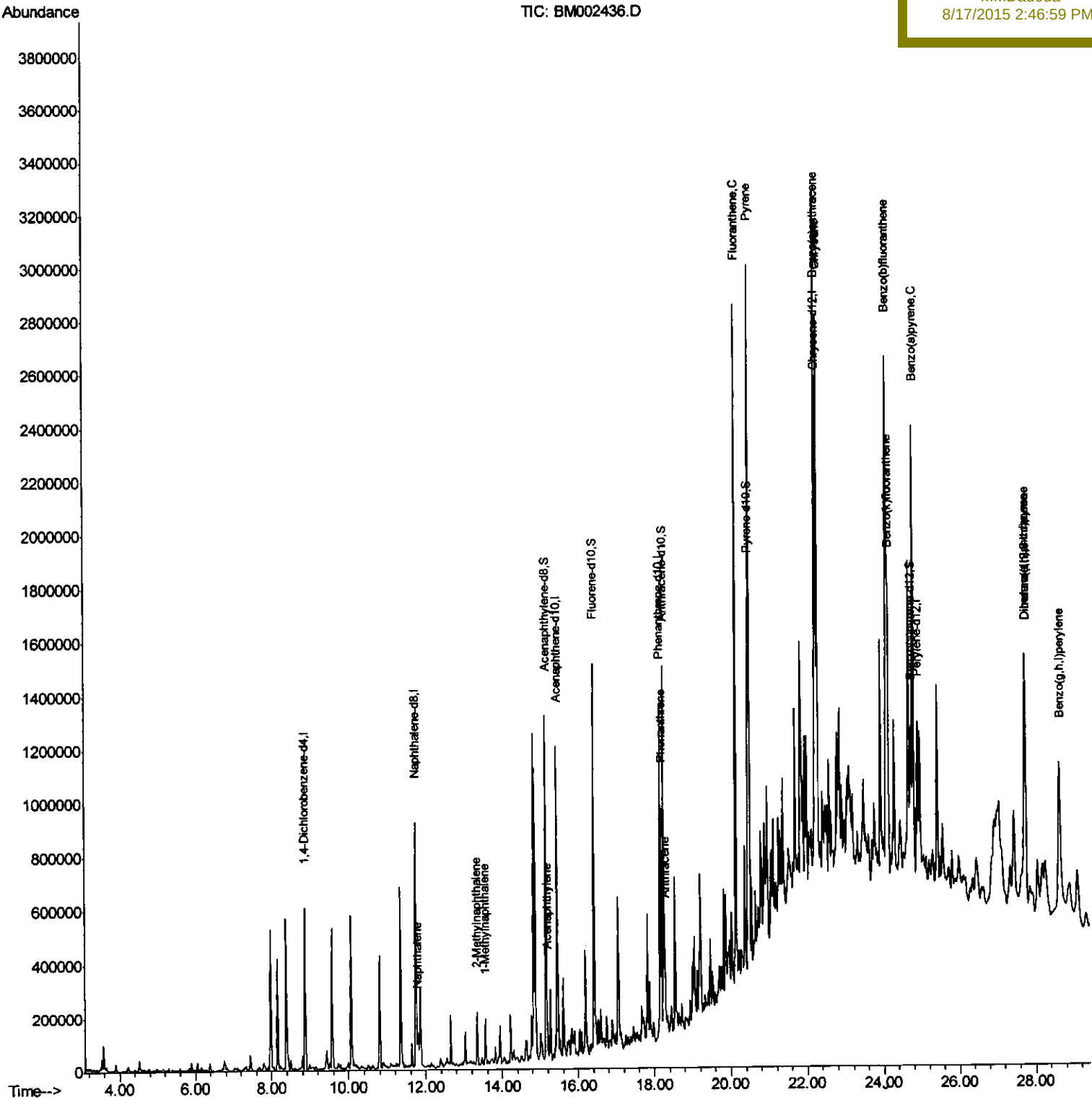


Data Path : Z:\HPCHEM1\BNA M\DATA\BM081415\
Data File : BM002436.D
Acq On : 15 Aug 2015 22:04
Operator : UM/IZ
Sample : G3219-03
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Aug 17 06:41:17 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 :
D9D96

Manual Integrations
APPROVED
MMDadoda
8/17/2015 2:46:59 PM

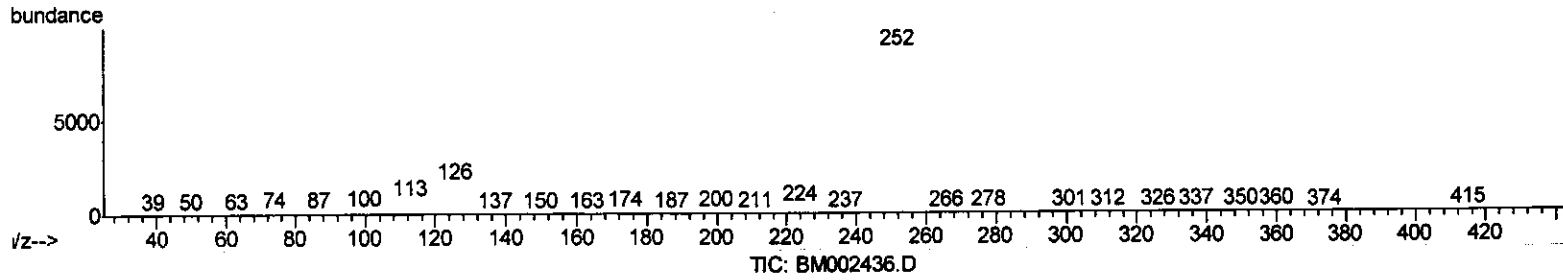
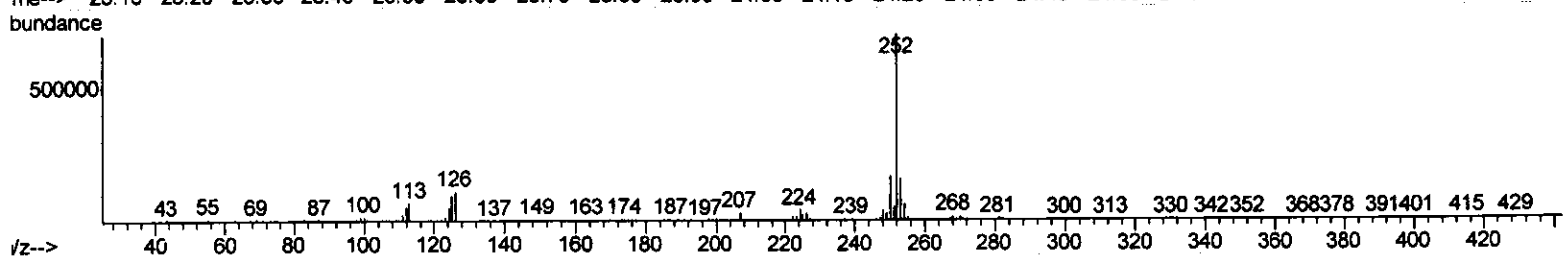
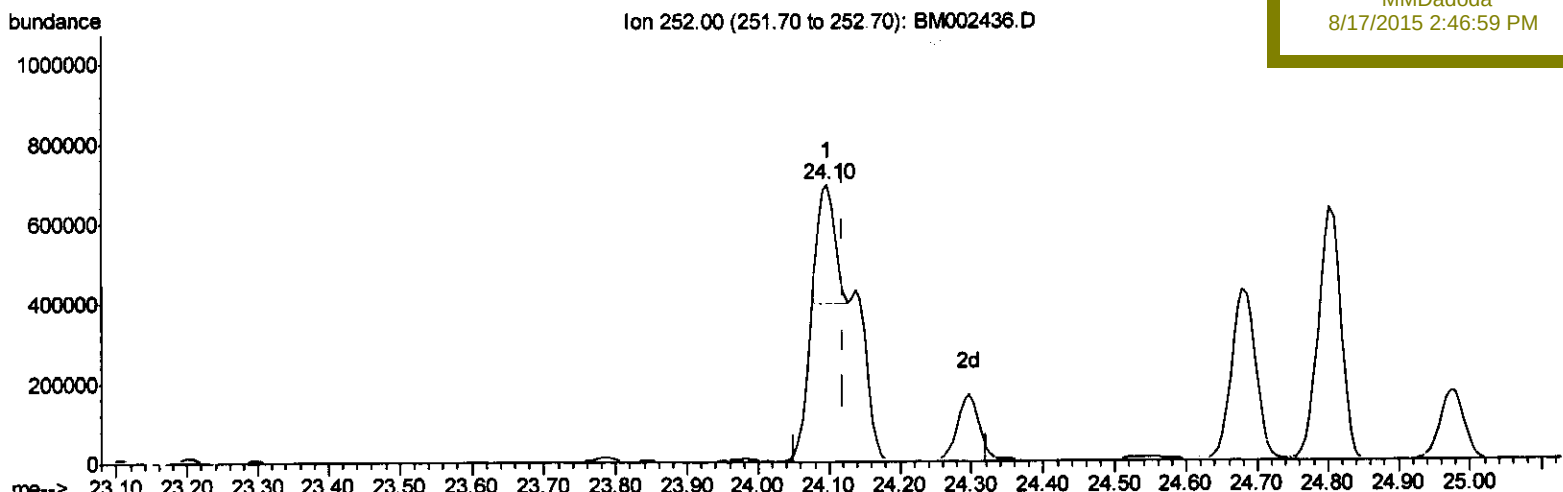


Data Path : Z:\HPCHEM1\BNA M\DATA\BM081415\
 Data File : BM002436.D
 Acq On : 15 Aug 2015 22:04
 Operator : UM/IZ
 Sample : G3219-03
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Quant Time: Aug 17 05:18:39 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 :
 D9D96

Manual Integrations
 APPROVED
 MMDadoda
 8/17/2015 2:46:59 PM



(24) Benzo(k)fluoranthene
 24.097min (-0.024) 15.74ng/ui
 response 463452

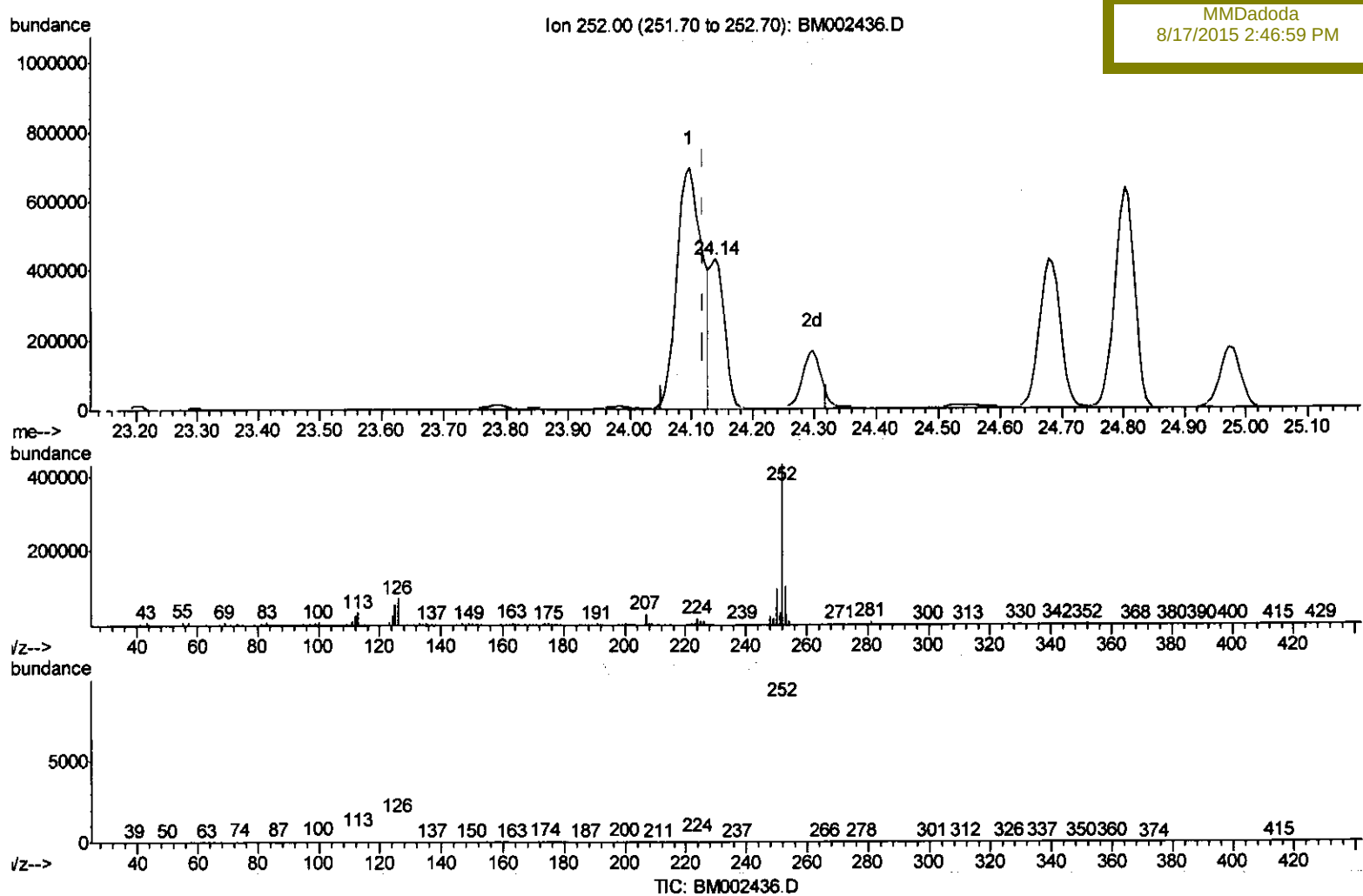
Ion	Exp%	Act%
252.00	100	100
253.00	22.20	22.55
125.00	12.30	13.43
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081415\
 Data File : BM002436.D
 Acq On : 15 Aug 2015 22:04
 Operator : UM/IZ
 Sample : G3219-03
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Quant Time: Aug 17 05:18:39 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 :
 D9D96

Manual Integrations
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(24) Benzo(k)fluoranthene

24.138min (+0.018) 23.45ng/ul m

response 690762

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	23.90
125.00	12.30	13.02
0.00	0.00	0.00

U.M
 08/18/15

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081415\
 Data File : BM002436.D
 Acq On : 15 Aug 2015 22:04
 Operator : UM/IZ
 Sample : G3219-03
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Quant Time: Aug 17 06:41:17 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 :
 D9D96

Manual Integrations
 APPROVED

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 8/17/2015 2:46:59 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	182056	20.00	ng/ul	0.00
2) Naphthalene-d8	11.75	136	819838	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.45	164	416638	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.16	188	753500	20.00	ng/ul	0.00
17) Chrysene-d12	22.24	240	502029	20.00	ng/ul	0.01
22) Perylene-d12	24.91	264	514064	20.00	ng/ul	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.16	160	980823	23.03	ng/ul	0.00
10) Fluorene-d10	16.43	176	627725	20.98	ng/ul	0.00
14) Anthracene-d10	18.26	188	795788	21.89	ng/ul	0.00
18) Pvrene-d10	20.47	212	610865	27.45	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.74	264	513098	19.00	ng/ul	0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	11.79	128	116684	2.79	ng/ul	99
4) 2-Methylnaphthalene	13.33	142	100280	3.20	ng/ul	99
5) 1-Methylnaphthalene	13.55	142	82268	2.65	ng/ul	98
8) Acenaphthylene	15.19	152	80476	1.80	ng/ul	97
13) Phenanthrene	18.20	178	523327	12.03	ng/ul	100
15) Anthracene	18.29	178	198348	4.50	ng/ul	98
16) Fluoranthene	20.15	202	1574655	31.97	ng/ul	99
19) Pvrene	20.50	202	1519633	51.67	ng/ul	100
20) Benzo(a)anthracene	22.22	228	1318414	43.92	ng/ul	98
21) Chrysene	22.29	228	1276382	45.46	ng/ul	96
23) Benzo(b)fluoranthene	24.10	252	1988040	63.97	ng/ul	98
24) Benzo(k)fluoranthene	24.14	252	690762m	23.45	ng/ul	98
26) Benzo(a)pvrene	24.80	252	1402647	47.25	ng/ul	98
27) Indeno(1,2,3-cd)pvrene	27.76	276	961698	28.17	ng/ul	95
28) Dibenzo(a,h)anthracene	27.74	278	293242	10.28	ng/ul#	85
29) Benzo(a,h,i)perylene	28.64	276	792002	27.87	ng/ul	98

U.M
 08/18/15

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