

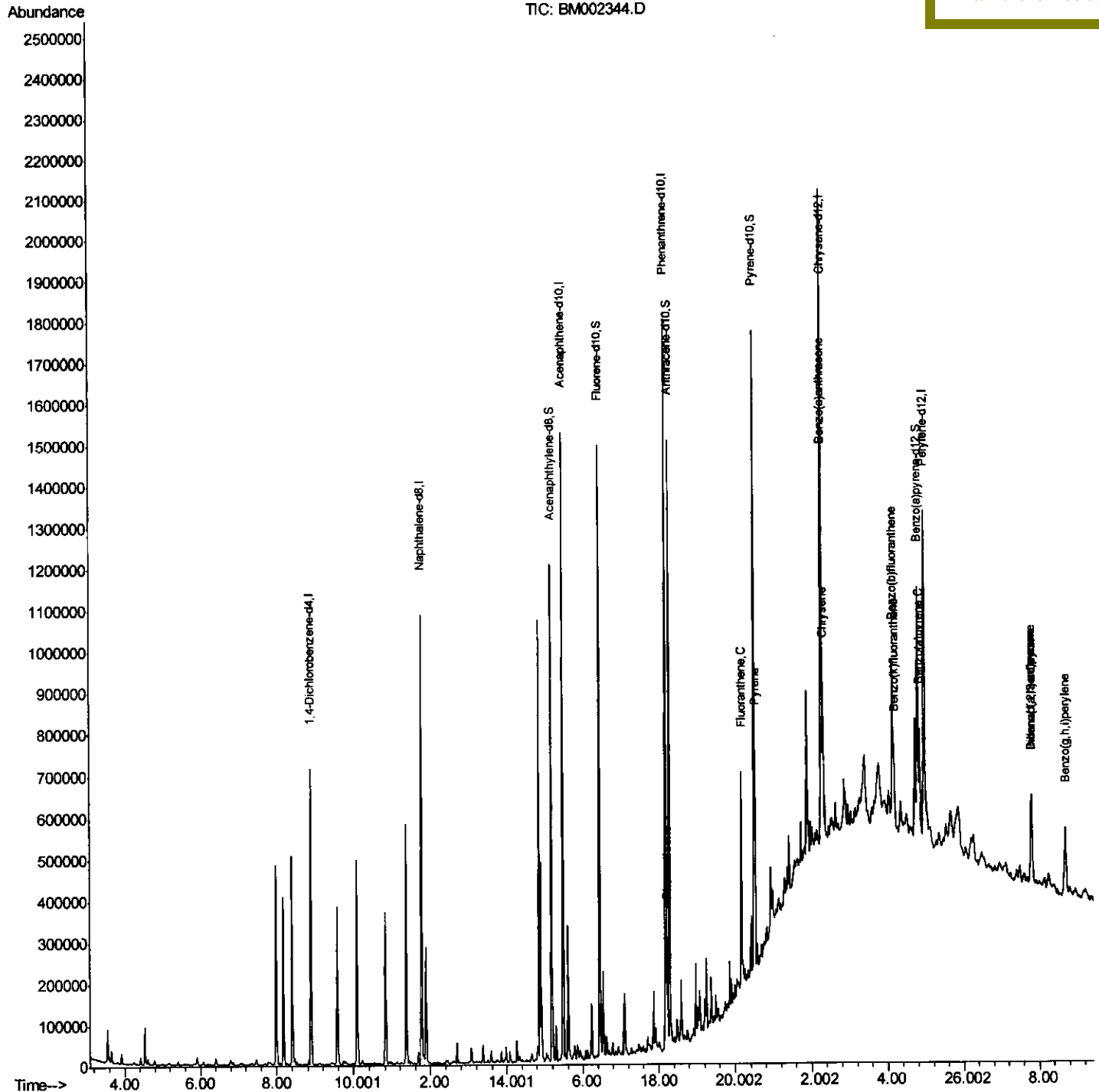
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081215\
Data File : BM002344.D
Acq On : 12 Aug 2015 04:20
Operator : UM/IZ
Sample : G3162-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9C76

Quant Time: Aug 12 05:11:45 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 12 04:50:31 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

MMDadoda
8/12/2015 2:35:50 PM



Quantitation Report (Qedit)

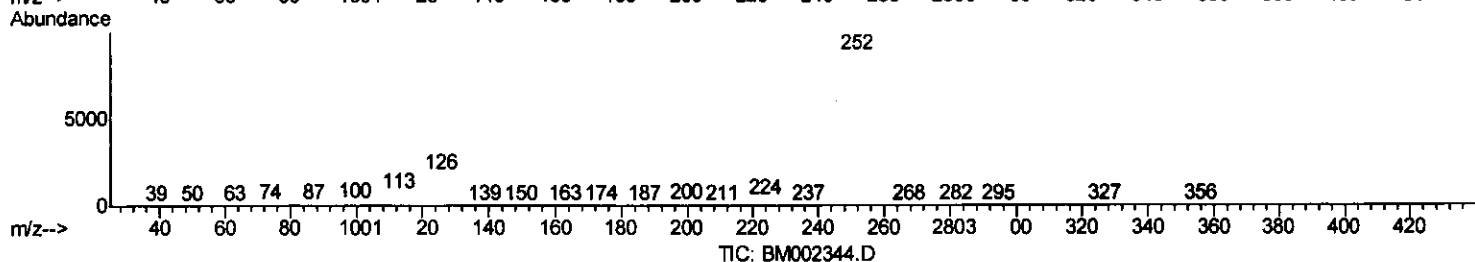
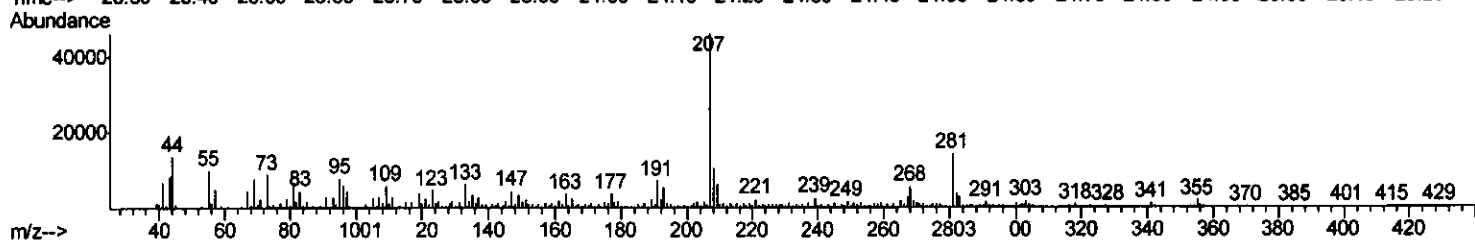
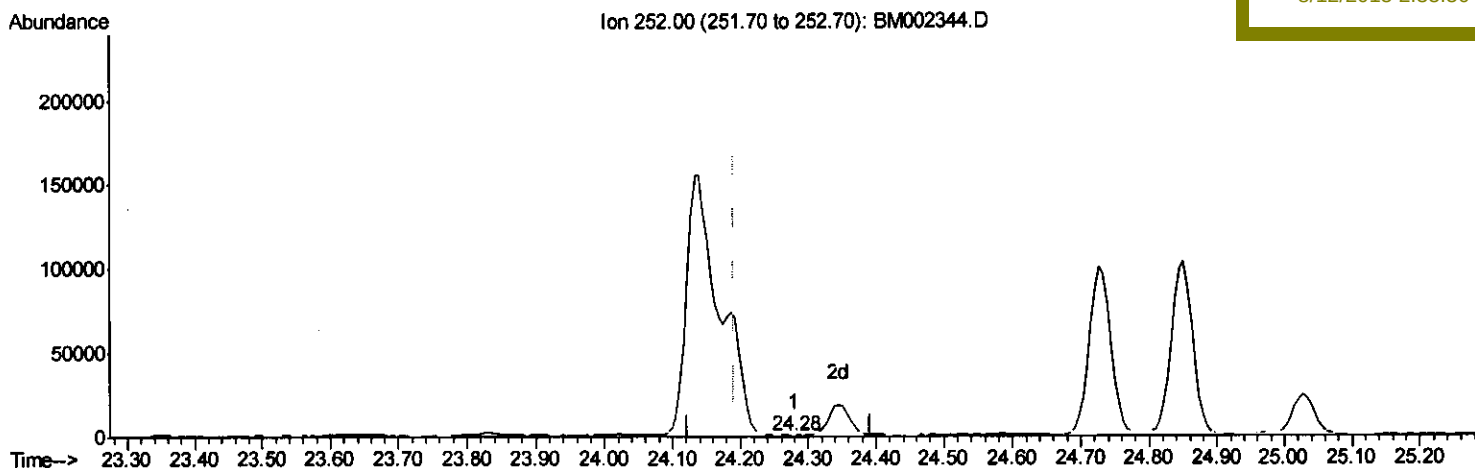
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Operator : UM/IZ
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ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9C76

Quant Time: Aug 12 05:10:51 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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(24) Benzo(k)fluoranthene

24.280min (+0.088) 0.00ng/ul

response 176

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	116.56#
125.00	12.80	178.48#
0.00	0.00	0.00

Quantitation Report (Qedit)

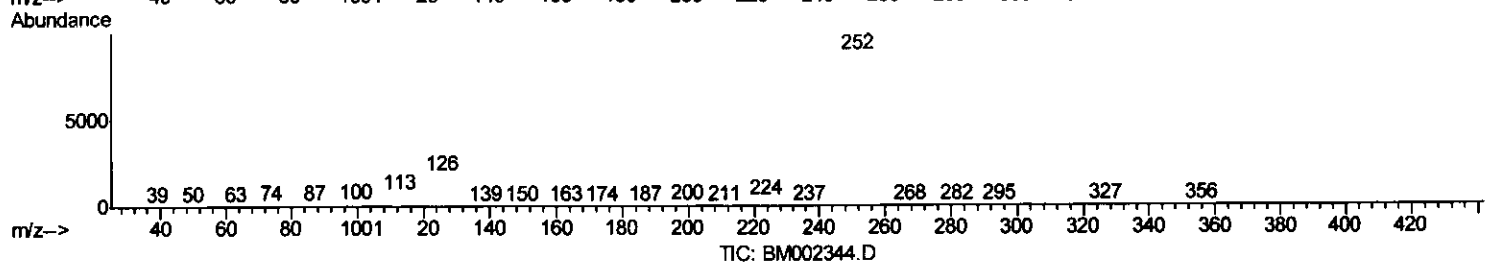
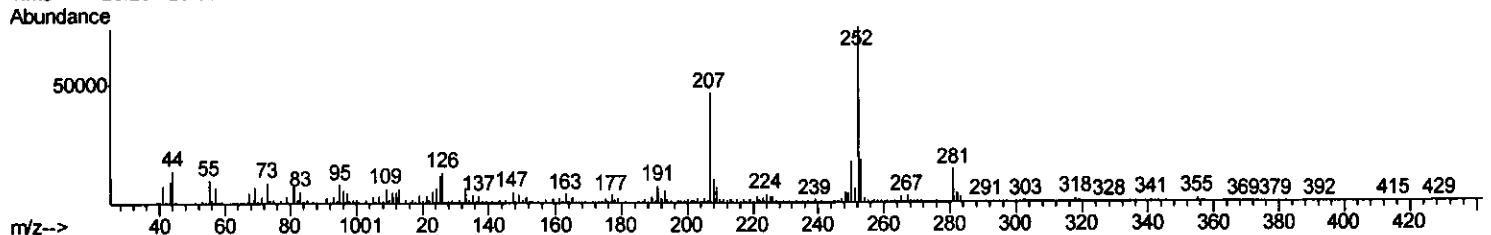
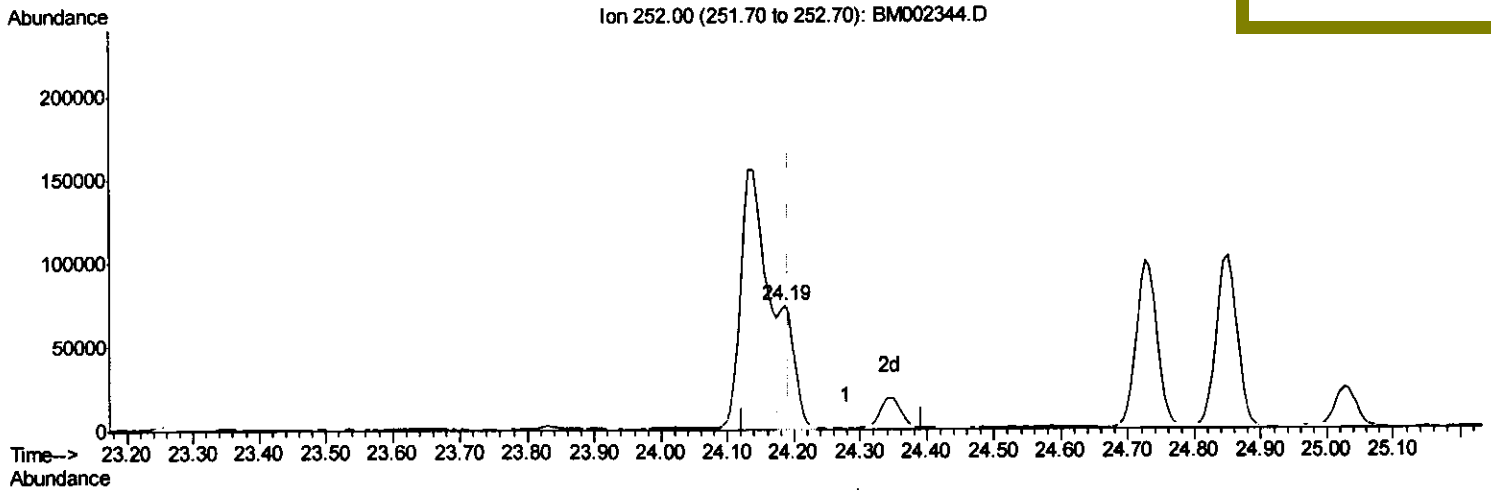
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081215\
 Data File : BM002344.D
 Acq On : 12 Aug 2015 04:20
 Operator : UM/IZ
 Sample : G3162-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9C76

Manual Integrations
 APPROVED

MMDadoda
 8/12/2015 2:35:50 PM

Quant Time: Aug 12 05:10:51 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 12 04:50:31 2015
 Response via : Initial Calibration



(24) Benzo(k)fluoranthene

24.186min (-0.006) 3.02ng/ul m

response 117958

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	24.79
125.00	12.80	15.94#
0.00	0.00	0.00

Y 6.M
 08/13/15

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081215\
 Data File : BM002344.D
 Acq On : 12 Aug 2015 04:20
 Operator : UM/IZ
 Sample : G3162-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9C76

Quant Time: Aug 12 05:11:45 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
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Manual Integrations
 APPROVED

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 8/12/2015 2:35:50 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	205768	20.00	ng/ul	0.00
2) Naphthalene-d8	11.77	136	977444	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.48	164	514764	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.19	188	1033143	20.00	ng/ul	0.00
17) Chrysene-d12	22.27	240	783913	20.00	ng/ul	0.00
22) Perylene-d12	24.97	264	655129	20.00	ng/ul	0.00

System Monitoring Compounds

7) Acenaphthylene-d8	15.19	160	891682	16.72	ng/ul	0.00
10) Fluorene-d10	16.45	176	607859	16.39	ng/ul	0.00
14) Anthracene-d10	18.29	188	833630	16.63	ng/ul	0.00
18) Pyrene-d10	20.50	212	769129	20.23	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.79	264	520751	14.97	ng/ul	0.00

Target Compounds

						Qvalue
13) Phenanthrene	18.23	178	145141	2.44	ng/ul	100
16) Fluoranthene	20.17	202	312817	4.75	ng/ul	99
19) Pyrene	20.53	202	286873	5.66	ng/ul	98
20) Benzo(a)anthracene	22.26	228	197683	4.13	ng/ul	98
21) Chrysene	22.32	228	236663	5.22	ng/ul	96
23) Benzo(b)fluoranthene	24.14	252	415154	10.20	ng/ul	98
24) Benzo(k)fluoranthene	24.19	252	117958m	3.02	ng/ul	
26) Benzo(a)pyrene	24.85	252	223130	5.73	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	27.80	276	227393	5.09	ng/ul	94
28) Dibenzo(a,h)anthracene	27.81	278	63884	1.69	ng/ul#	84
29) Benzo(g,h,i)perylene	28.69	276	218842	5.81	ng/ul	96

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

U.M
 08/13/15