

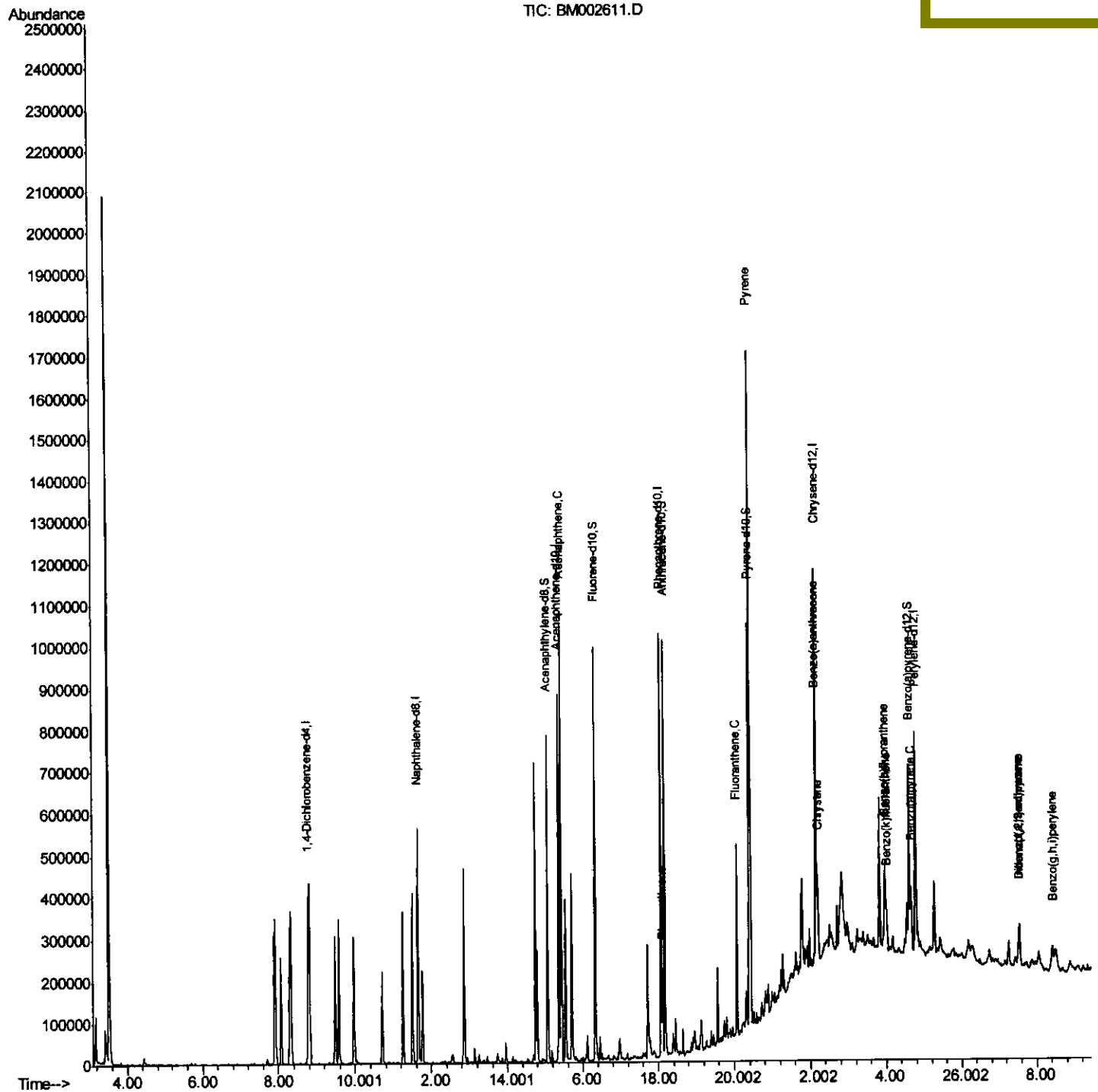
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM083115\
Data File : BM002611.D
Acq On : 01 Sep 2015 04:32
Operator : UM/IZ
Sample : G3457-02MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9EA4MS

Quant Time: Sep 01 05:10:09 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 2:58:23 PM



Quantitation Report (Qedit)

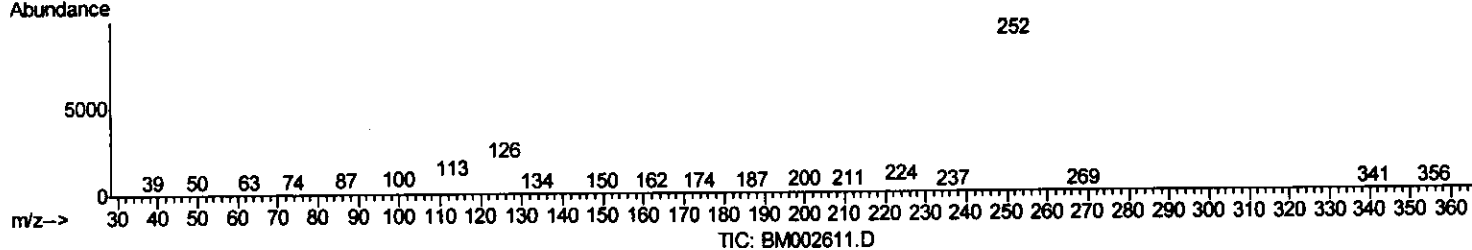
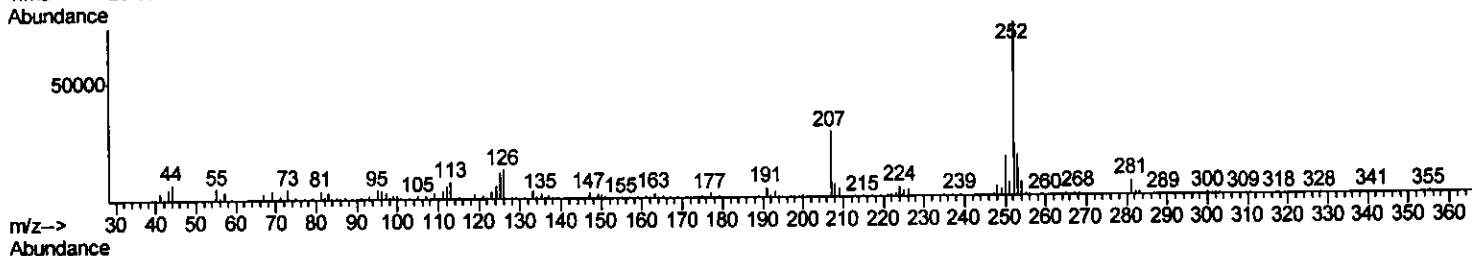
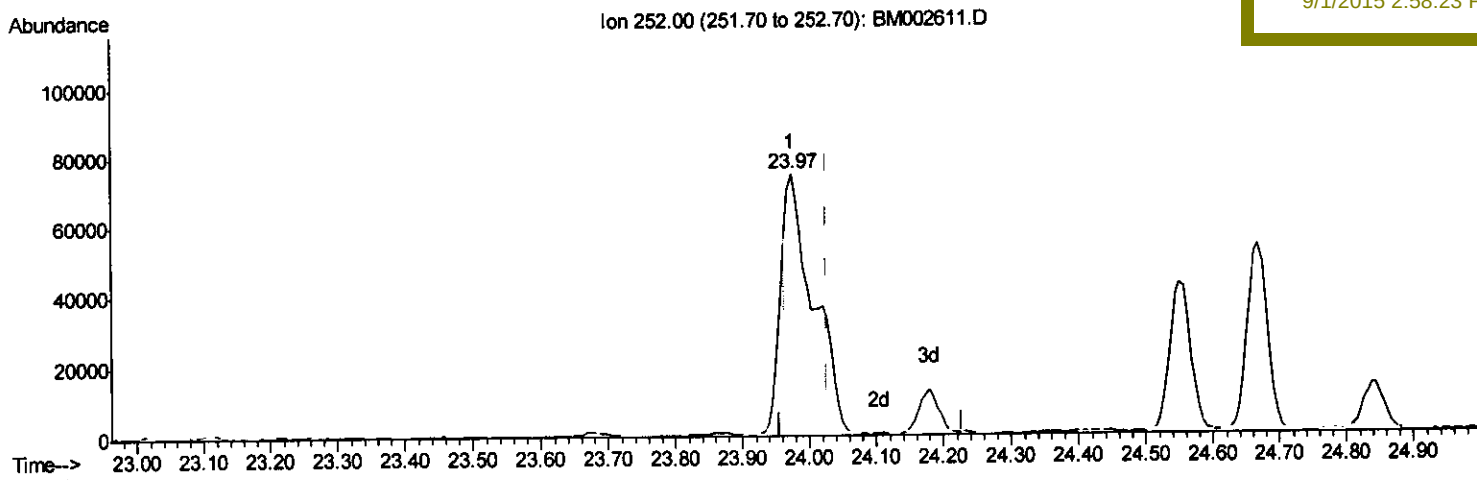
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM083115\
 Data File : BM002611.D
 Acq On : 01 Sep 2015 04:32
 Operator : UM/IZ
 Sample : G3457-02MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA M
 ClientSampleId :
 D9EA4MS

Quant Time: Sep 01 05:08:24 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 2:58:23 PM



(24) Benzo(k)fluoranthene

23.974min (-0.053) 2.11ng/ui

response 52155

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	23.35
125.00	12.30	15.74#
0.00	0.00	0.00

Quantitation Report (Qedit)

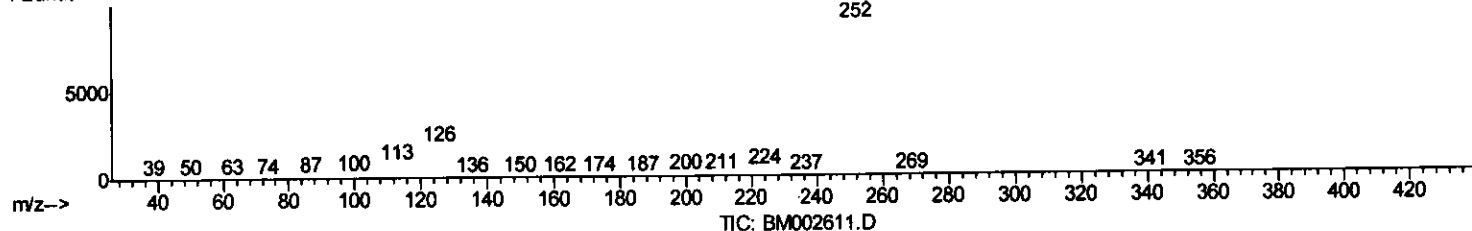
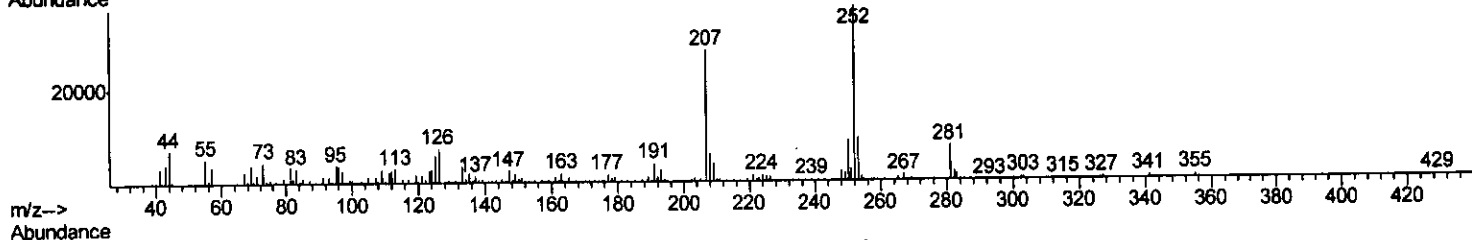
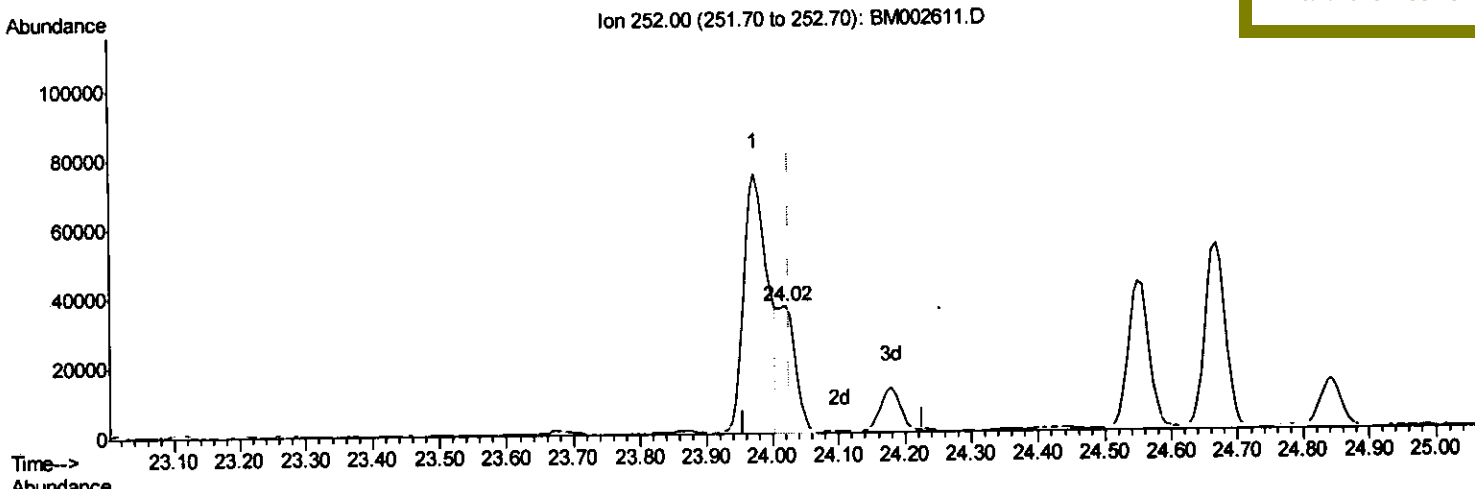
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM083115\
 Data File : BM002611.D
 Acq On : 01 Sep 2015 04:32
 Operator : UM/IZ
 Sample : G3457-02MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9EA4MS

Quant Time: Sep 01 05:08:24 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 2:58:23 PM



(24) Benzo(k)fluoranthene

24.021min (-0.006) 2.81ng/ul m

response 69494

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	25.34
125.00	12.30	16.44#
0.00	0.00	0.00

> U.M
 09/03/15

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM083115\
 Data File : BM002611.D
 Acq On : 01 Sep 2015 04:32
 Operator : UM/IZ
 Sample : G3457-02MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9EA4MS

Quant Time: Sep 01 05:10:09 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 2:58:23 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	123703	20.00	ng/ul	0.00
2) Naphthalene-d8	11.65	136	508990	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.37	164	300084	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.07	188	602472	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	453972	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	432266	20.00	ng/ul	0.00

System Monitoring Compounds

7) Acenaphthylene-d8	15.07	160	611486	19.93	ng/ul	0.00
10) Fluorene-d10	16.34	176	404846	18.79	ng/ul	0.00
14) Anthracene-d10	18.17	188	554211	19.07	ng/ul	0.00
18) Pyrene-d10	20.40	212	474230	23.57	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.61	264	357940	15.76	ng/ul	0.00

Target Compounds

						Qvalue
9) Acenaphthene	15.43	153	459232	21.71	ng/ul	99
13) Phenanthrene	18.12	178	111144	3.19	ng/ul	99
16) Fluoranthene	20.07	202	269153	6.83	ng/ul	96
19) Pyrene	20.43	202	948113	35.65	ng/ul	97
20) Benzo(a)anthracene	22.14	228	121852	4.49	ng/ul	97
21) Chrysene	22.20	228	128991	5.08	ng/ul	96
23) Benzo(b)fluoranthene	23.97	252	182416	6.98	ng/ul#	95
24) Benzo(k)fluoranthene	24.02	252	69494m	2.81	ng/ul	
26) Benzo(a)pyrene	24.67	252	113992	4.57	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	27.55	276	90713	3.16	ng/ul	95
28) Dibenzo(a,h)anthracene	27.54	278	25228	1.05	ng/ul#	72
29) Benzo(g,h,i)perylene	28.41	276	76881	3.22	ng/ul	98

U.M
 09/03/15

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