

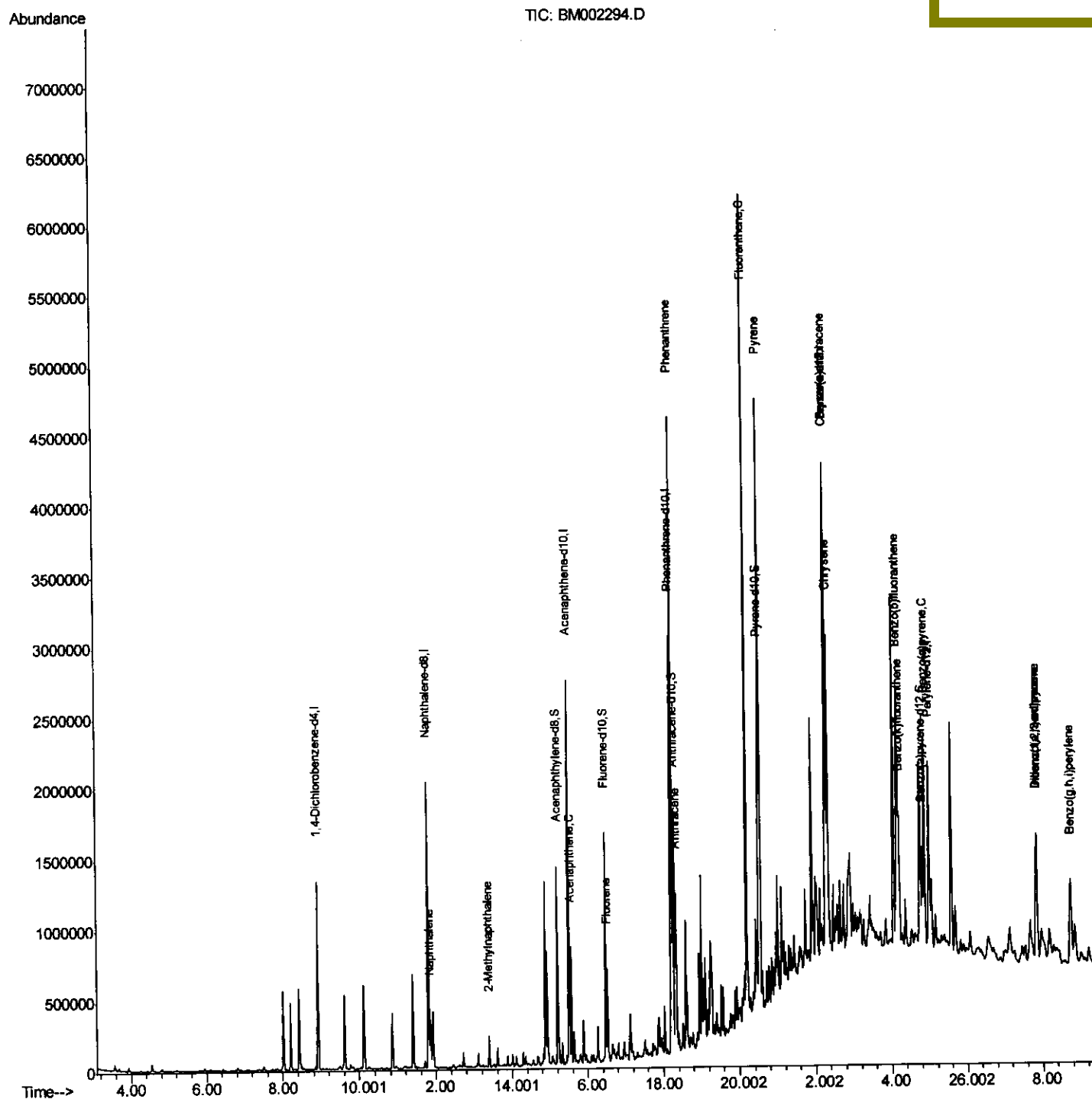
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080715\
Data File : BM002294.D
Acq On : 09 Aug 2015 02:09
Operator : TP/UM
Sample : G3126-02RE
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9D08RE

Quant Time: Aug 09 07:03:24 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 09 06:16:29 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:15:20 PM



Quantitation Report (Qedit)

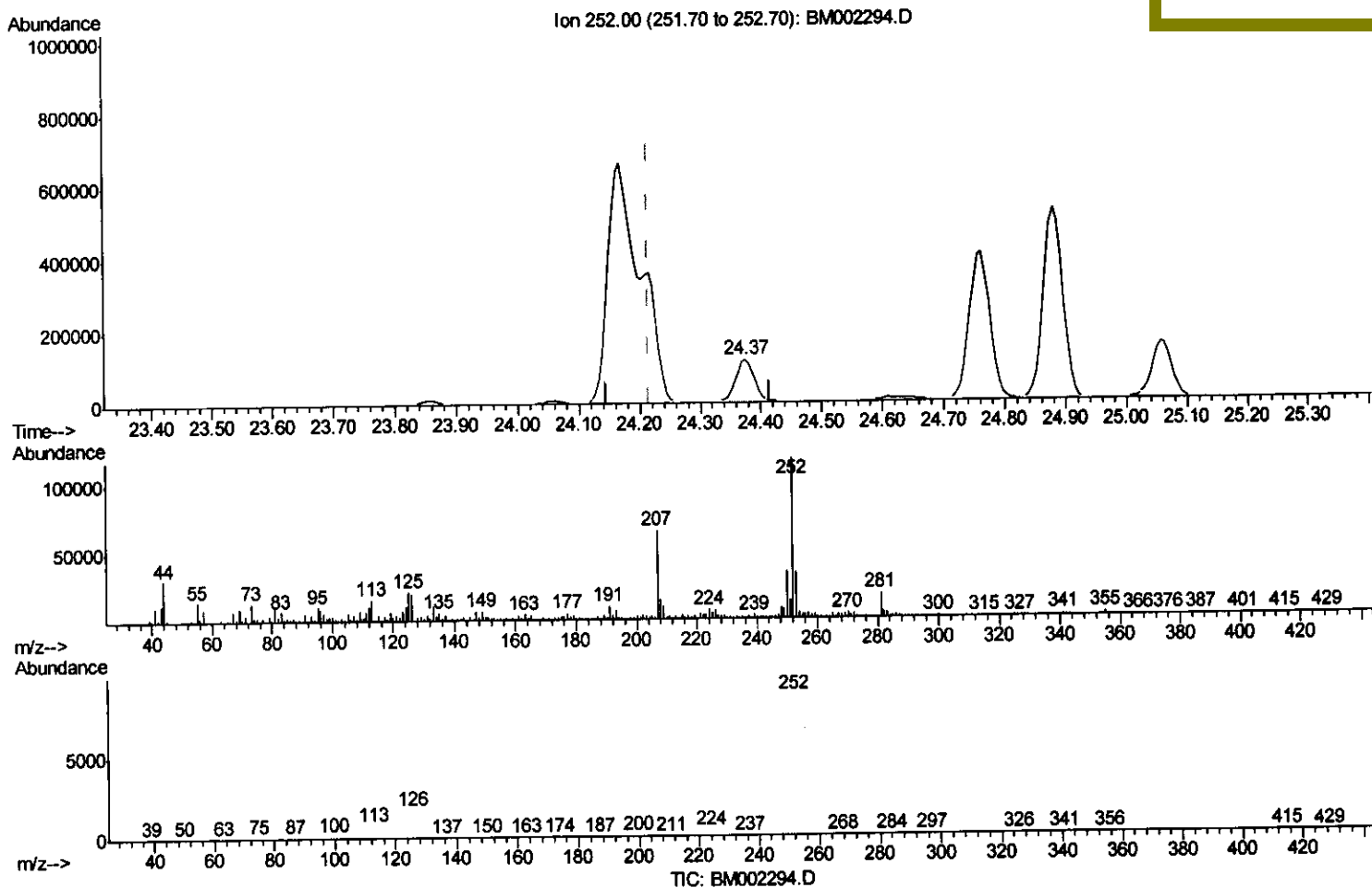
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080715\
 Data File : BM002294.D
 Acq On : 09 Aug 2015 02:09
 Operator : TP/UM
 Sample : G3126-02RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9D08RE

Quant Time: Aug 09 06:19:13 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Aug 09 06:16:29 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 8/10/2015 7:15:20 PM



(24) Benzo(k)fluoranthene

24.374min (+0.159) 3.61ng/ul

response 237060

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	28.64#
125.00	12.80	18.02#
0.00	0.00	0.00

Quantitation Report (Qedit)

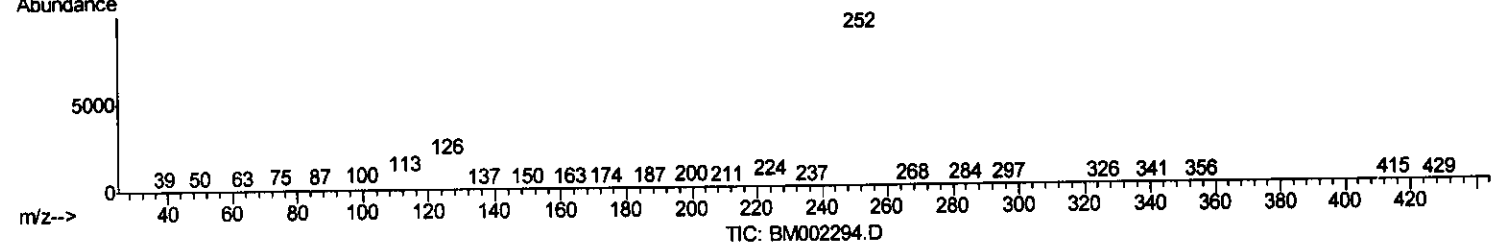
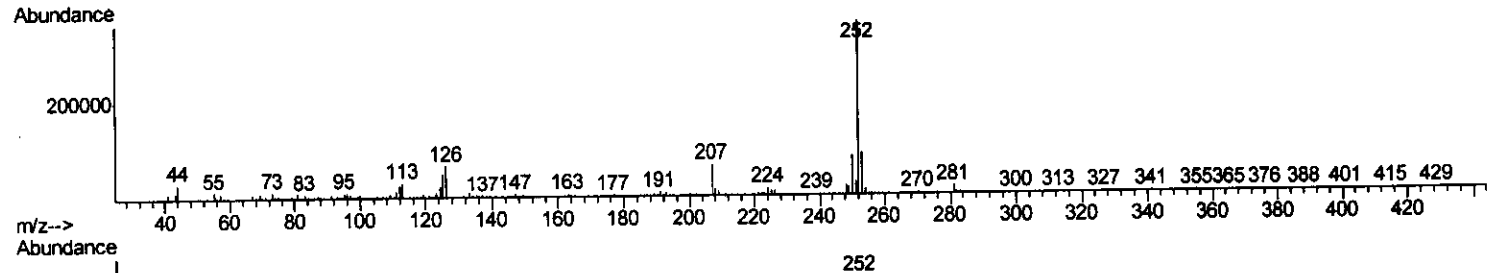
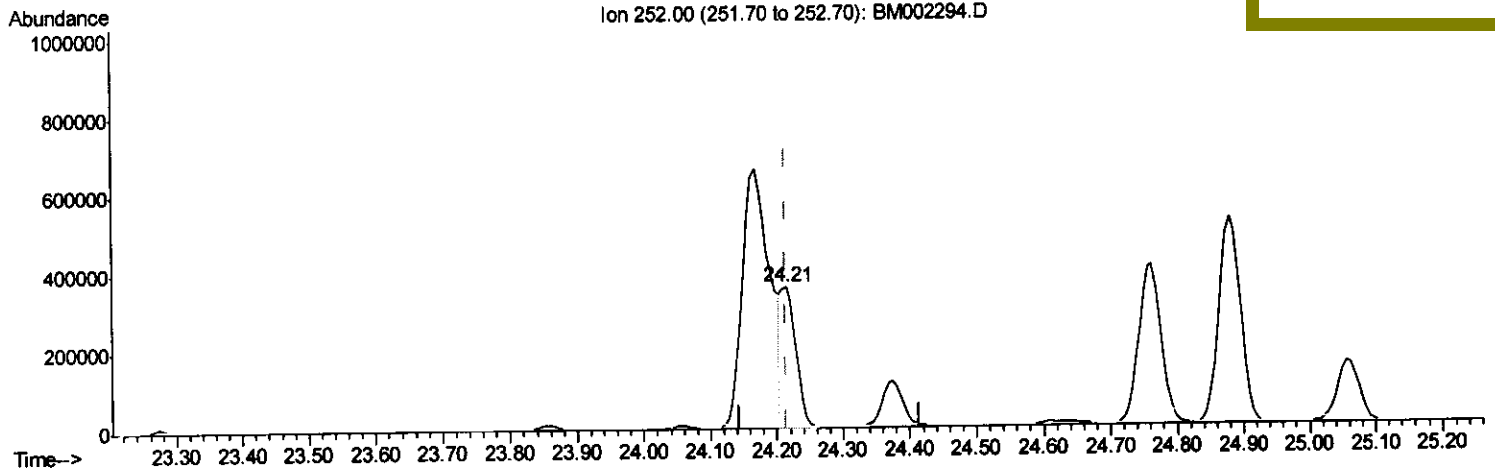
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080715\
 Data File : BM002294.D
 Acq On : 09 Aug 2015 02:09
 Operator : TP/UM
 Sample : G3126-02RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9D08RE

Quant Time: Aug 09 06:19:13 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Aug 09 06:16:29 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 8/10/2015 7:15:20 PM



(24) Benzo(k)fluoranthene

24.215min (+0.000) 8.24ng/ul m

response 541429

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	24.10
125.00	12.80	13.75
0.00	0.00	0.00

> U.M
 8/11/15

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080715\
 Data File : BM002294.D
 Acq On : 09 Aug 2015 02:09
 Operator : TP/UM
 Sample : G3126-02RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9D08RE

Quant Time: Aug 09 07:03:24 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Aug 09 06:16:29 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 8/10/2015 7:15:20 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	374150	20.00	ng/ul	0.00
2) Naphthalene-d8	11.80	136	1763706	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.50	164	898728	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.21	188	1780842	20.00	ng/ul	0.00
17) Chrysene-d12	22.30	240	1297878	20.00	ng/ul	0.00
22) Perylene-d12	25.00	264	1100301	20.00	ng/ul	0.01

System Monitoring Compounds

7) Acenaphthylene-d8	15.20	160	1006164	10.81	ng/ul	0.00
10) Fluorene-d10	16.47	176	654647	10.11	ng/ul	0.00
14) Anthracene-d10	18.31	188	909252	10.52	ng/ul	0.00
18) Pyrene-d10	20.53	212	809999	12.87	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.83	264	596268	10.21	ng/ul	0.00

Target Compounds

						Qvalue
3) Naphthalene	11.85	128	285599	3.08	ng/ul	100
4) 2-Methylnaphthalene	13.39	142	104109	1.57	ng/ul	98
9) Acenaphthene	15.56	153	330786	5.09	ng/ul	98
11) Fluorene	16.53	166	293598	4.01	ng/ul	100
13) Phenanthrene	18.26	178	2697484	26.32	ng/ul	100
15) Anthracene	18.34	178	714993	6.75	ng/ul	100
16) Fluoranthene	20.20	202	3457356	30.46	ng/ul	96
19) Pyrene	20.56	202	2548685	30.38	ng/ul	99
20) Benzo(a)anthracene	22.28	228	1492483	18.84	ng/ul	98
21) Chrysene	22.34	228	1365962	18.19	ng/ul	97
23) Benzo(b)fluoranthene	24.17	252	1905935	27.87	ng/ul	98
24) Benzo(k)fluoranthene	24.21	252	541429m	8.24	ng/ul	
26) Benzo(a)pyrene	24.88	252	1178974	18.02	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	27.86	276	870150	11.60	ng/ul	94
28) Dibenzo(a,h)anthracene	27.86	278	255731	4.02	ng/ul#	83
29) Benzo(g,h,i)perylene	28.75	276	819316	12.95	ng/ul	97

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

U.M
 8/11/15