

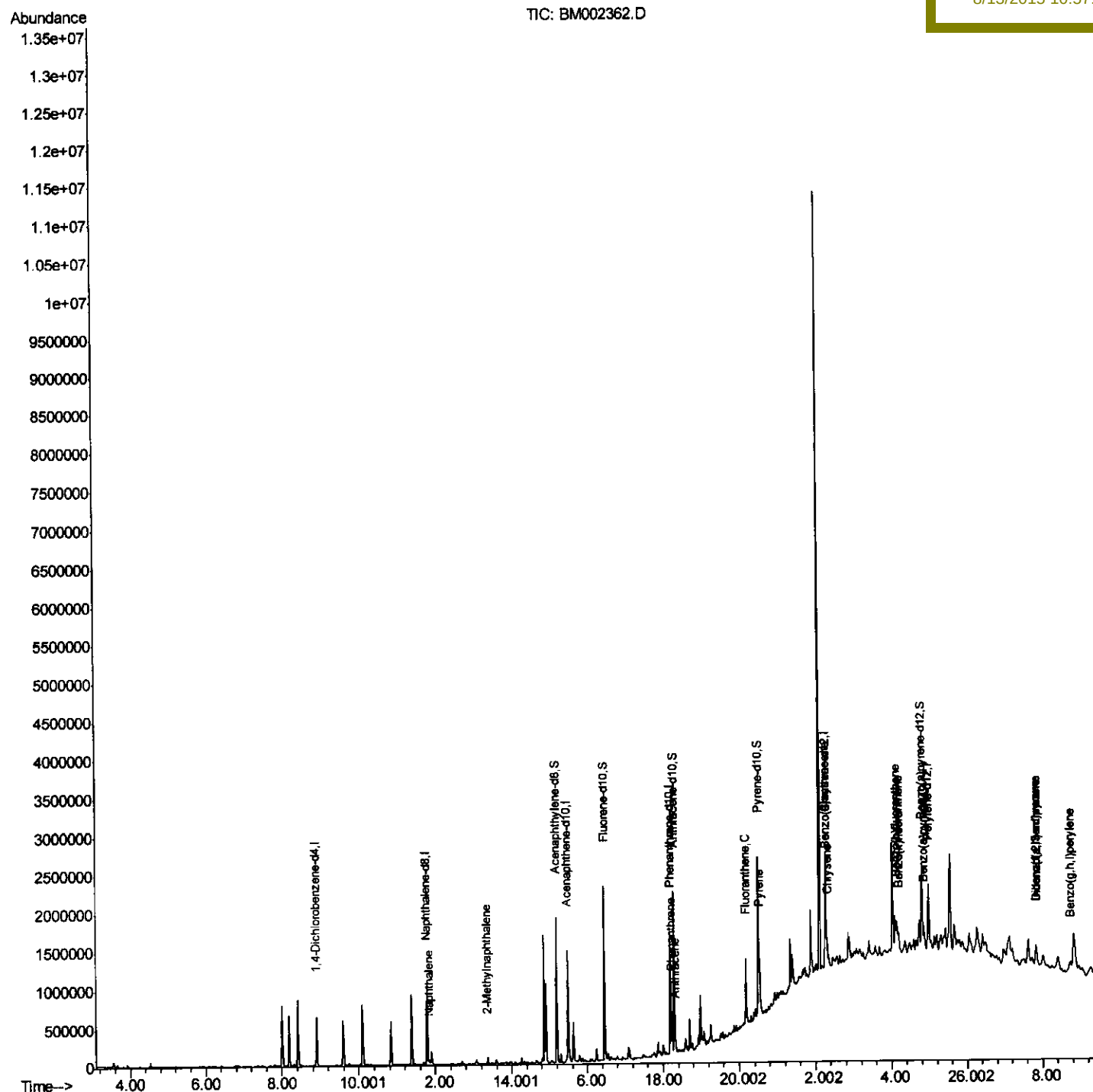
Data Path : Z:\HPCHEM1\BNA_M\Data\BM081215\
Data File : BM002362.D
Acq On : 12 Aug 2015 15:48
Operator : UM/I2
Sample : G3163-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
D9C95

Quant Time: Aug 12 18:15:51 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

MM Dadoda
8/13/2015 10:57:13 AM



Quantitation Report (Qedit)

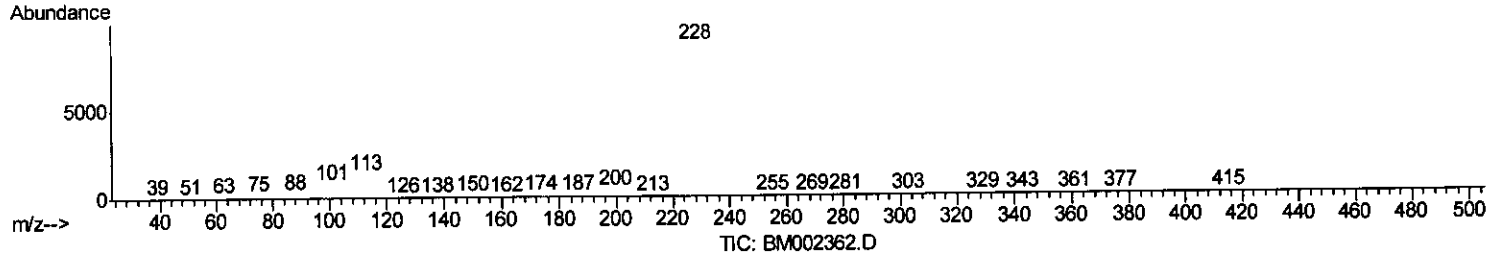
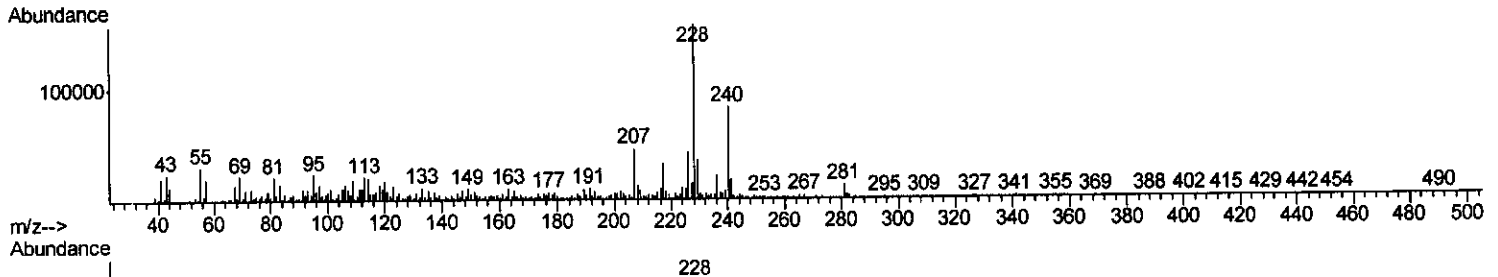
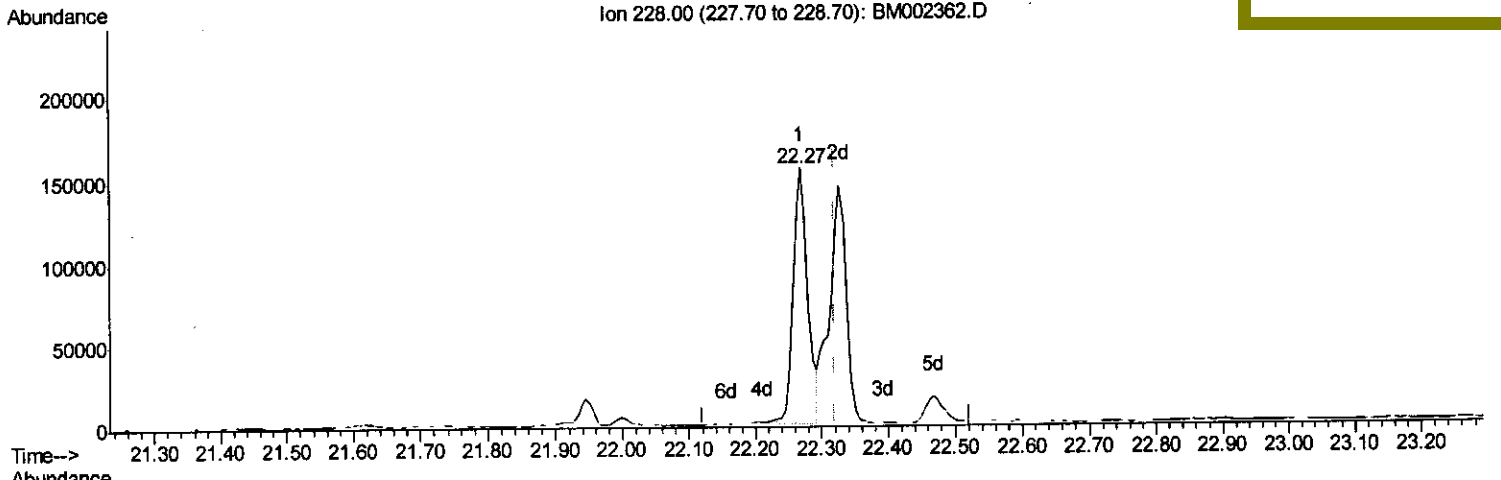
Data Path : Z:\HPCHEM1\BNA_M\Data\BM081215\
 Data File : BM002362.D
 Acq On : 12 Aug 2015 15:48
 Operator : UM/IZ
 Sample : G3163-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9C95

Quant Time: Aug 12 18:11:04 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 10:57:13 AM



(21) Chrysene

22.268min (-0.053) 5.96ng/ul

response 234622

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	27.29
229.00	19.40	22.86
0.00	0.00	0.00

Quantitation Report (Qedit)

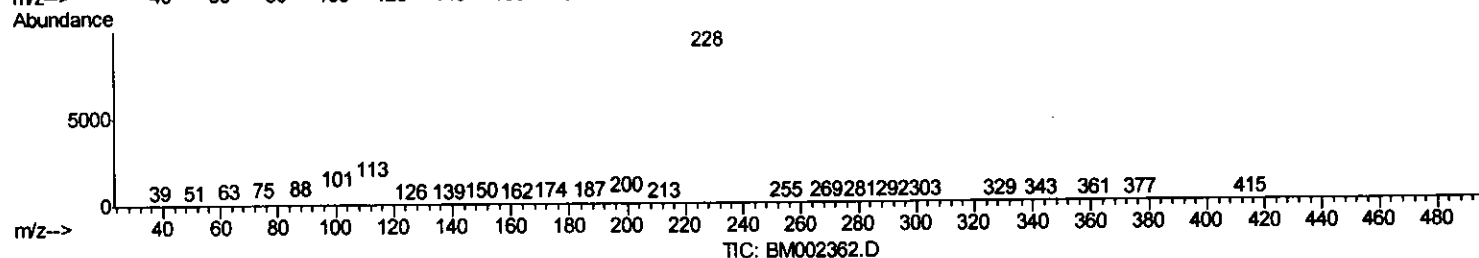
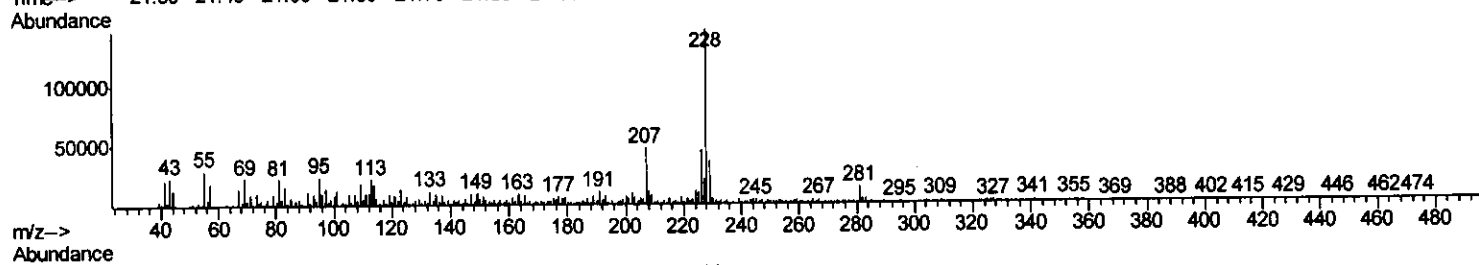
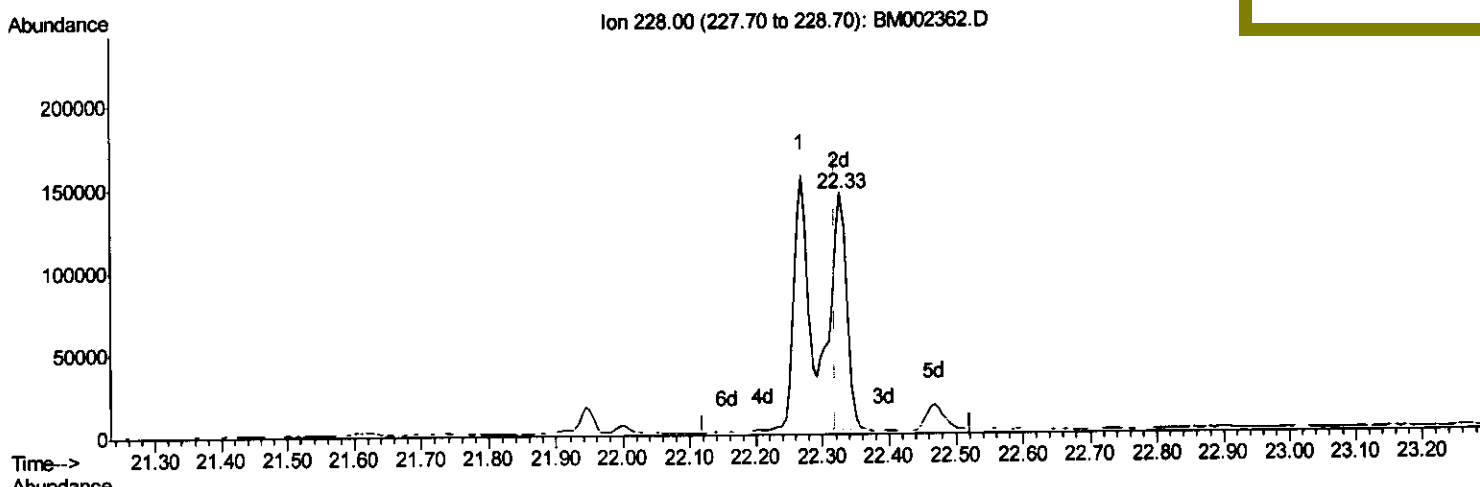
Data Path : Z:\HPCHEM1\BNA_M\Data\BM081215\
 Data File : BM002362.D
 Acq On : 12 Aug 2015 15:48
 Operator : UM/IZ
 Sample : G3163-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9C95

Quant Time: Aug 12 18:11:04 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 10:57:13 AM



(21) Chrysene

22.327min (+0.006) 6.34ng/ul m

response 249469

Ion Exp% Act%

228.00 100 100

226.00 29.20 31.05

229.00 19.40 24.70#

0.00 0.00 0.00

U.M
 8/13/15

Quantitation Report (Qedit)

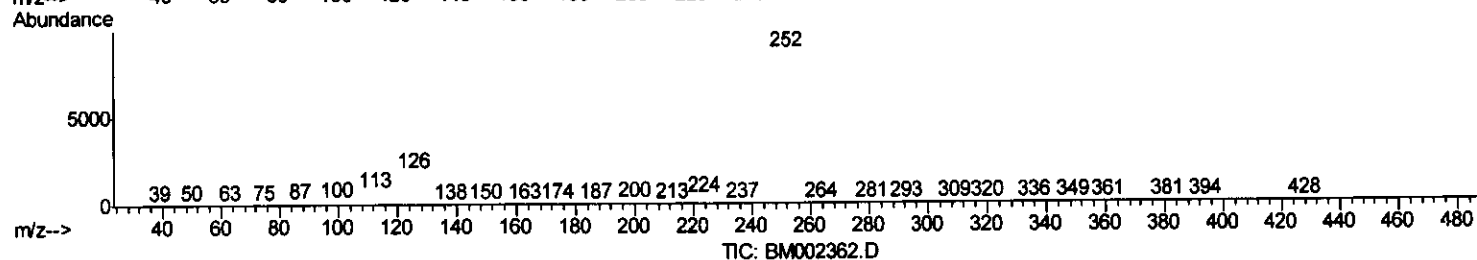
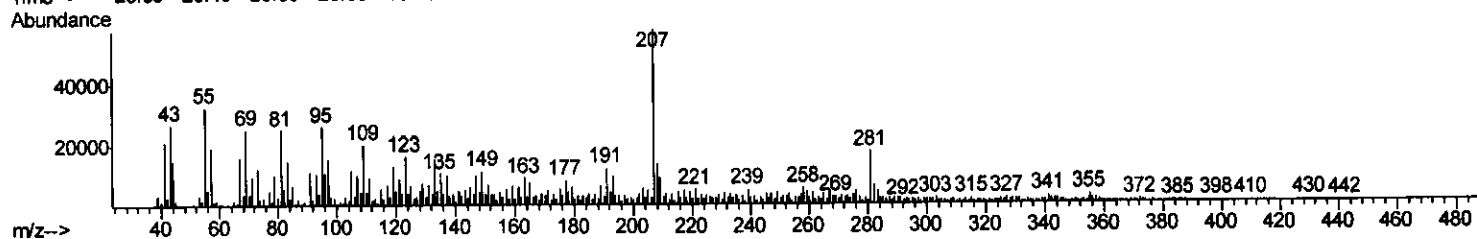
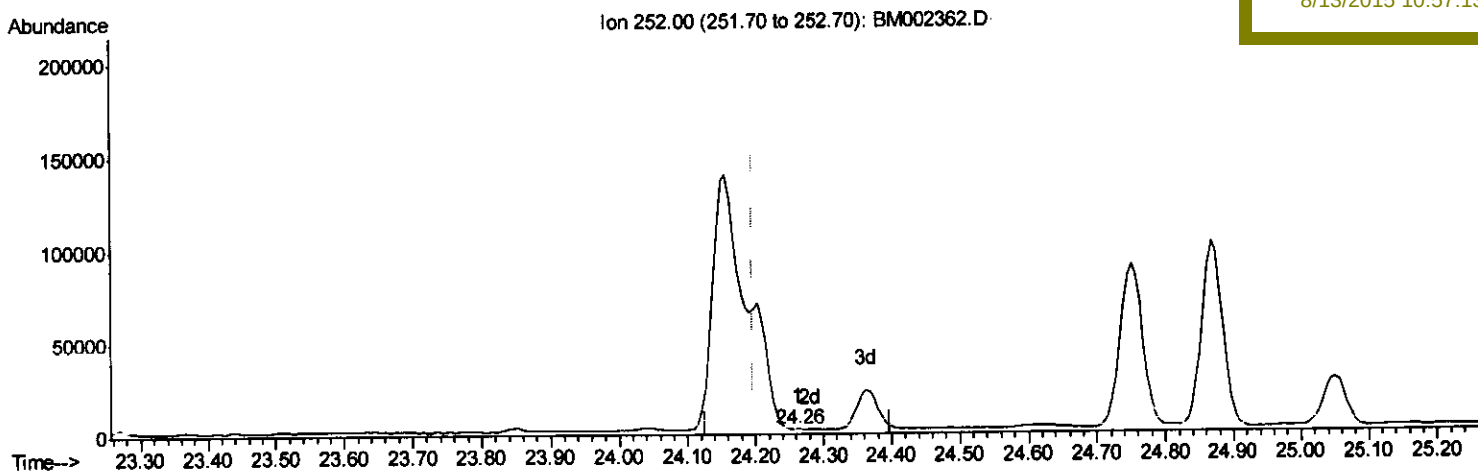
Data Path : Z:\HPCHEM1\BNA_M\Data\BM081215\
Data File : BM002362.D
Acq On : 12 Aug 2015 15:48
Operator : UM/IZ
Sample : G3163-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 12 18:11:04 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

Instrument :
BNA_M
ClientSampleId :
D9C95

Manual Integrations
APPROVED

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



(24) Benzo(k)fluoranthene

24.262min (+0.065) 0.00ng/ul

response 159

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	122.34#
125.00	12.80	208.58#
0.00	0.00	0.00

Quantitation Report (Qedit)

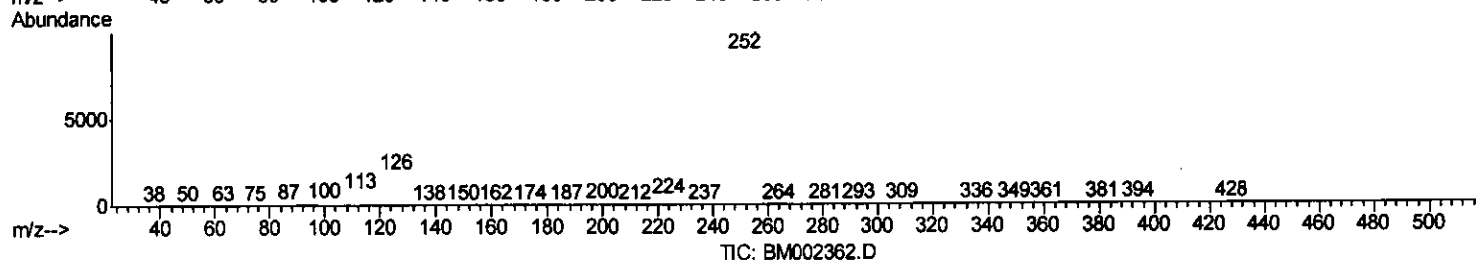
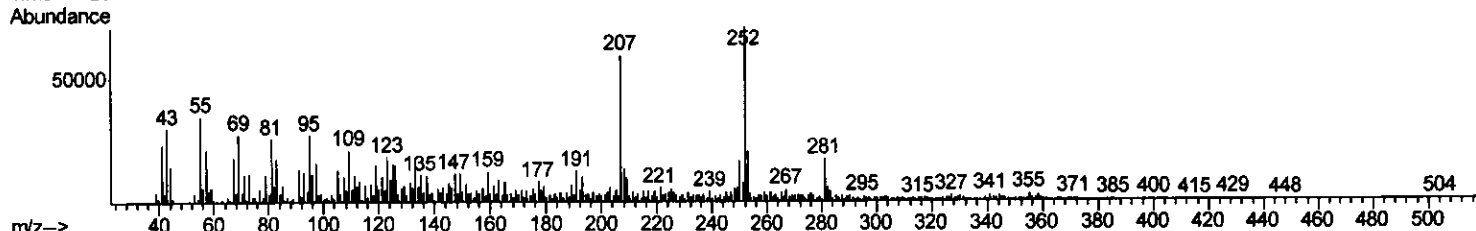
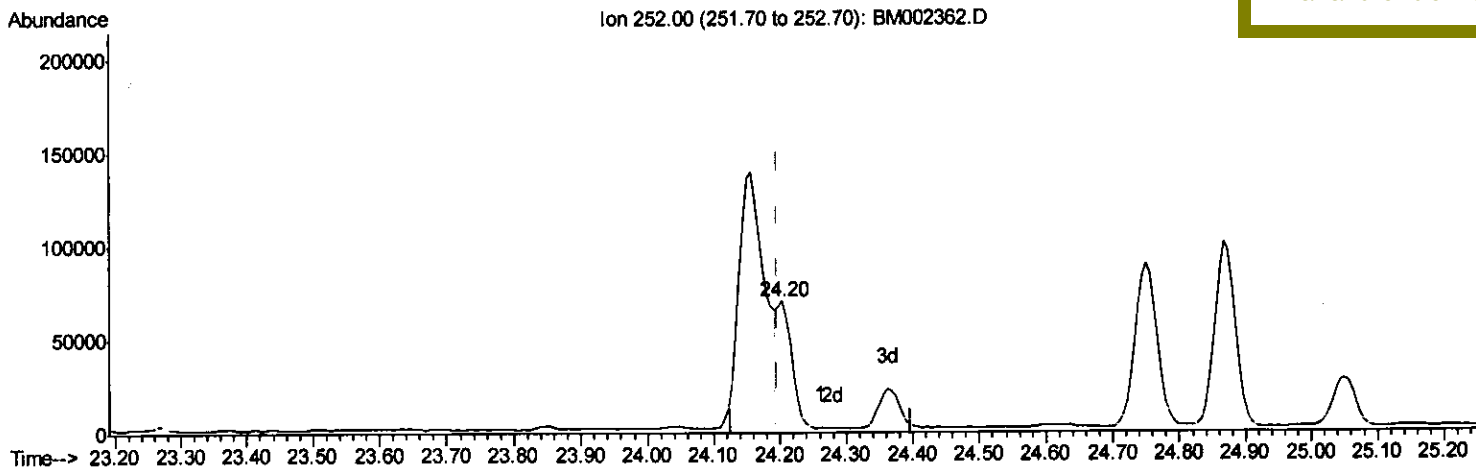
Data Path : Z:\HPCHEM1\BNA_M\Data\BM081215\
Data File : BM002362.D
Acq On : 12 Aug 2015 15:48
Operator : UM/IZ
Sample : G3163-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
D9C95

Quant Time: Aug 12 18:11:04 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 10:57:13 AM



(24) Benzo(k)fluoranthene

24.203min (+0.006) 2.67ng/ul m

response 104760

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	28.79#
125.00	12.80	22.37#
0.00	0.00	0.00

> U.M
8/13/15

Data Path : Z:\HPCHEM1\BNA_M\Data\BM081215\
 Data File : BM002362.D
 Acq On : 12 Aug 2015 15:48
 Operator : UM/IZ
 Sample : G3163-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9C95

Quant Time: Aug 12 18:15:51 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 10:57:13 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	190193	20.00	ng/ul	0.00
2) Naphthalene-d8	11.77	136	929980	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.49	164	507968	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.20	188	939045	20.00	ng/ul	0.00
17) Chrysene-d12	22.29	240	680066	20.00	ng/ul	0.00
22) Perylene-d12	24.99	264	658551	20.00	ng/ul	0.02

System Monitoring Compounds

7) Acenaphthylene-d8	15.19	160	1391453	26.44	ng/ul	0.00
10) Fluorene-d10	16.46	176	925078	25.28	ng/ul	0.00
14) Anthracene-d10	18.29	188	1205091	26.45	ng/ul	0.00
18) Pyrene-d10	20.52	212	1006219	30.51	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.82	264	890723	25.47	ng/ul	0.02

Target Compounds

						Qvalue
3) Naphthalene	11.83	128	57092	1.17	ng/ul	99
4) 2-Methylnaphthalene	13.37	142	41685	1.19	ng/ul	99
13) Phenanthrene	18.24	178	313685	5.80	ng/ul	100
15) Anthracene	18.33	178	70269	1.26	ng/ul	96
16) Fluoranthene	20.19	202	527788	8.82	ng/ul	98
19) Pyrene	20.54	202	415614	9.45	ng/ul	96
20) Benzo(a)anthracene	22.27	228	234975	5.66	ng/ul	96
21) Chrysene	22.33	228	249469m	6.34	ng/ul	93
23) Benzo(b)fluoranthene	24.16	252	374185	9.14	ng/ul#	
24) Benzo(k)fluoranthene	24.20	252	104760m	2.67	ng/ul	
26) Benzo(a)pyrene	24.87	252	213744	5.46	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	27.85	276	173521	3.87	ng/ul	99
28) Dibenzo(a,h)anthracene	27.86	278	50579	1.33	ng/ul#	62
29) Benzo(g,h,i)perylene	28.74	276	168497	4.45	ng/ul	93

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

U.M
 8/13/15