

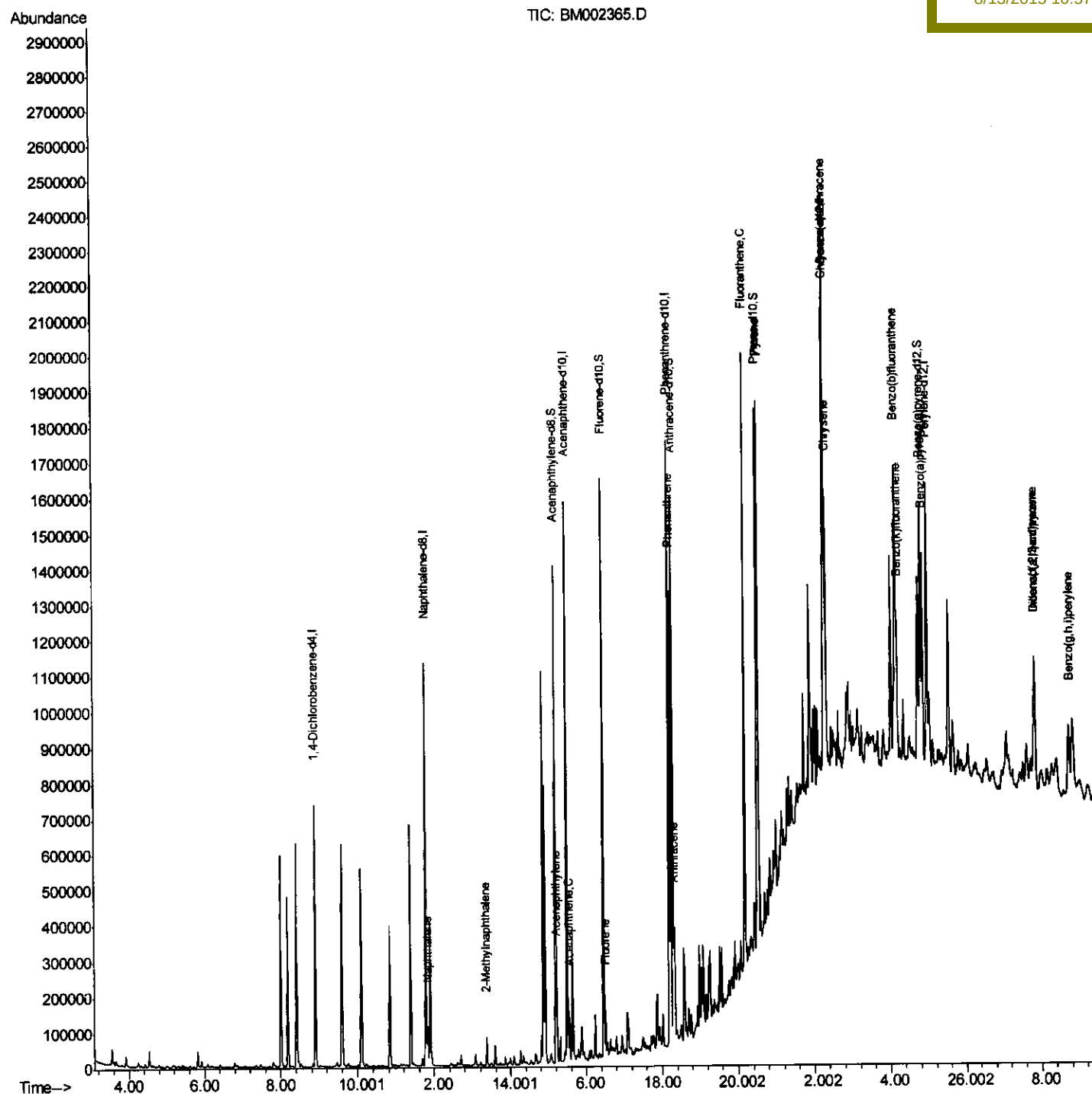
Data Path : Z:\HPCHEM1\BNA_M\Data\BM081215\
Data File : BM002365.D
Acq On : 12 Aug 2015 17:42
Operator : UM/IZ
Sample : G3163-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
D9C97

Quant Time: Aug 12 18:28:57 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 12 17:25:11 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

MMDadoda
8/13/2015 10:57:23 AM



Quantitation Report (Qedit)

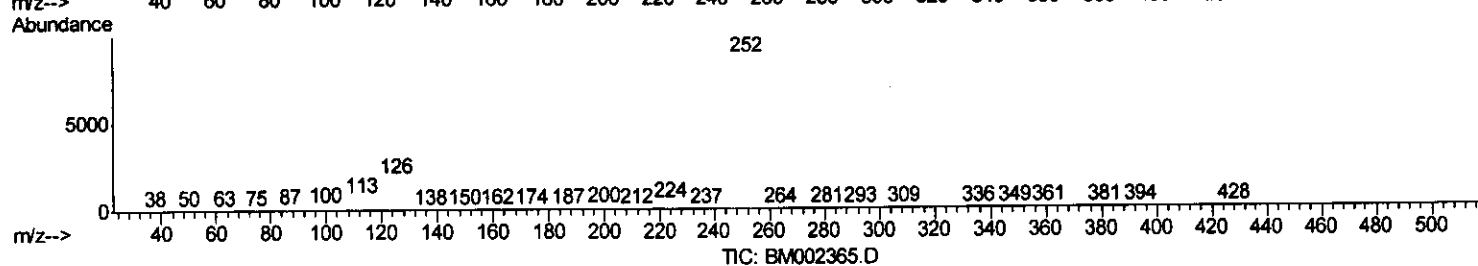
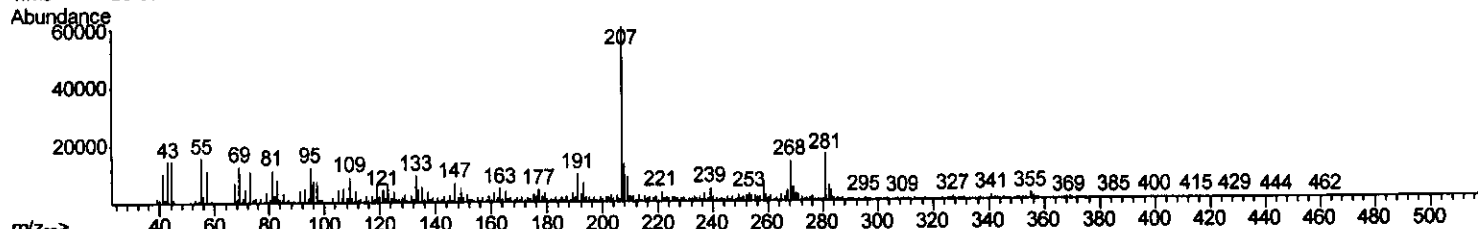
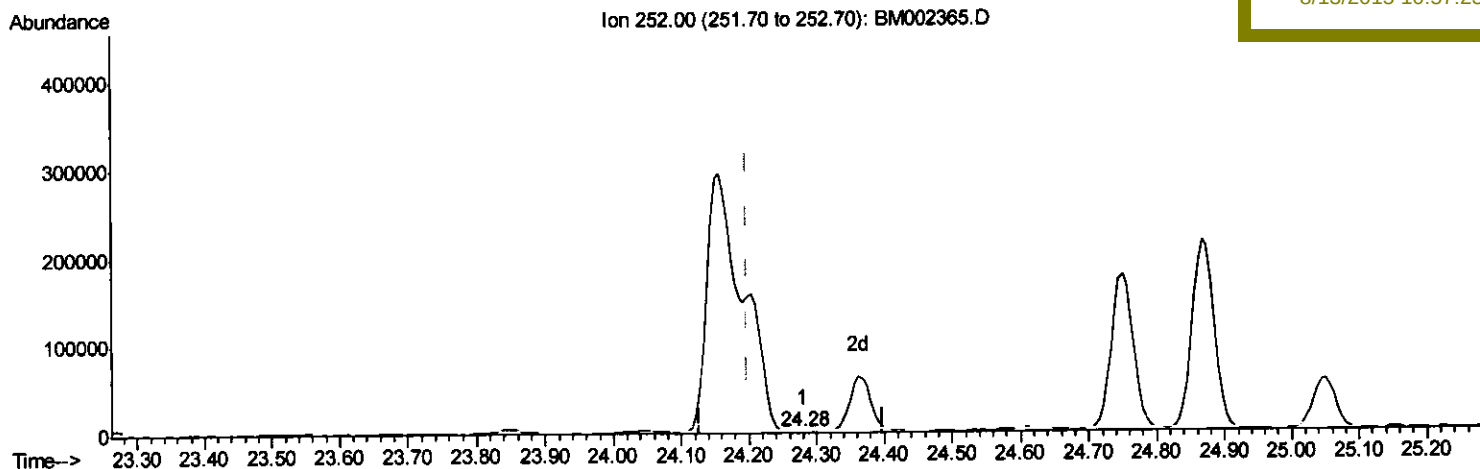
Data Path : Z:\HPCHEM1\BNA_M\Data\BM081215\
Data File : BM002365.D
Acq On : 12 Aug 2015 17:42
Operator : UM/IZ
Sample : G3163-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9C97

Quant Time: Aug 12 18:27:11 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 12 17:25:11 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

MMDadoda
8/13/2015 10:57:23 AM



(24) Benzo(k)fluoranthene

24.280min (+0.083) 0.01ng/ul

response 441

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	131.69#
125.00	12.80	155.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

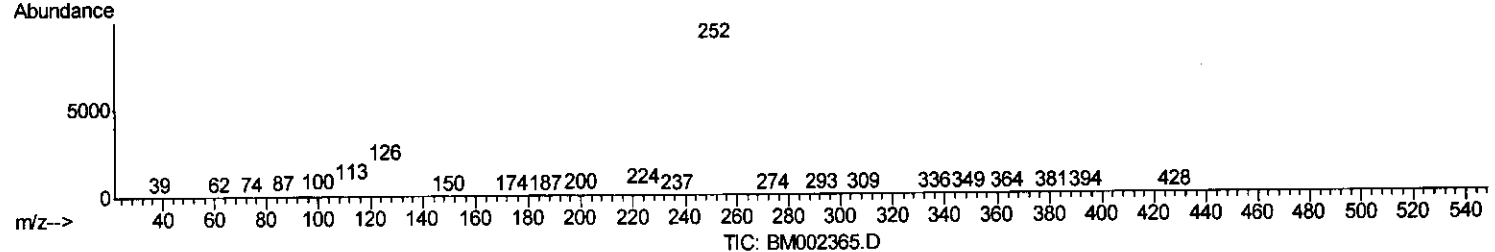
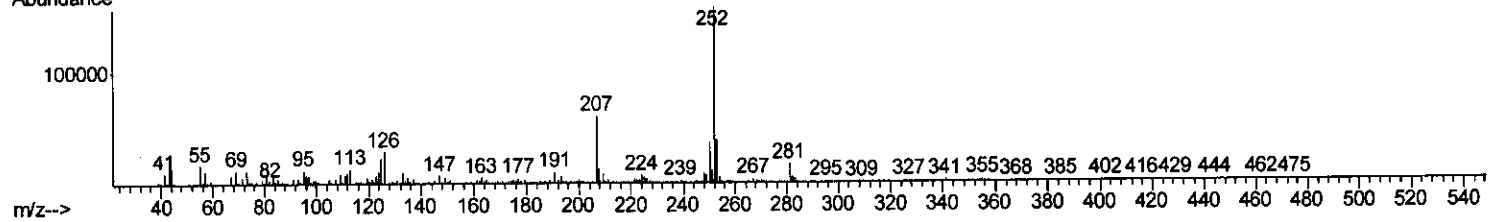
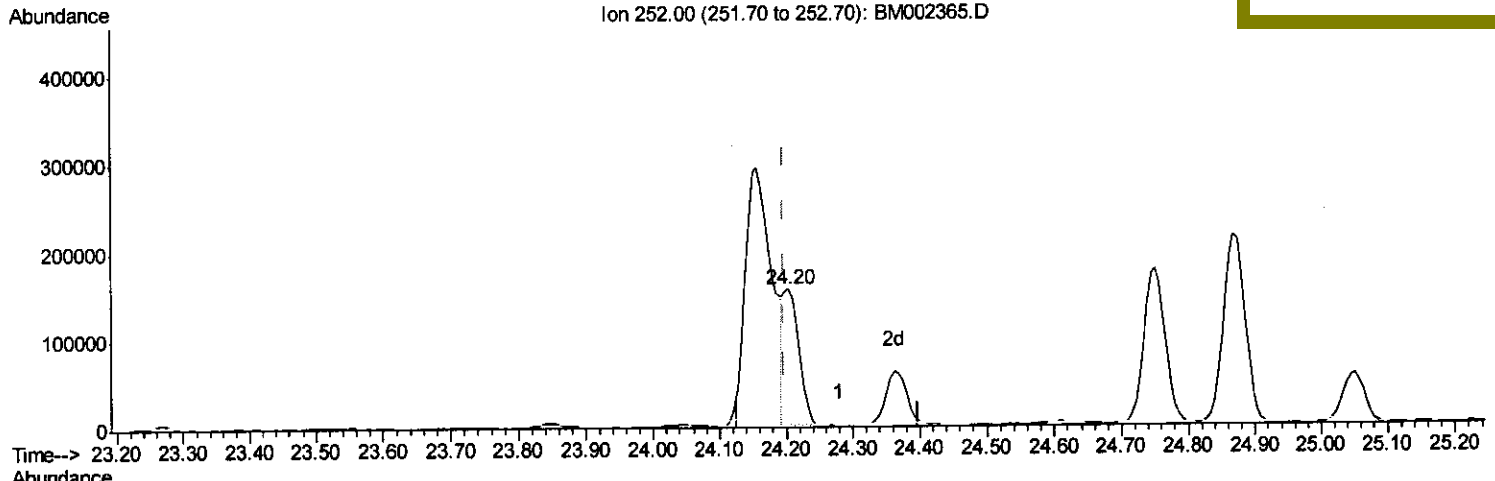
Data Path : Z:\HPCHEM1\BNA_M\Data\BM081215\
 Data File : BM002365.D
 Acq On : 12 Aug 2015 17:42
 Operator : UM/IZ
 Sample : G3163-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9C97

Quant Time: Aug 12 18:27:11 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 12 17:25:11 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 8/13/2015 10:57:23 AM



(24) Benzo(k)fluoranthene

24.203min (+0.006) 6.34ng/ul m

response 250003

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	24.54
125.00	12.80	14.76
0.00	0.00	0.00

> U.M
 8/13/15

Data Path : Z:\HPCHEM1\BNA_M\Data\BM081215\
 Data File : BM002365.D
 Acq On : 12 Aug 2015 17:42
 Operator : UM/IZ
 Sample : G3163-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9C97

Quant Time: Aug 12 18:28:57 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 12 17:25:11 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 8/13/2015 10:57:23 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	215110	20.00	ng/ul	0.00
2) Naphthalene-d8	11.78	136	986300	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.49	164	531769	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.20	188	977106	20.00	ng/ul	0.00
17) Chrysene-d12	22.29	240	677344	20.00	ng/ul	0.00
22) Perylene-d12	24.99	264	660447	20.00	ng/ul	0.02

System Monitoring Compounds

7) Acenaphthylene-d8	15.19	160	996363	18.09	ng/ul	0.00
10) Fluorene-d10	16.46	176	641872	16.75	ng/ul	0.00
14) Anthracene-d10	18.30	188	843624	17.79	ng/ul	0.00
18) Pyrene-d10	20.52	212	691062	21.04	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.82	264	603890	17.22	ng/ul	0.02

Target Compounds

						Qvalue
3) Naphthalene	11.83	128	96600	1.86	ng/ul	99
4) 2-Methylnaphthalene	13.37	142	41742	1.13	ng/ul	100
8) Acenaphthylene	15.22	152	99776	1.74	ng/ul	99
9) Acenaphthene	15.55	153	55428	1.44	ng/ul	96
11) Fluorene	16.52	166	59196	1.37	ng/ul#	99
13) Phenanthrene	18.24	178	770760	13.71	ng/ul	99
15) Anthracene	18.33	178	204661	3.52	ng/ul	100
16) Fluoranthene	20.19	202	1040954	16.72	ng/ul	100
19) Pyrene	20.54	202	854406	19.51	ng/ul	98
20) Benzo(a)anthracene	22.27	228	510908	12.36	ng/ul	98
21) Chrysene	22.33	228	518715	13.24	ng/ul	96
23) Benzo(b)fluoranthene	24.16	252	814797	19.85	ng/ul	97
24) Benzo(k)fluoranthene	24.20	252	250003m	6.34	ng/ul	
26) Benzo(a)pyrene	24.87	252	483070	12.30	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	27.84	276	333960	7.42	ng/ul	95
28) Dibenzo(a,h)anthracene	27.84	278	100820	2.64	ng/ul#	78
29) Benzo(g,h,i)perylene	28.73	276	284777	7.50	ng/ul	95

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

U.M
 8/13/15