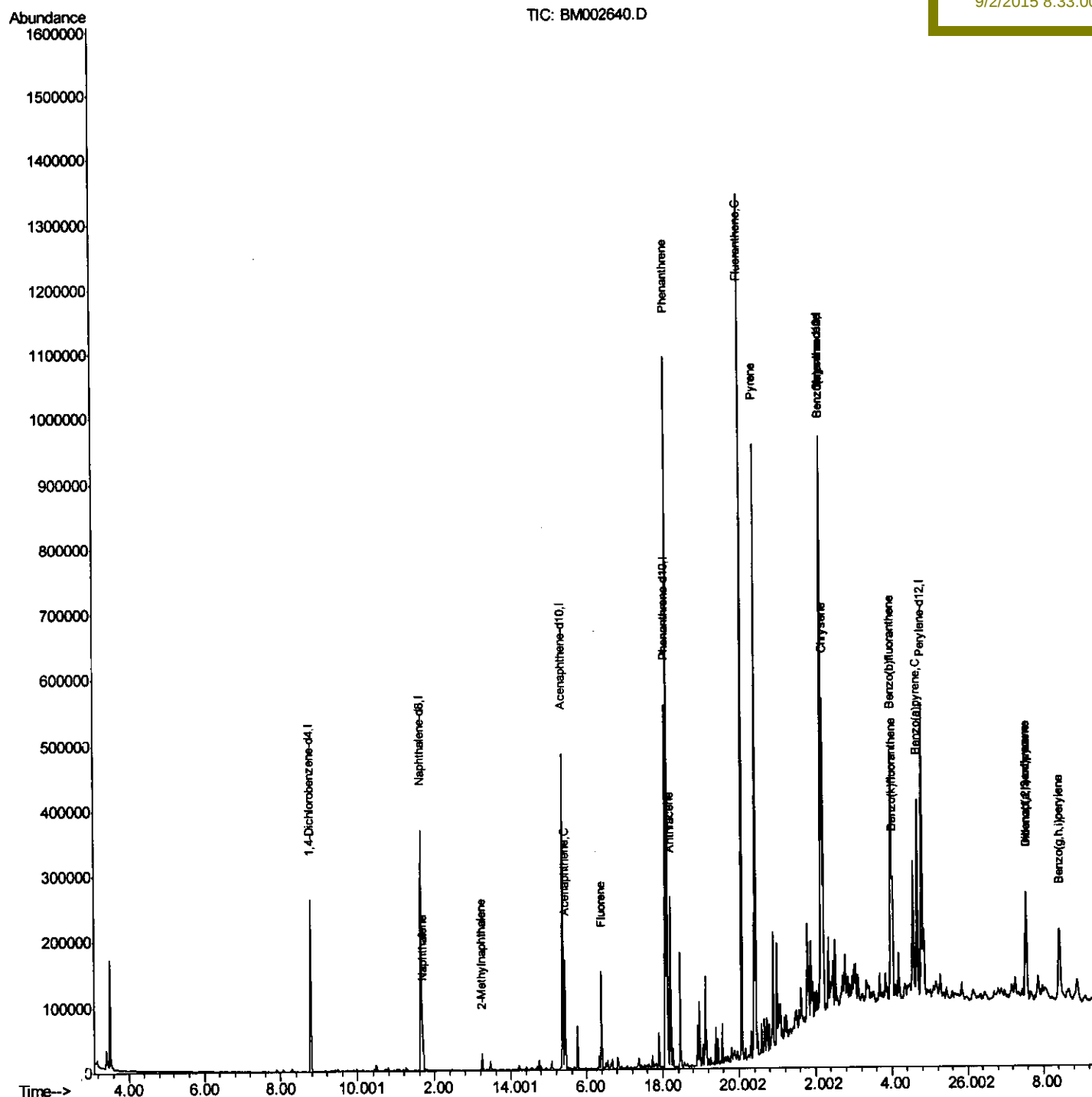


Quant Time: Sep 02 17:35:44 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 02 17:21:03 2015
Response via : Initial Calibration

Manual Integrations

apatel
9/2/2015 8:33:00 PM



Quantitation Report (Qedit)

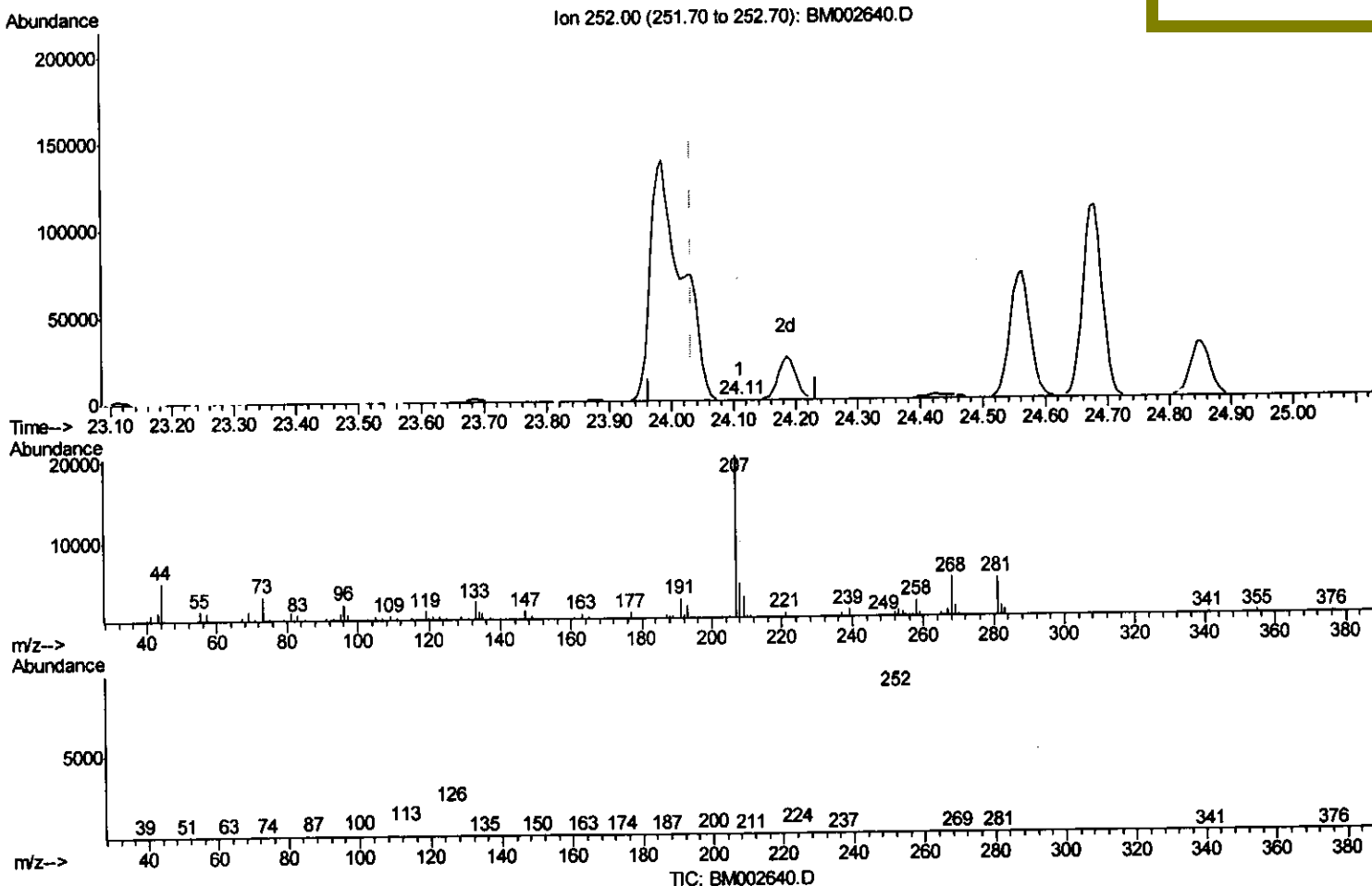
Data Path : Z:\HPCHEM1\BNA_M\Data\BM090215\
 Data File : BM002640.D
 Acq On : 02 Sep 2015 12:28
 Operator : UM/IZ
 Sample : G3456-21DL2 25X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9EA6DL2

Quant Time: Sep 02 17:25:12 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 02 17:21:03 2015
 Response via : Initial Calibration

Manual Integrations
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(24) Benzo(k)fluoranthene

24.109min (+0.076) 0.01ng/ul

response 276

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	154.74#
125.00	12.30	70.76#
0.00	0.00	0.00

Quantitation Report (Qedit)

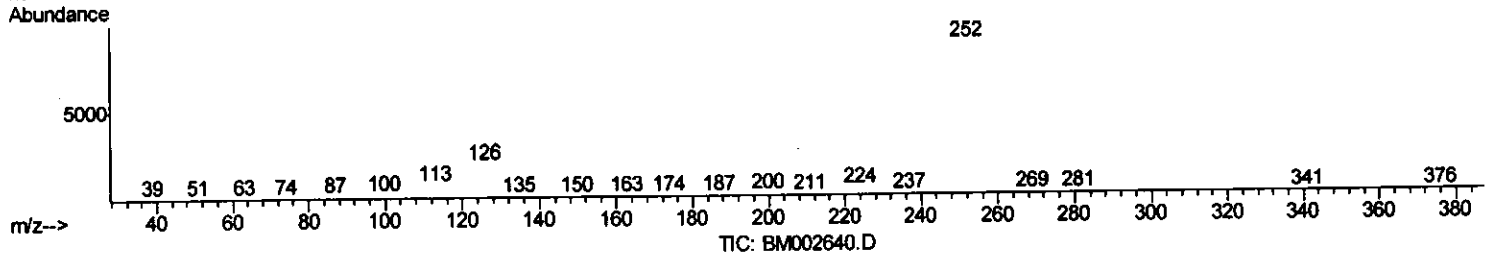
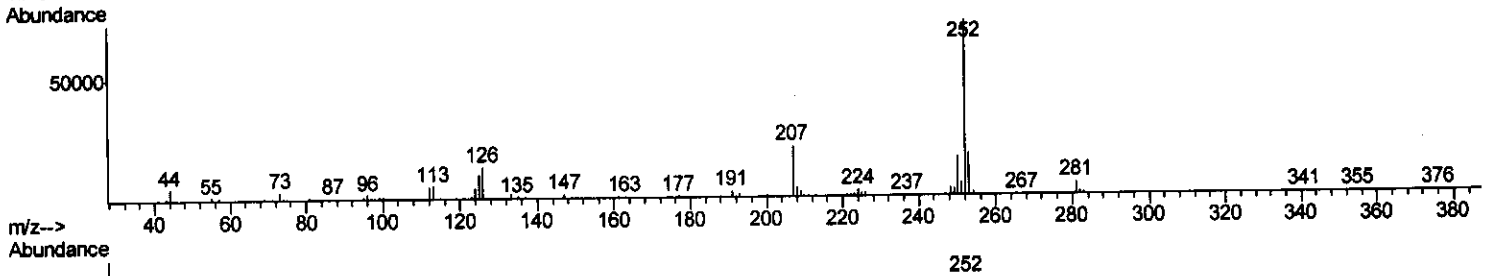
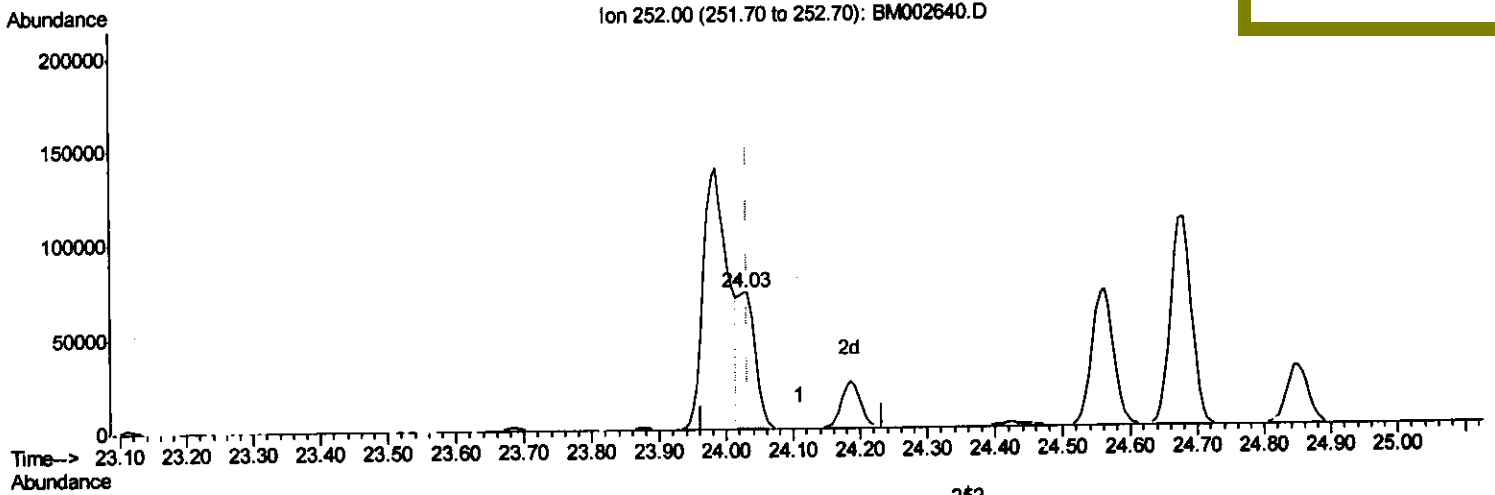
Data Path : Z:\HPCHEM1\BNA_M\Data\BM090215\
 Data File : BM002640.D
 Acq On : 02 Sep 2015 12:28
 Operator : UM/IZ
 Sample : G3456-21DL2 25X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9EA6DL2

Quant Time: Sep 02 17:25:12 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 02 17:21:03 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

apatel
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(24) Benzo(k)fluoranthene

24.027min (-0.006) 5.80ng/ul m U.M

response 120155

9/3/15

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	24.23
125.00	12.30	14.09
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM090215\
 Data File : BM002640.D
 Acq On : 02 Sep 2015 12:28
 Operator : UM/IZ
 Sample : G3456-21DL2 25X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9EA6DL2

Quant Time: Sep 02 17:35:44 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 02 17:21:03 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

apatel
 9/2/2015 8:33:00 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	82347	20.00	ng/ul	0.00
2) Naphthalene-d8	11.65	136	347689	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.37	164	171653	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.08	188	345897	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	354078	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	361631	20.00	ng/ul	0.00

System Monitoring Compounds

7) Acenaphthylene-d8	15.07	160	12265	0.70	ng/ul	0.00
10) Fluorene-d10	16.34	176	9365	0.76	ng/ul	0.00
14) Anthracene-d10	18.17	188	13598	0.81	ng/ul	0.00
18) Pyrene-d10	20.40	212	13230	0.84	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.62	264	13646	0.72	ng/ul	0.00

Target Compounds

						Qvalue
3) Naphthalene	11.69	128	67964	3.83	ng/ul	100
4) 2-Methylnaphthalene	13.24	142	15949	1.20	ng/ul	100
9) Acenaphthene	15.43	153	74121	6.13	ng/ul	99
11) Fluorene	16.39	166	73705	5.32	ng/ul	100
13) Phenanthrene	18.12	178	675192	33.80	ng/ul	99
15) Anthracene	18.21	178	171620	8.48	ng/ul	99
16) Fluoranthene	20.07	202	777493	34.38	ng/ul	98
19) Pyrene	20.43	202	560730	27.03	ng/ul	99
20) Benzo(a)anthracene	22.14	228	322662	15.24	ng/ul	98
21) Chrysene	22.20	228	279390	14.11	ng/ul	96
23) Benzo(b)fluoranthene	23.99	252	357299	16.34	ng/ul	99
24) Benzo(k)fluoranthene	24.03	252	120155m)	5.80	ng/ul	98
26) Benzo(a)pyrene	24.68	252	240870	11.53	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	27.56	276	162825	6.78	ng/ul	95
28) Dibenzo(a,h)anthracene	27.56	278	45199	2.25	ng/ul#	76
29) Benzo(g,h,i)perylene	28.43	276	133800	6.69	ng/ul	97

U.M
 9/3/15

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