

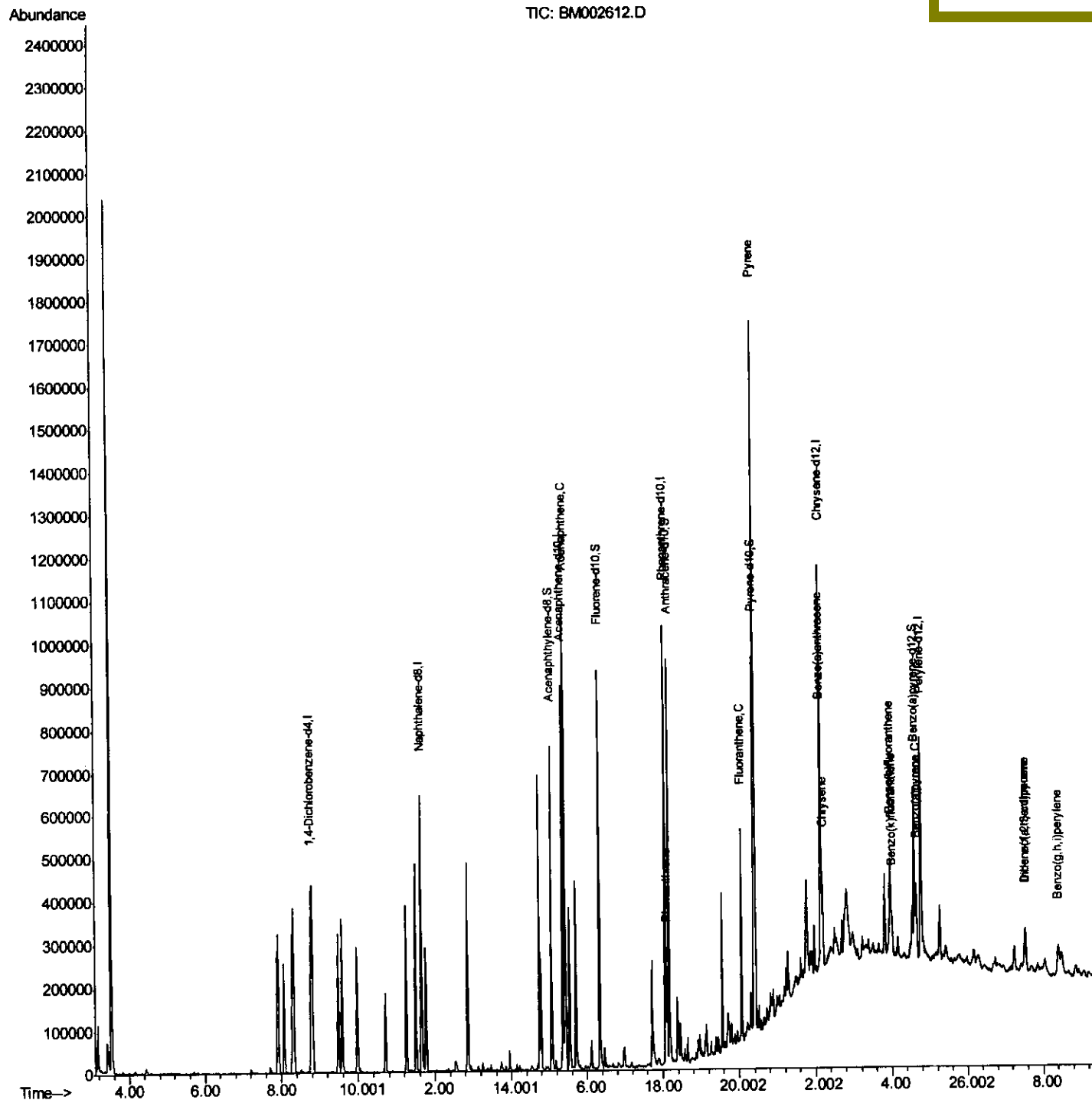
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM083115\
Data File : BM002612.D
Acq On : 01 Sep 2015 05:08
Operator : UM/IZ
Sample : G3457-03MD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
Client Sampled :
D9EA4MSD

Quant Time: Sep 01 05:42:13 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 01 02:00:58 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

MMDadoda
9/1/2015 2:58:32 PM



Quantitation Report (Qedit)

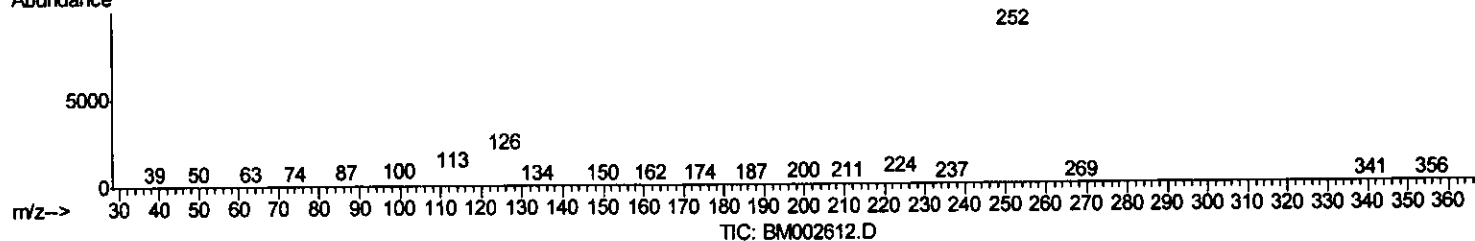
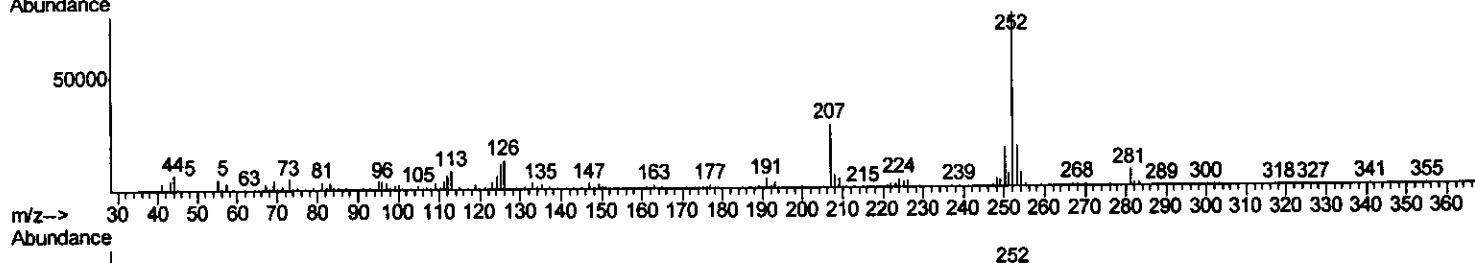
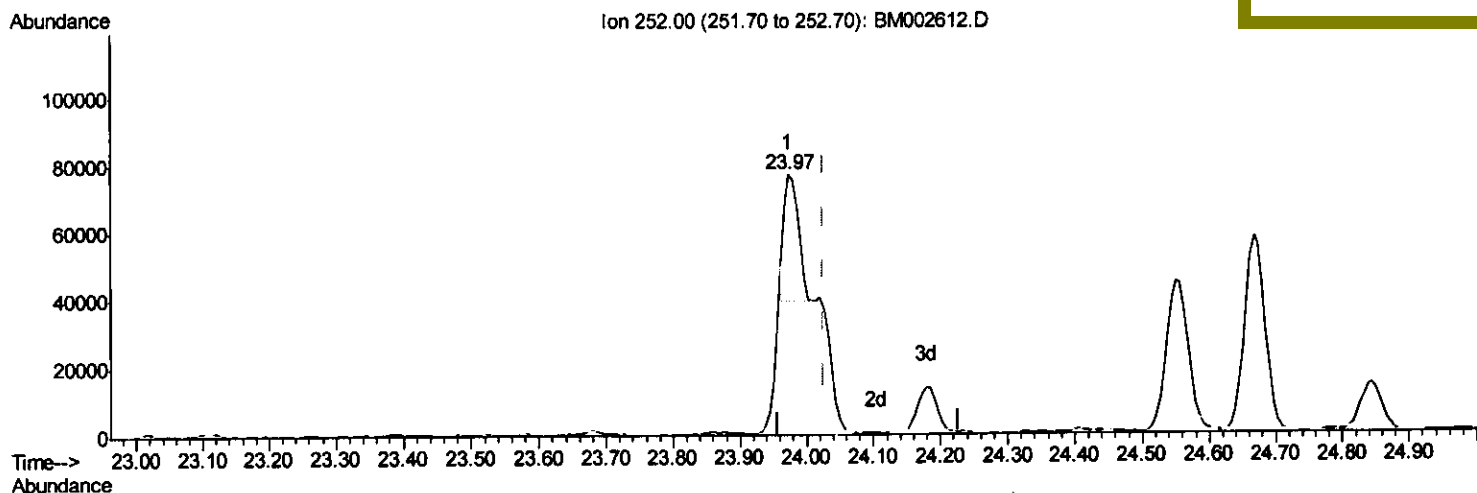
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Quant Time: Sep 01 05:41:11 2015
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9/1/2015 2:58:32 PM



(24) Benzo(k)fluoranthene

23.974min (-0.053) 2.24ng/ul

response 54656

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	23.48
125.00	12.30	14.83#
0.00	0.00	0.00

Quantitation Report (Qedit)

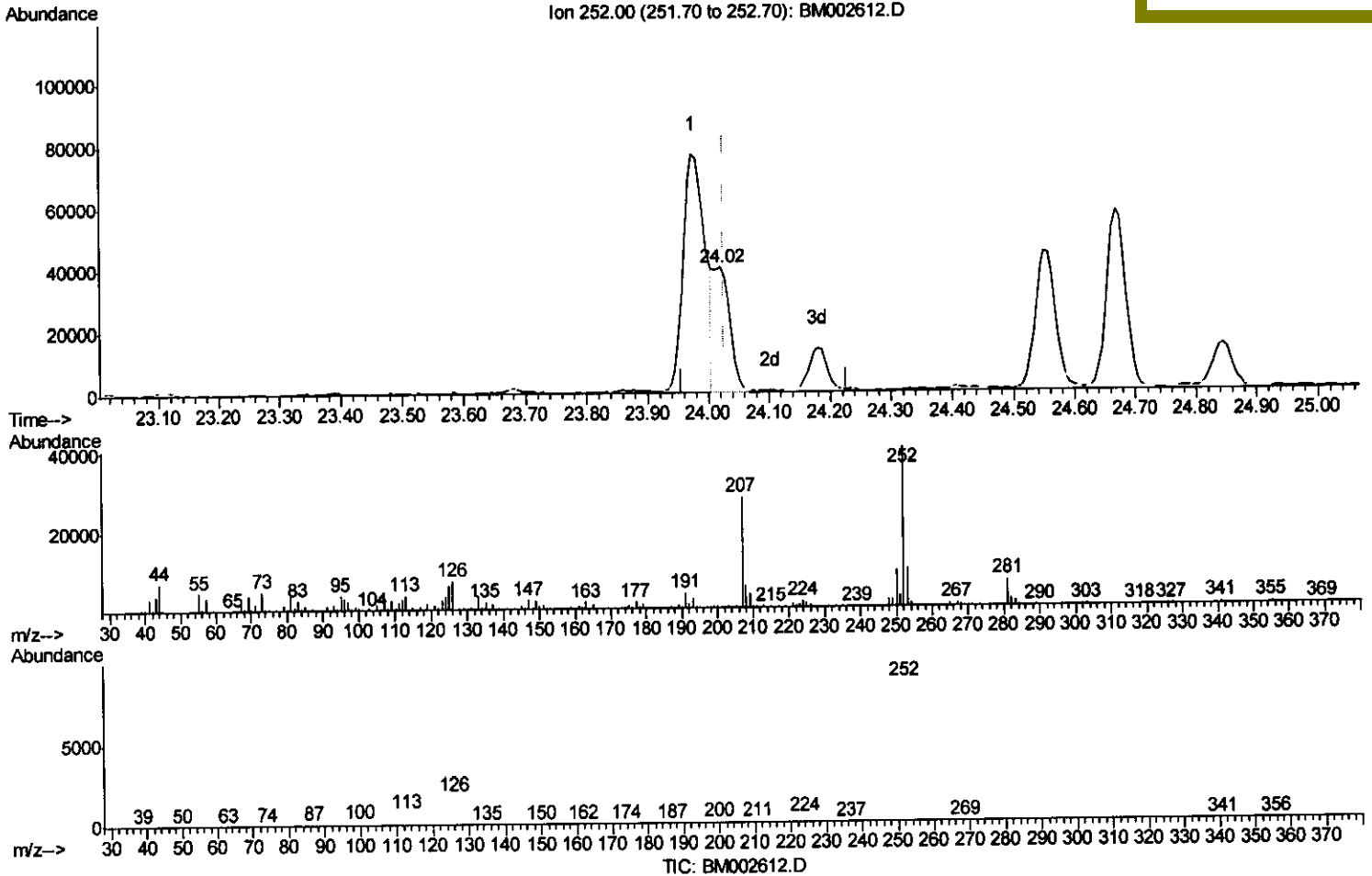
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM083115\
 Data File : BM002612.D
 Acq On : 01 Sep 2015 05:08
 Operator : UM/IZ
 Sample : G3457-03MD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9EA4MSD

Quant Time: Sep 01 05:41:11 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 01 02:00:58 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 9/1/2015 2:58:32 PM



(24) Benzo(k)fluoranthene

24.021min (-0.006) 3.23ng/ul m

response 79007

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	24.68
125.00	12.30	15.75#
0.00	0.00	0.00

U.M
 09/03/15

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM083115\
 Data File : BM002612.D
 Acq On : 01 Sep 2015 05:08
 Operator : UM/IZ
 Sample : G3457-03MD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9EA4MSD

Quant Time: Sep 01 05:42:13 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	8.78	152	130398	20.00	ng/ul	0.00
2) Naphthalene-d8	11.65	136	596293	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.37	164	306389	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.07	188	603209	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	451207	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	426741	20.00	ng/ul	0.00

System Monitoring Compounds

7) Acenaphthylene-d8	15.07	160	579638	18.50	ng/ul	0.00
10) Fluorene-d10	16.34	176	377598	17.16	ng/ul	0.00
14) Anthracene-d10	18.17	188	525291	18.05	ng/ul	0.00
18) Pyrene-d10	20.40	212	446340	22.32	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.61	264	329242	14.69	ng/ul	0.00

Target Compounds

						Qvalue
9) Acenaphthene	15.43	153	462366	21.41	ng/ul	99
13) Phenanthrene	18.12	178	142964	4.10	ng/ul	99
16) Fluoranthene	20.07	202	288472	7.32	ng/ul	95
19) Pyrene	20.43	202	969628	36.68	ng/ul	97
20) Benzo(a)anthracene	22.14	228	119942	4.45	ng/ul	98
21) Chrysene	22.20	228	138106	5.47	ng/ul	96
23) Benzo(b)fluoranthene	23.97	252	203066	7.87	ng/ul	95
24) Benzo(k)fluoranthene	24.02	252	79007m	3.23	ng/ul	
26) Benzo(a)pyrene	24.67	252	125155	5.08	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	27.54	276	98594	3.48	ng/ul	95
28) Dibenzo(a,h)anthracene	27.54	278	27847	1.18	ng/ul#	66
29) Benzo(g,h,i)perylene	28.41	276	86413	3.66	ng/ul	94

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

U.M
 09/03/15