

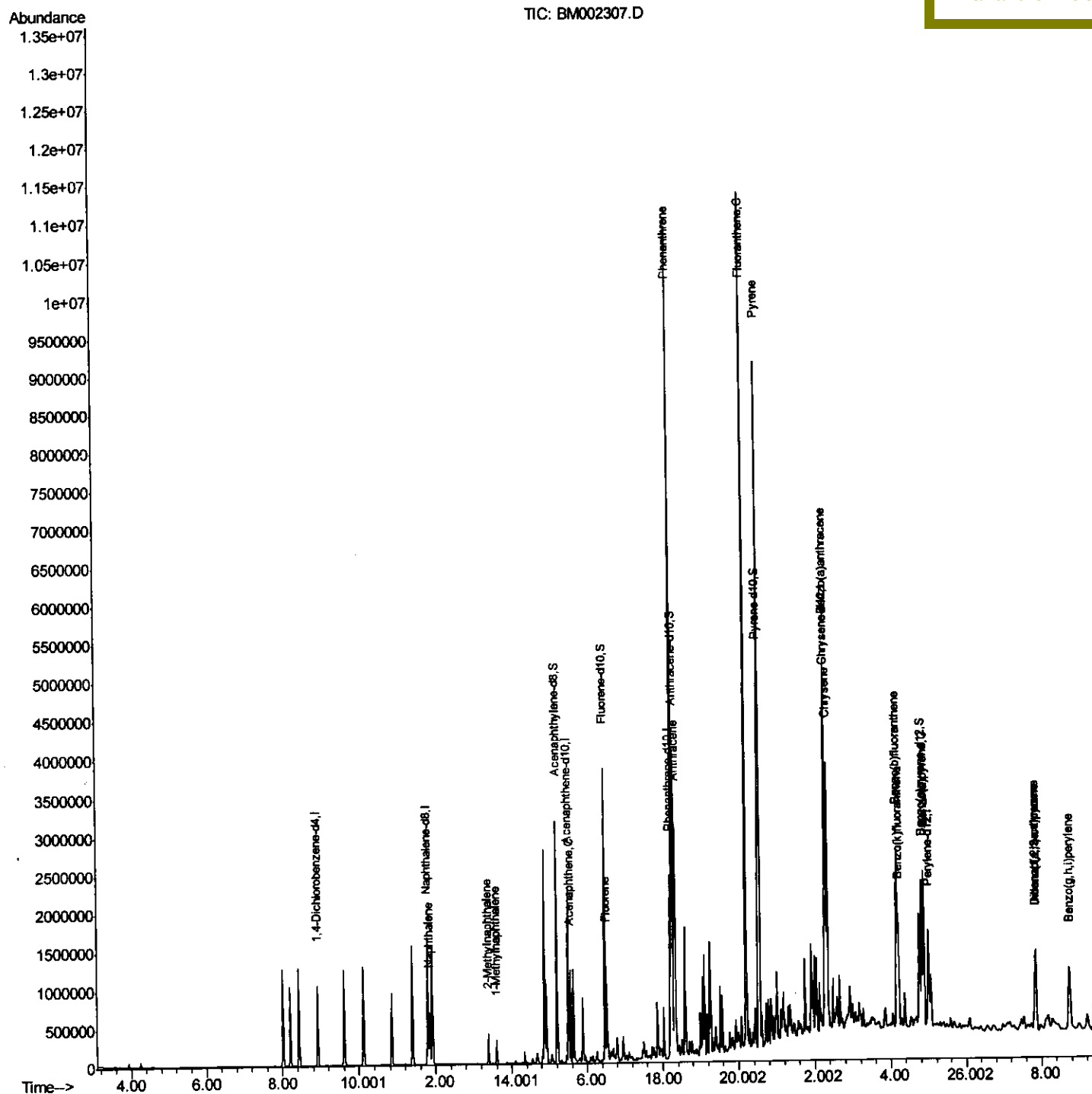
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080915\
Data File : BM002307.D
Acq On : 09 Aug 2015 10:18
Operator : TP/UM
Sample : G3161-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9C57

Quant Time: Aug 10 05:55:40 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 10 05:35:03 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:28:31 PM



Quantitation Report (Qedit)

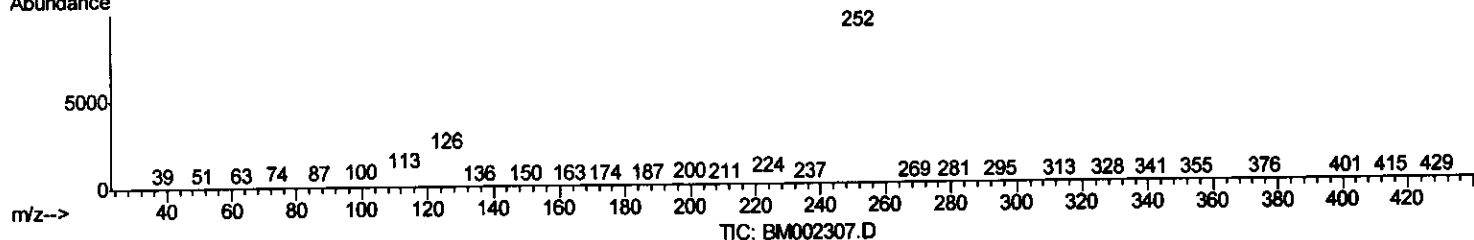
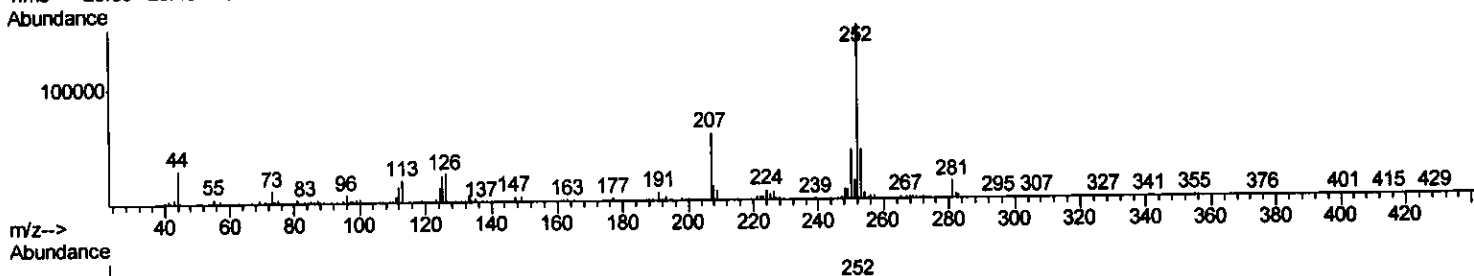
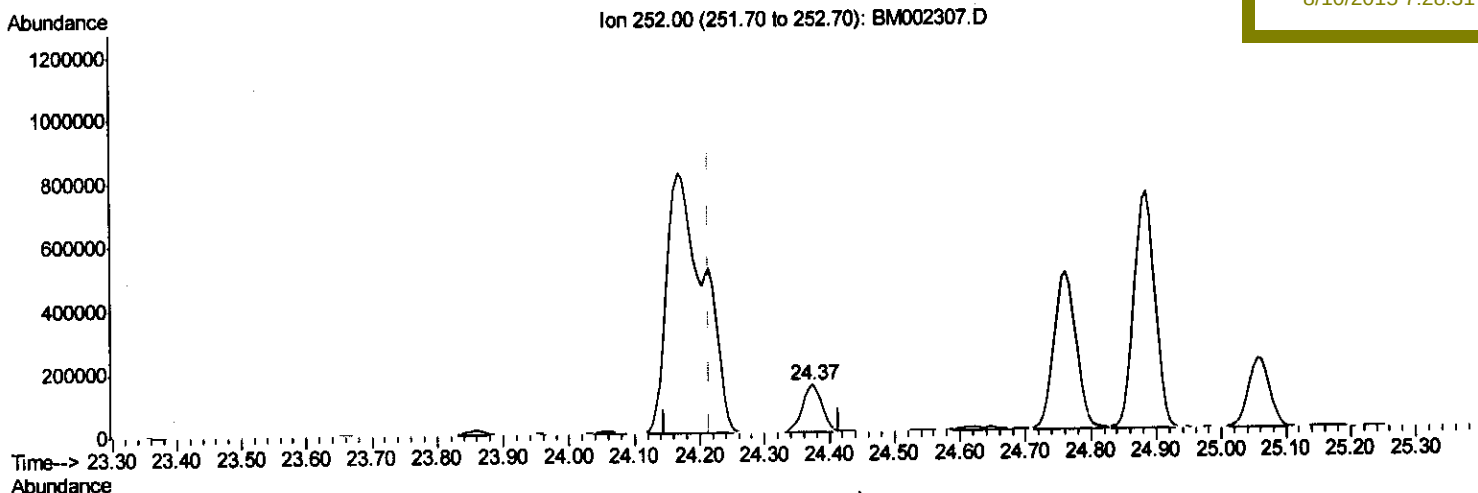
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080915\
Data File : BM002307.D
Acq On : 09 Aug 2015 10:18
Operator : TP/UM
Sample : G3161-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9C57

Quant Time: Aug 10 05:35:56 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 10 05:35:03 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

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(24) Benzo(k)fluoranthene

24.374min (+0.159) 4.94ng/ul

response 309707

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	28.59#
125.00	12.80	15.56#
0.00	0.00	0.00

Quantitation Report (Qedit)

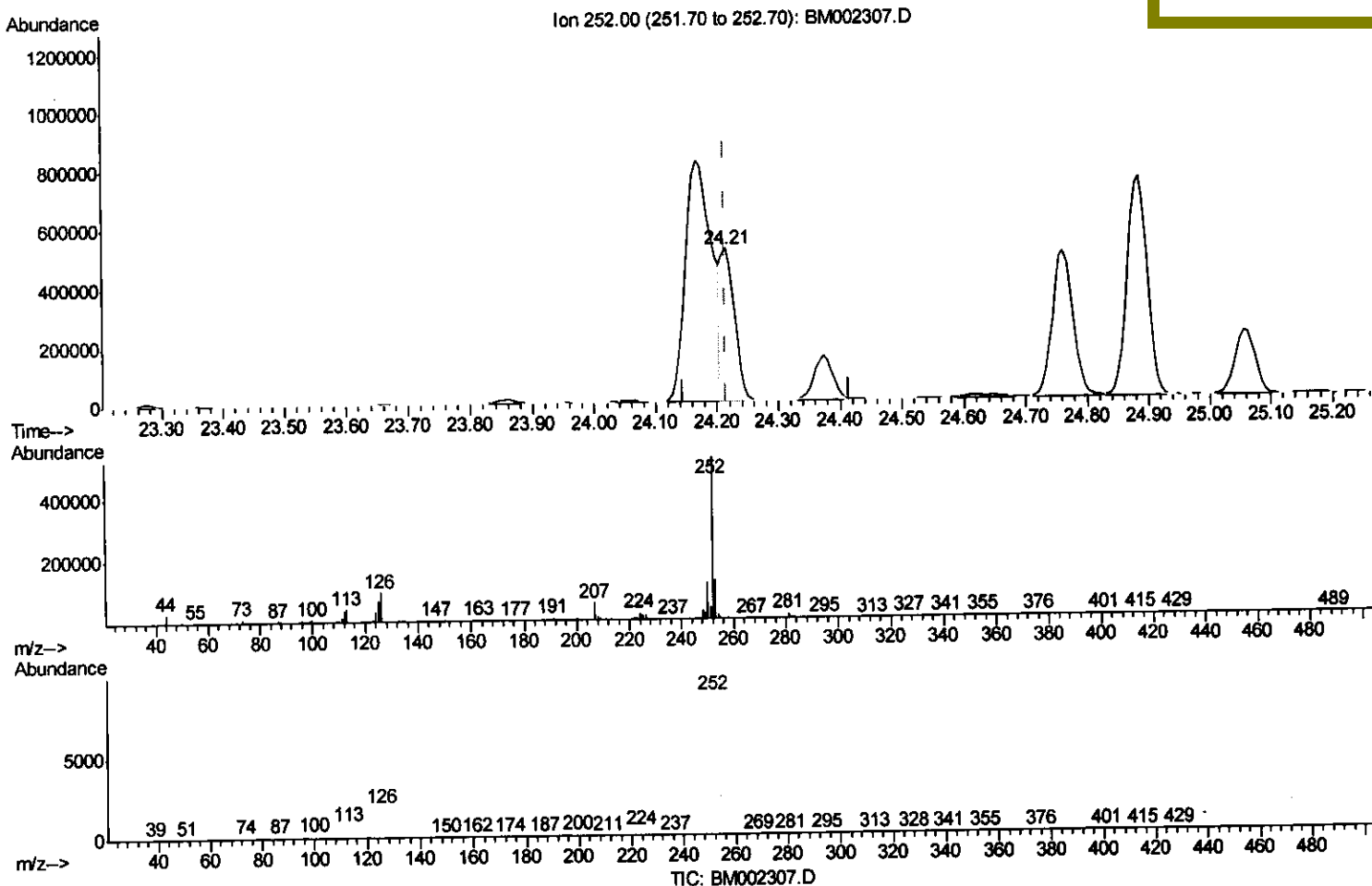
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080915\
 Data File : BM002307.D
 Acq On : 09 Aug 2015 10:18
 Operator : TP/UM
 Sample : G3161-12
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9C57

Quant Time: Aug 10 05:35:56 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 10 05:35:03 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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(24) Benzo(k)fluoranthene

24.215min (-0.000) 12.85ng/ul m

response 805289

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	23.82
125.00	12.80	13.24
0.00	0.00	0.00

> UM
 08/11/15

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080915\
 Data File : BM002307.D
 Acq On : 09 Aug 2015 10:18
 Operator : TP/UM
 Sample : G3161-12
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9C57

Quant Time: Aug 10 05:55:40 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
 Quant Title : SVOA CALIBRATION
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	301100	20.00	ng/ul	0.00
2) Naphthalene-d8	11.79	136	1454849	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.50	164	765014	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.21	188	1519416	20.00	ng/ul	0.00
17) Chrysene-d12	22.30	240	1185274	20.00	ng/ul	0.00
22) Perylene-d12	25.00	264	1050123	20.00	ng/ul	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.20	160	2317940	29.25	ng/ul	0.00
10) Fluorene-d10	16.47	176	1515288	27.49	ng/ul	0.00
14) Anthracene-d10	18.31	188	2157045	29.26	ng/ul	0.00
18) Pyrene-d10	20.53	212	1976596	34.38	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.83	264	1629860	29.23	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	11.85	128	577342	7.54	ng/ul	100
4) 2-Methylnaphthalene	13.39	142	196877	3.60	ng/ul	98
5) 1-Methylnaphthalene	13.60	142	152456	2.83	ng/ul	97
9) Acenaphthene	15.56	153	473578	8.56	ng/ul	98
11) Fluorene	16.53	166	550939	8.84	ng/ul	98
13) Phenanthrene	18.26	178	6902382	78.93	ng/ul	97
15) Anthracene	18.34	178	1852173	20.51	ng/ul	100
16) Fluoranthene	20.20	202	6920669	71.47	ng/ul#	92
19) Pyrene	20.56	202	5628182	73.45	ng/ul	96
20) Benzo(a)anthracene	22.28	228	2346126	32.43	ng/ul	99
21) Chrysene	22.34	228	2121434	30.94	ng/ul	97
23) Benzo(b)fluoranthene	24.17	252	2452462	37.57	ng/ul	98
24) Benzo(k)fluoranthene	24.21	252	805289m	12.85	ng/ul	98
26) Benzo(a)pyrene	24.89	252	1693747	27.12	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	27.85	276	1144512	15.99	ng/ul	94
28) Dibenzo(a,h)anthracene	27.86	278	275122	4.54	ng/ul#	77
29) Benzo(g,h,i)perylene	28.74	276	1143133	18.93	ng/ul	98

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

UM
 08/11/15