

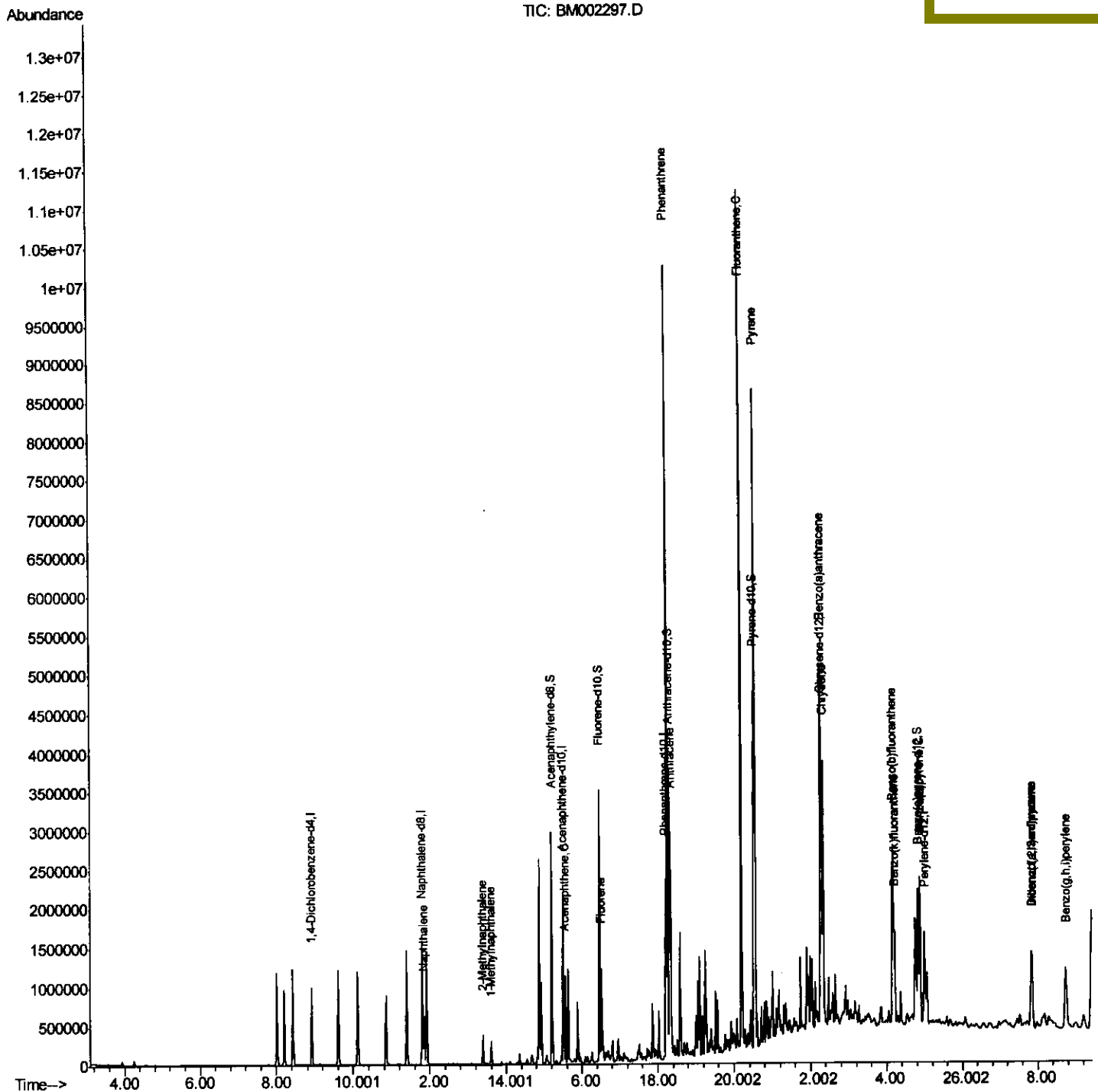
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080715\
Data File : BM002297.D
Acq On : 09 Aug 2015 03:58
Operator : TP/UM
Sample : G3161-12RE
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
D9C57RE

Quant Time: Aug 09 07:05:55 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 7:15:31 PM



Quantitation Report (Qedit)

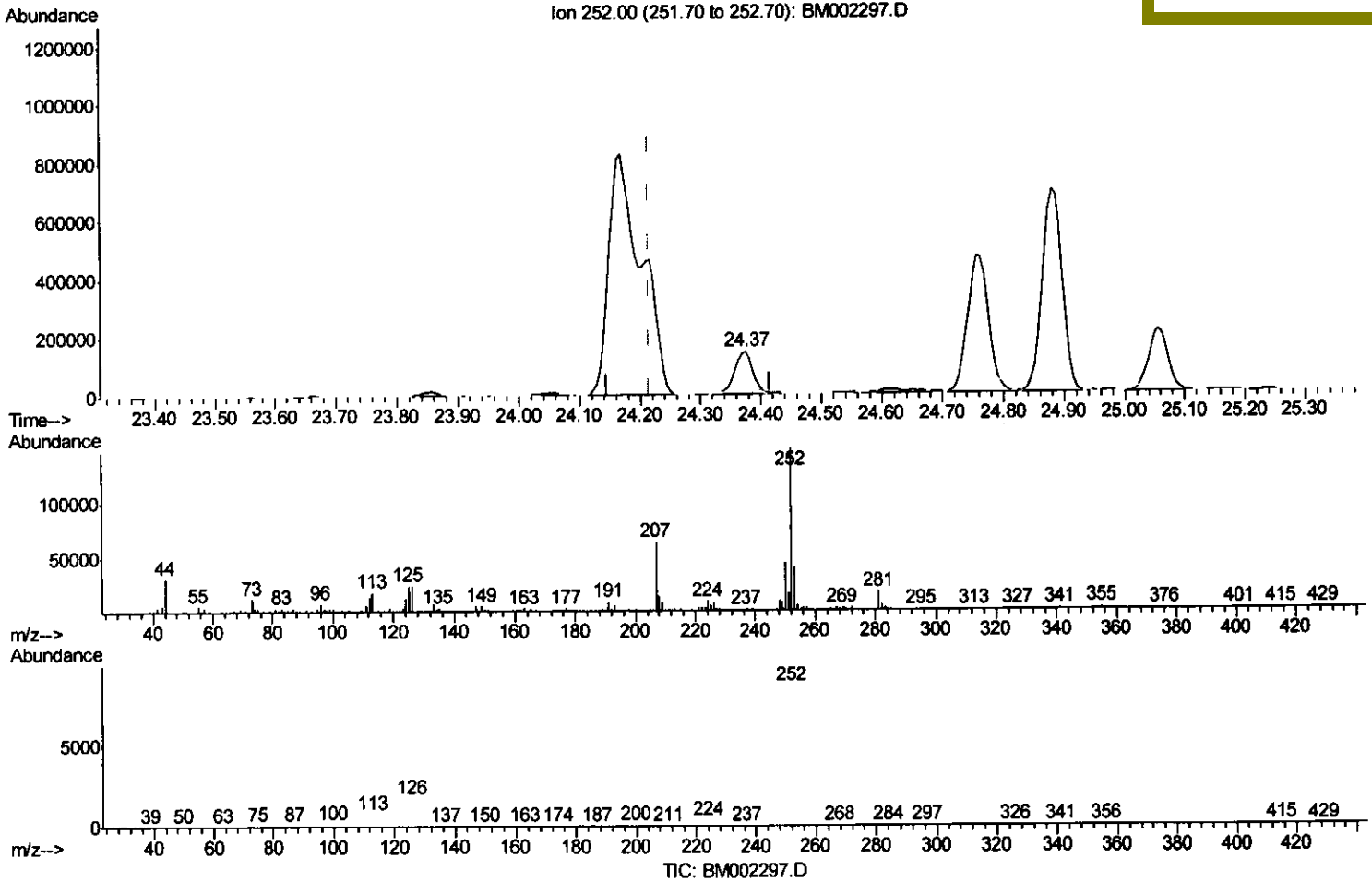
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080715\
 Data File : BM002297.D
 Acq On : 09 Aug 2015 03:58
 Operator : TP/UM
 Sample : G3161-12RE
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 D9C57RE

Quant Time: Aug 09 06:19:30 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 7:15:31 PM



(24) Benzo(k)fluoranthene

24.374min (+0.159) 4.95ng/ul

response 289246

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	26.99#
125.00	12.80	16.22#
0.00	0.00	0.00

Quantitation Report (Qedit)

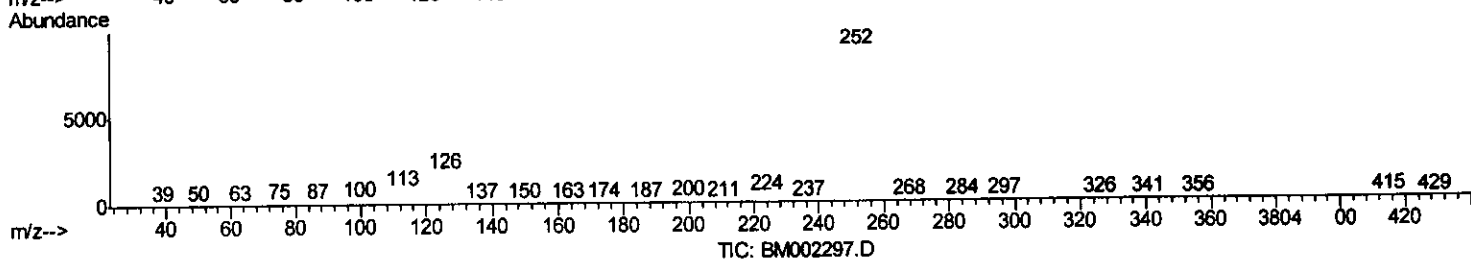
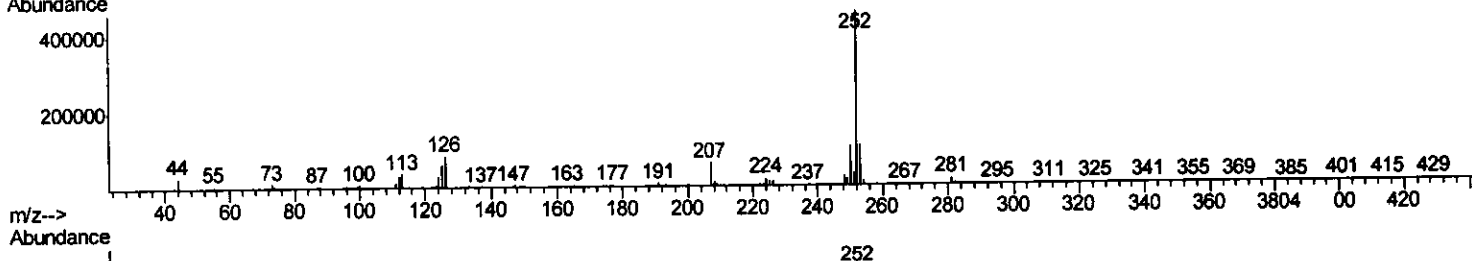
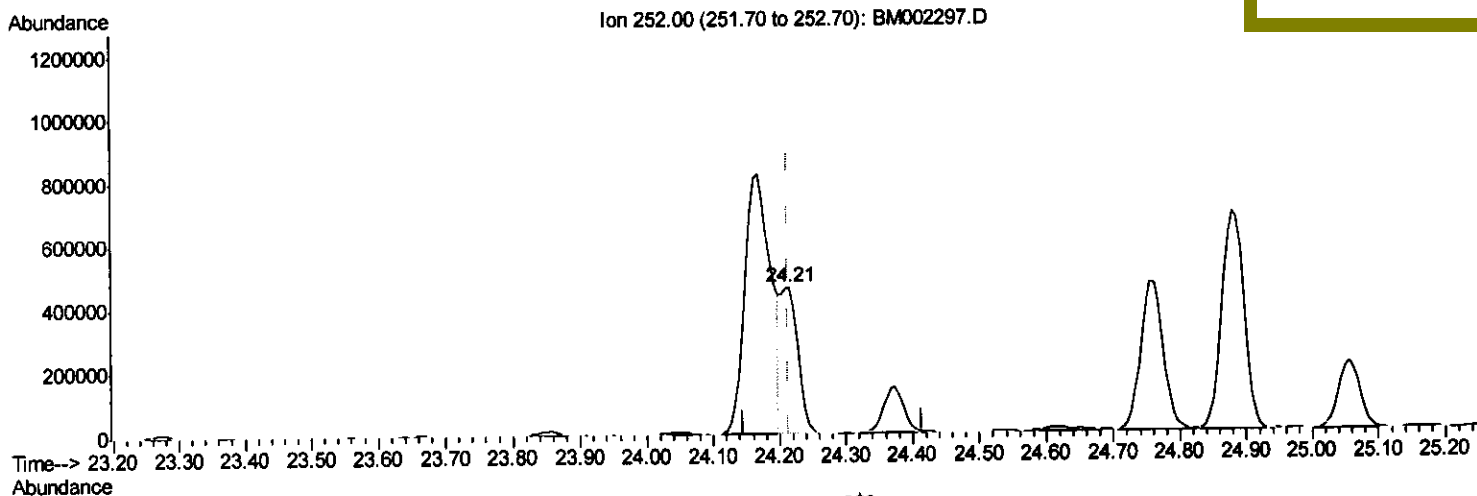
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080715\
 Data File : BM002297.D
 Acq On : 09 Aug 2015 03:58
 Operator : TP/UM
 Sample : G3161-12RE
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9C57RE

Quant Time: Aug 09 06:19:30 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 7:15:31 PM



(24) Benzo(k)fluoranthene

24.215min (0.000) 14.07ng/ul m

response 821723

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	23.64
125.00	12.80	13.37
0.00	0.00	0.00

U.M
 8/11/15

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080715\
 Data File : BM002297.D
 Acq On : 09 Aug 2015 03:58
 Operator : TP/UM
 Sample : G3161-12RE
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA M
 ClientSampleId :
 D9C57RE

Quant Time: Aug 09 07:05:55 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 7:15:31 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	281824	20.00	ng/ul	0.00
2) Naphthalene-d8	11.80	136	1360334	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.50	164	719418	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.22	188	1420831	20.00	ng/ul	0.00
17) Chrysene-d12	22.30	240	1104759	20.00	ng/ul	0.00
22) Perylene-d12	25.00	264	978501	20.00	ng/ul	0.00

System Monitoring Compounds						
7) Acenaphthylene-d8	15.21	160	2176434	29.20	ng/ul	0.00
10) Fluorene-d10	16.47	176	1422205	27.44	ng/ul	0.00
14) Anthracene-d10	18.31	188	2020922	29.31	ng/ul	0.00
18) Pyrene-d10	20.53	212	1855246	34.63	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.83	264	1517901	29.22	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	11.85	128	539064	7.53	ng/ul	100
4) 2-Methylnaphthalene	13.39	142	183660	3.59	ng/ul	98
5) 1-Methylnaphthalene	13.60	142	141541	2.81	ng/ul	98
9) Acenaphthene	15.56	153	443329	8.52	ng/ul	98
11) Fluorene	16.53	166	514498	8.78	ng/ul	99
13) Phenanthrene	18.26	178	6561241	80.23	ng/ul	97
15) Anthracene	18.34	178	1735109	20.54	ng/ul	99
16) Fluoranthene	20.20	202	6520110	72.01	ng/ul#	92
19) Pyrene	20.56	202	5305715	74.29	ng/ul	97
20) Benzo(a)anthracene	22.28	228	2202081	32.65	ng/ul	99
21) Chrysene	22.34	228	1964947	30.75	ng/ul	96
23) Benzo(b)fluoranthene	24.17	252	2221714	36.53	ng/ul	98
24) Benzo(k)fluoranthene	24.21	252	821723m	14.07	ng/ul	
26) Benzo(a)pyrene	24.88	252	1585274	27.24	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	27.85	276	1077795	16.16	ng/ul	93
28) Dibenzo(a,h)anthracene	27.86	278	261281	4.62	ng/ul#	78
29) Benzo(g,h,i)perylene	28.74	276	1071754	19.04	ng/ul	97

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

U.M
 8/11/15