

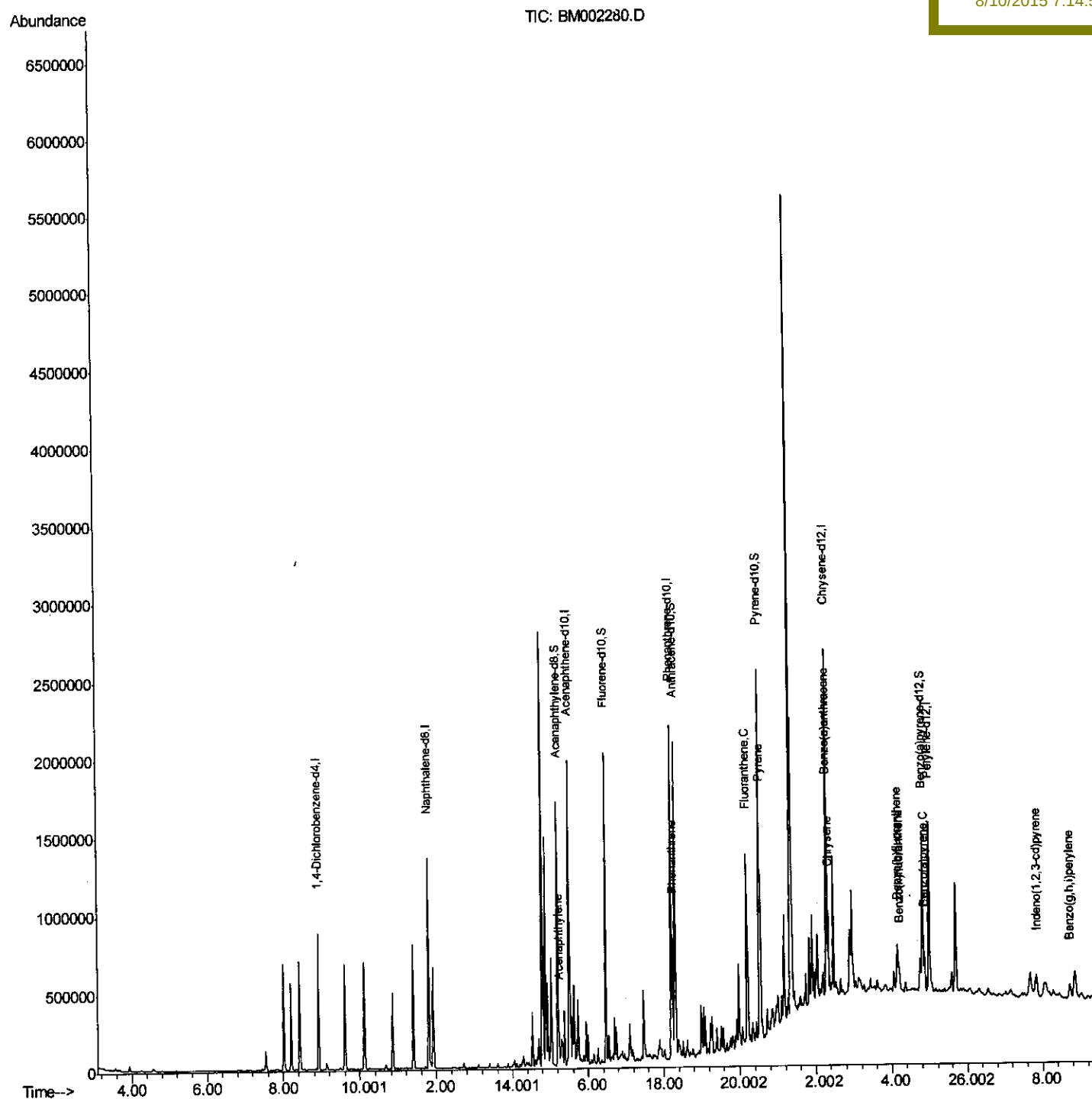
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080715\
Data File : BM002280.D
Acq On : 08 Aug 2015 17:01
Operator : TP/UM
Sample : G3161-17
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA M
ClientSampleId :
D9C62

Quant Time: Aug 09 06:14:04 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 09 05:31:20 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:14:59 PM



Quantitation Report (Qedit)

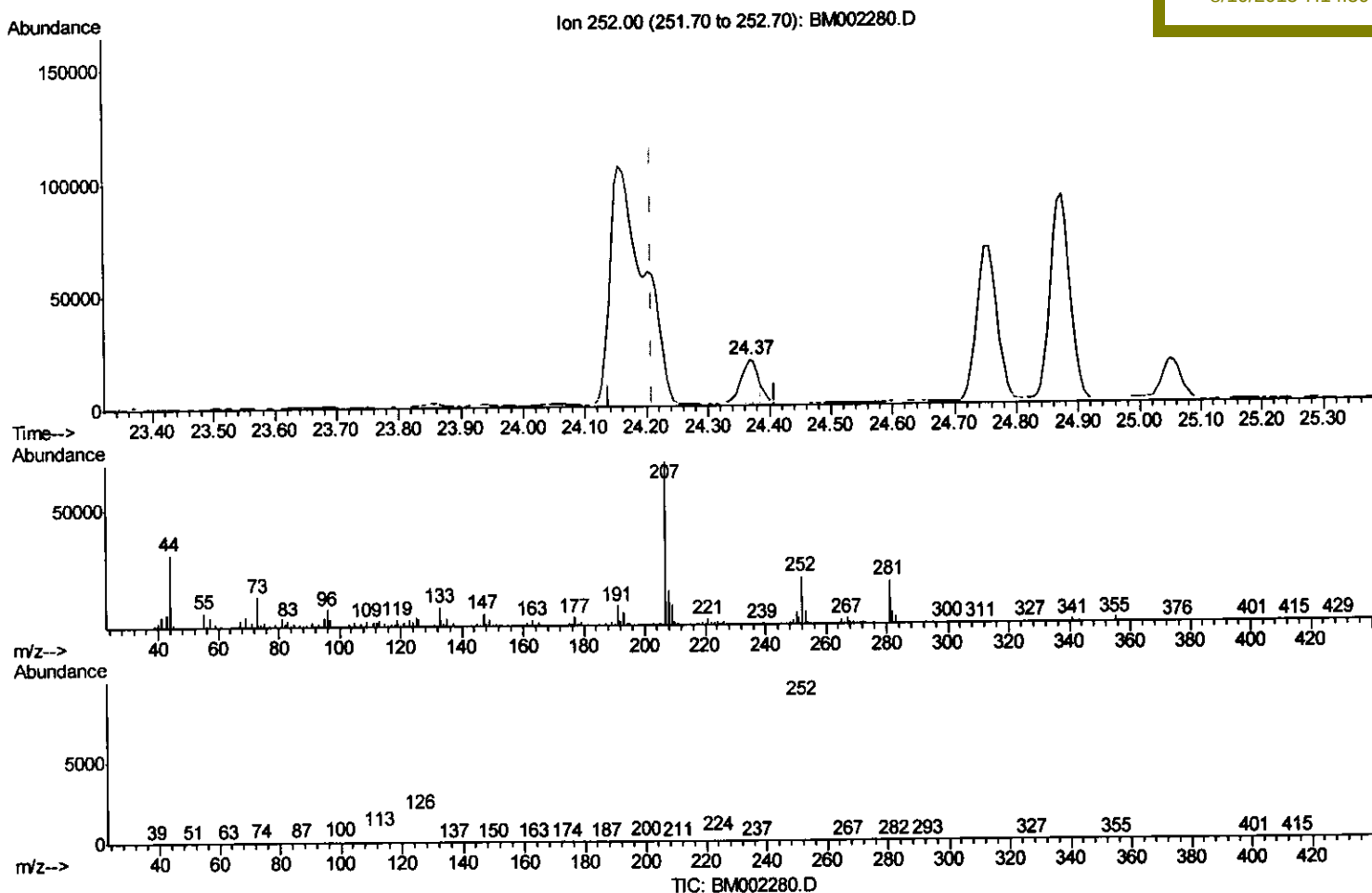
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080715\
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BNA_M
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Quant Time: Aug 09 05:34:25 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
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Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:14:59 PM



(24) Benzo(k)fluoranthene

24.368min (+0.159) 0.68ng/ul

response 36658

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	28.97#
125.00	12.80	19.59#
0.00	0.00	0.00

Quantitation Report (Qedit)

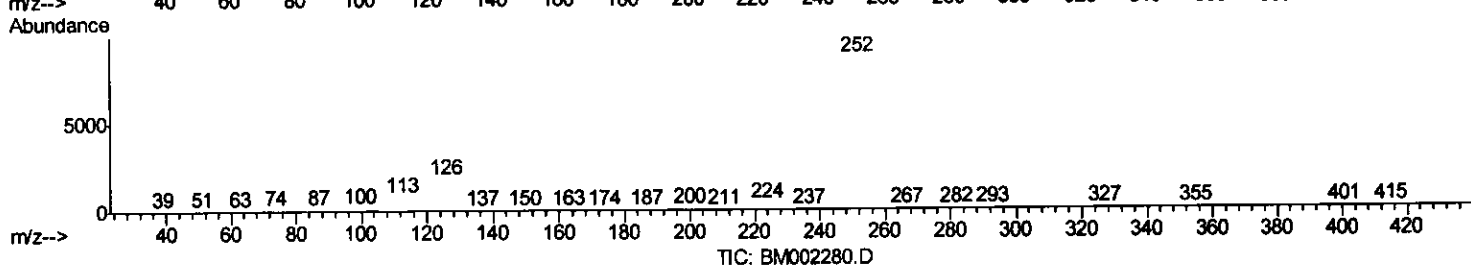
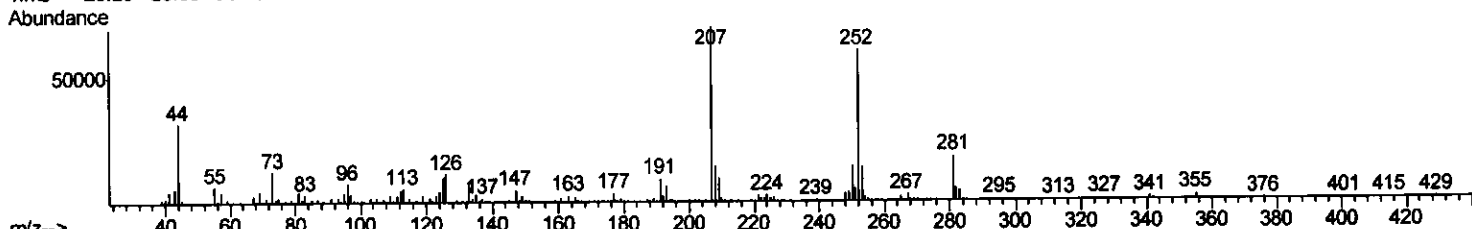
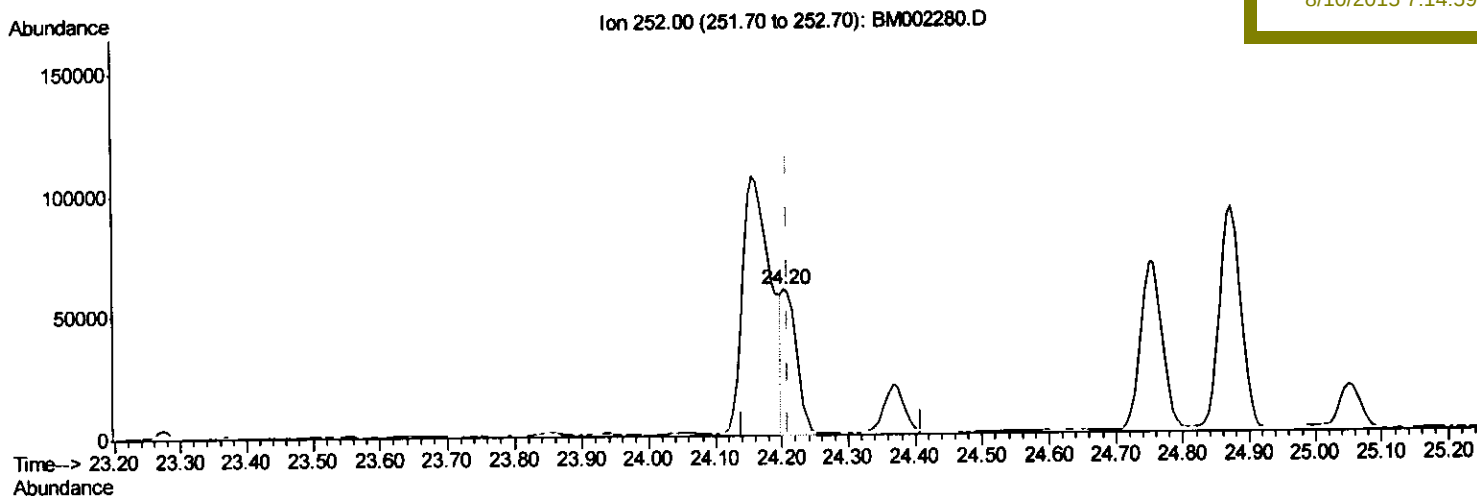
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080715\
Data File : BM002280.D
Acq On : 08 Aug 2015 17:01
Operator : TP/UM
Sample : G3161-17
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA M
ClientSampleId :
D9C62

Quant Time: Aug 09 05:34:25 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 09 05:31:20 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:14:59 PM



(24) Benzo(k)fluoranthene

24.203min (-0.006) 1.68ng/ul m > $\frac{U.M}{8/11/15}$

response 90413

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	23.83
125.00	12.80	16.90#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080715\
 Data File : BM002280.D
 Acq On : 08 Aug 2015 17:01
 Operator : TP/UM
 Sample : G3161-17
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 D9C62

Quant Time: Aug 09 06:14:04 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Aug 09 05:31:20 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 8/10/2015 7:14:59 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	246509	20.00	ng/ul	0.00
2) Naphthalene-d8	11.80	136	1197753	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.50	164	615901	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.21	188	1230906	20.00	ng/ul	0.00
17) Chrysene-d12	22.29	240	1102666	20.00	ng/ul	0.00
22) Perylene-d12	24.99	264	904116	20.00	ng/ul	0.00

System Monitoring Compounds

7) Acenaphthylene-d8	15.20	160	1220676	19.13	ng/ul	0.00
10) Fluorene-d10	16.47	176	800667	18.04	ng/ul	0.00
14) Anthracene-d10	18.30	188	1149193	19.24	ng/ul	0.00
18) Pyrene-d10	20.52	212	1137638	21.27	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.82	264	838147	17.46	ng/ul	0.00

Target Compounds

						Qvalue
8) Acenaphthylene	15.23	152	72461	1.09	ng/ul	99
13) Phenanthrene	18.25	178	449581	6.35	ng/ul	99
16) Fluoranthene	20.19	202	696484	8.88	ng/ul	98
19) Pyrene	20.55	202	755396	10.60	ng/ul	99
20) Benzo(a)anthracene	22.27	228	240800	3.58	ng/ul	99
21) Chrysene	22.33	228	325118	5.10	ng/ul	97
23) Benzo(b)fluoranthene	24.16	252	310150	5.52	ng/ul	97
24) Benzo(k)fluoranthene	24.20	252	90413m	1.68	ng/ul	
26) Benzo(a)pyrene	24.87	252	205404	3.82	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	27.84	276	132055	2.14	ng/ul	94
29) Benzo(g,h,i)perylene	28.73	276	120872	2.32	ng/ul	94

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

U.M
 8/11/15