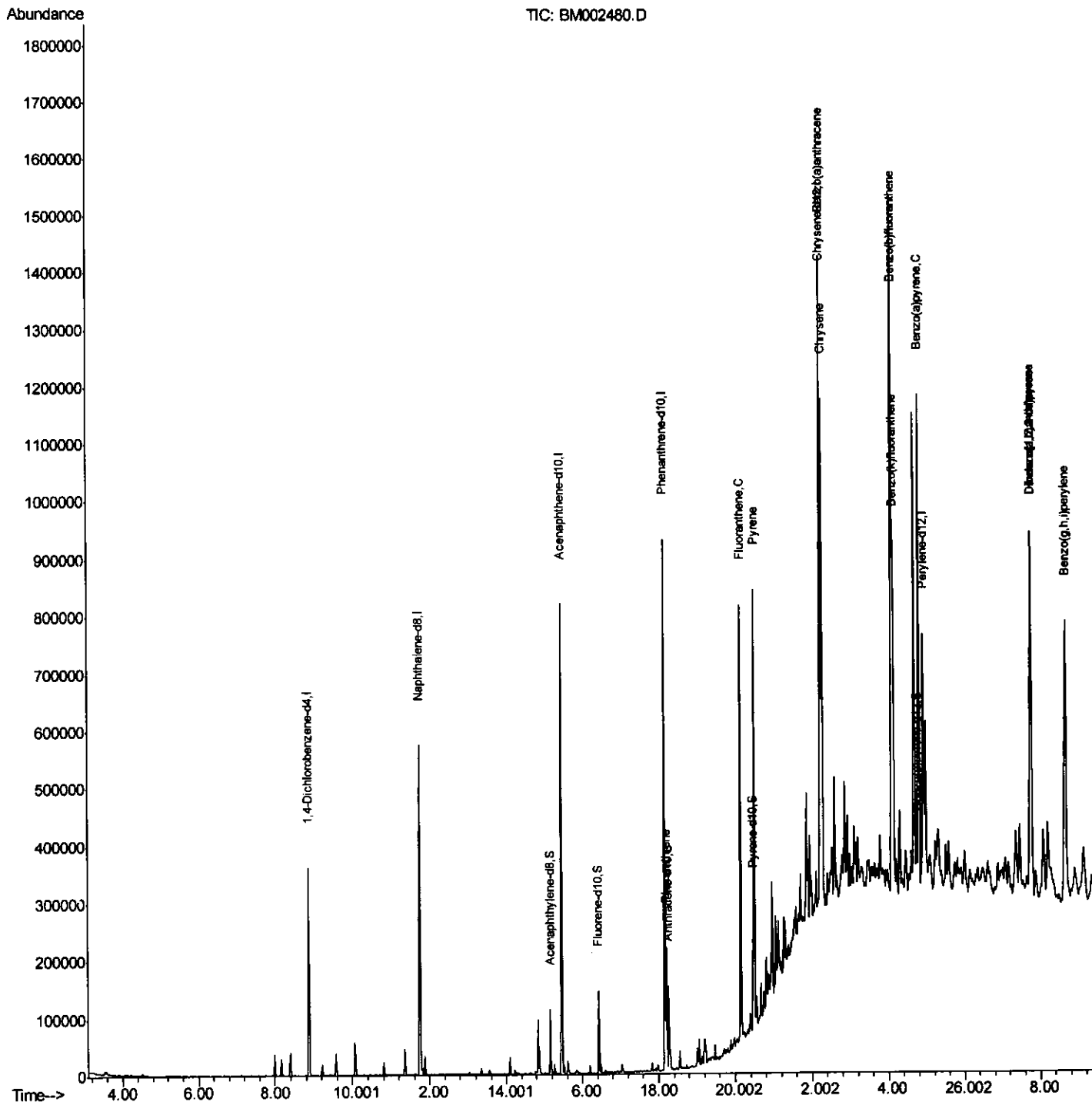


Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081815\
Data File : BM002480.D
Acq On : 18 Aug 2015 10:45
Operator : UM/IZ
Sample : G3227-22DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

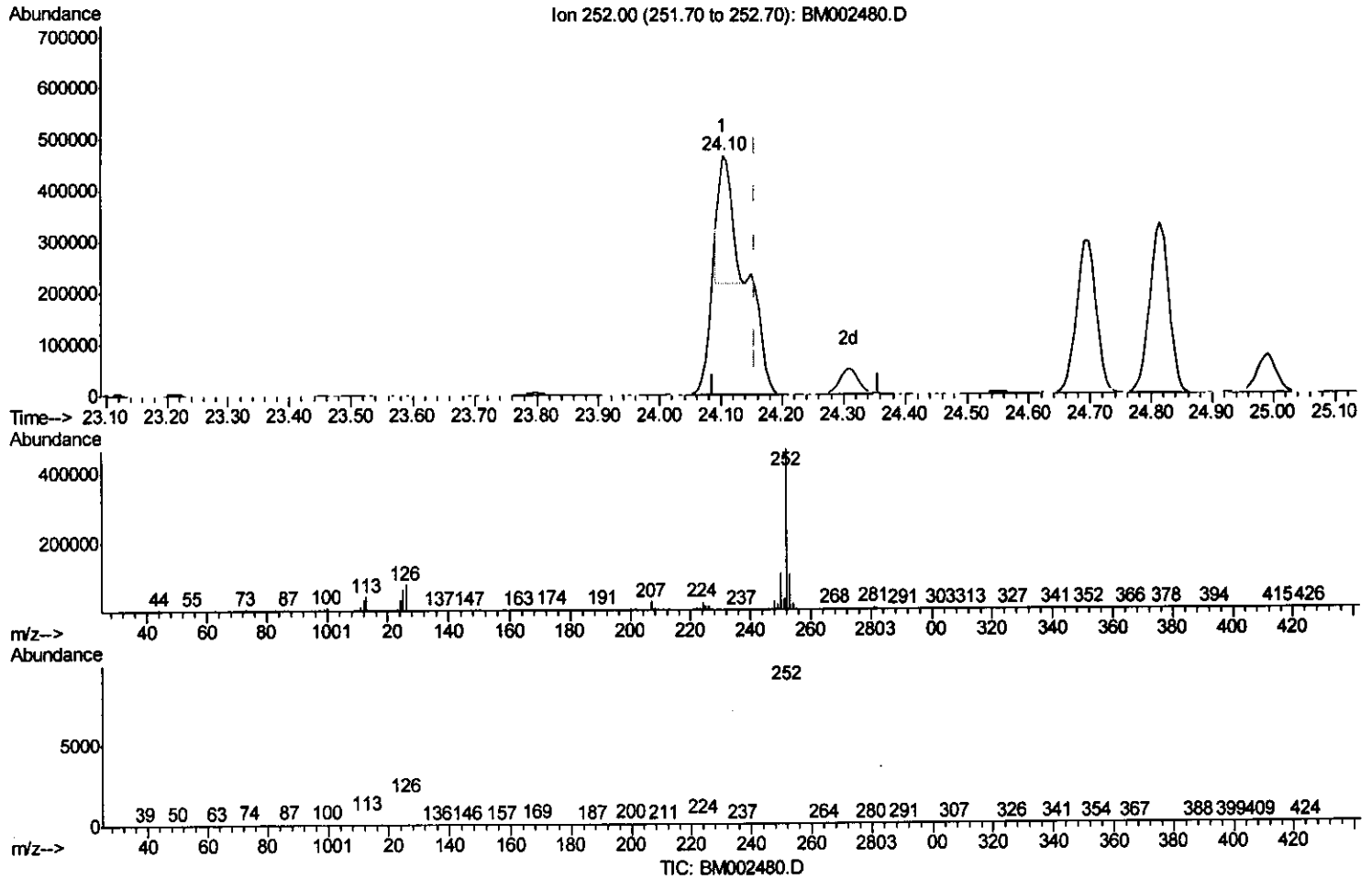
Quant Time: Aug 18 18:10:46 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 18 17:52:39 2015
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081815\
 Data File : BM002480.D
 Acq On : 18 Aug 2015 10:45
 Operator : UM/IZ
 Sample : G3227-22DL 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 18 18:08:35 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 18 17:52:39 2015
 Response via : Initial Calibration



(24) Benzo(k)fluoranthene

24.103min (-0.053) 16.69ng/ul

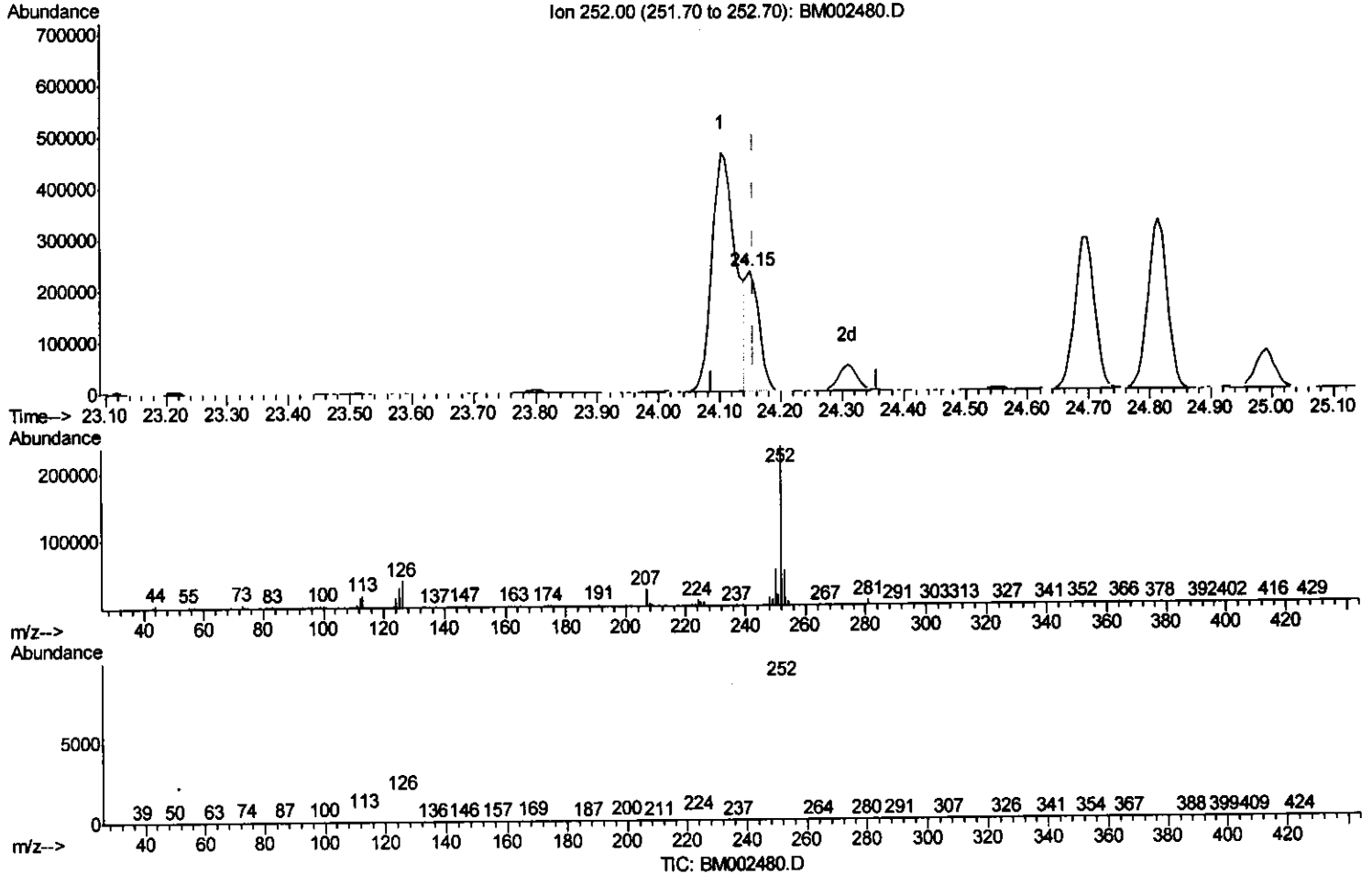
response 359190

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	22.02
125.00	12.30	13.39
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081815\
 Data File : BM002480.D
 Acq On : 18 Aug 2015 10:45
 Operator : UM/IZ
 Sample : G3227-22DL 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 18 18:08:35 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 18 17:52:39 2015
 Response via : Initial Calibration



(24) Benzo(k)fluoranthene

24.150min (-0.006) 17.09ng/ul m

response 367716

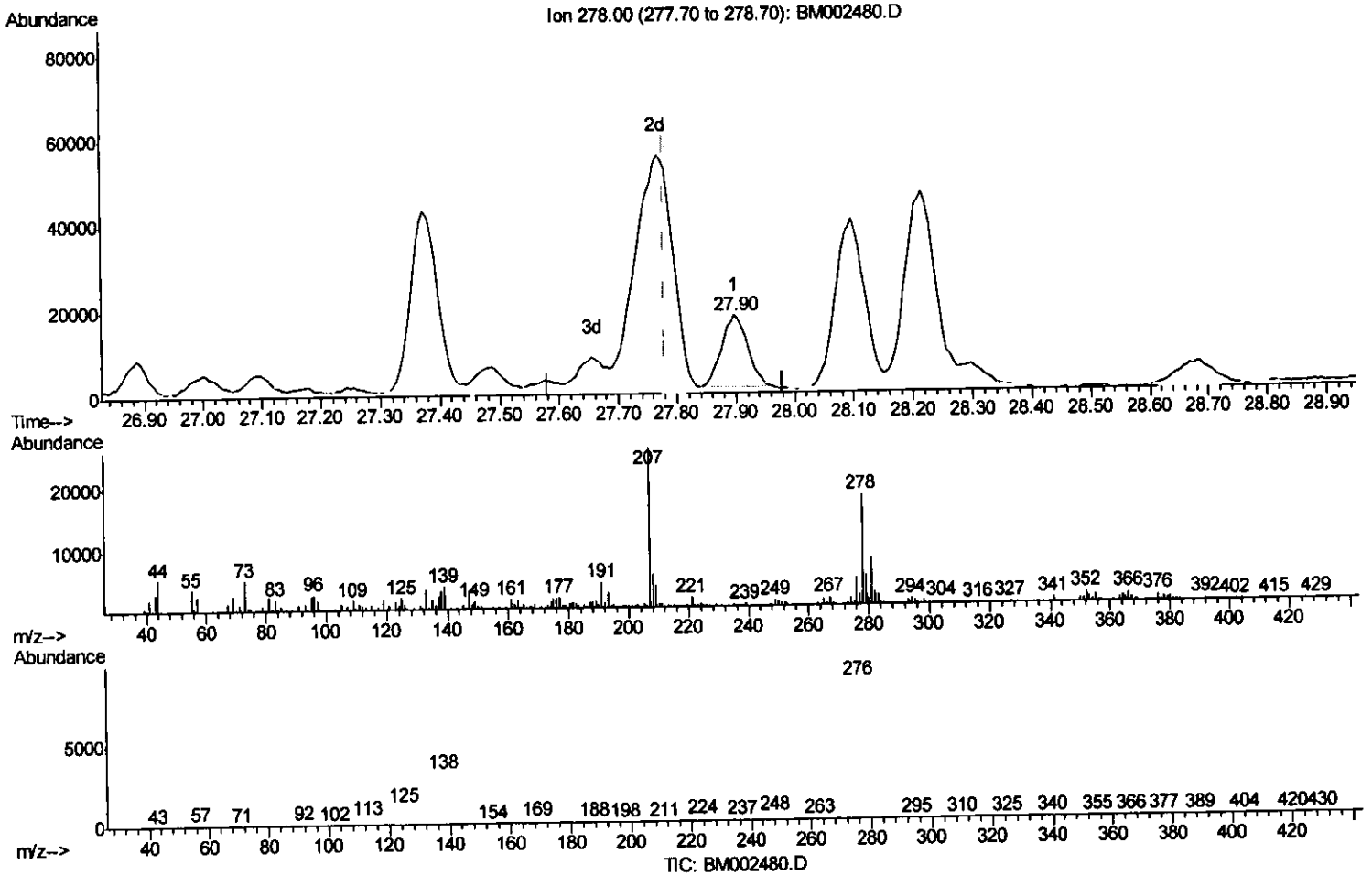
U.M
8/19/15

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	22.26
125.00	12.30	12.50
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081815\
 Data File : BM002480.D
 Acq On : 18 Aug 2015 10:45
 Operator : UM/IZ
 Sample : G3227-22DL 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 18 18:08:35 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 18 17:52:39 2015
 Response via : Initial Calibration



(28) Dibenzo(a,h)anthracene

27.897min (+0.118) 2.47ng/ul

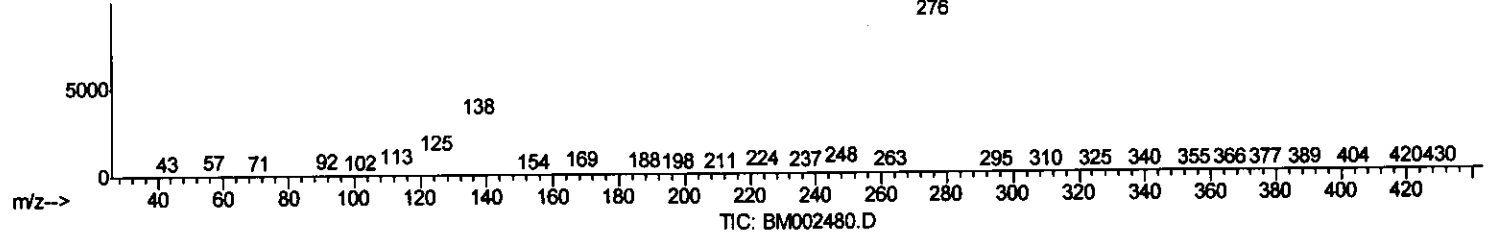
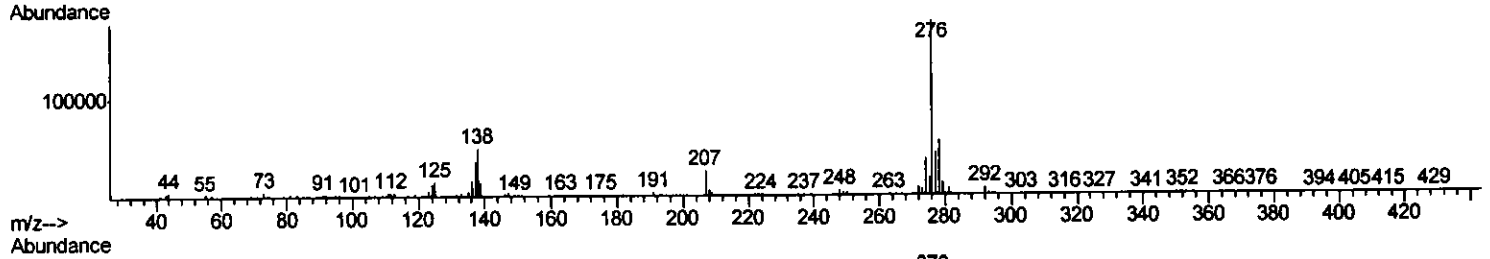
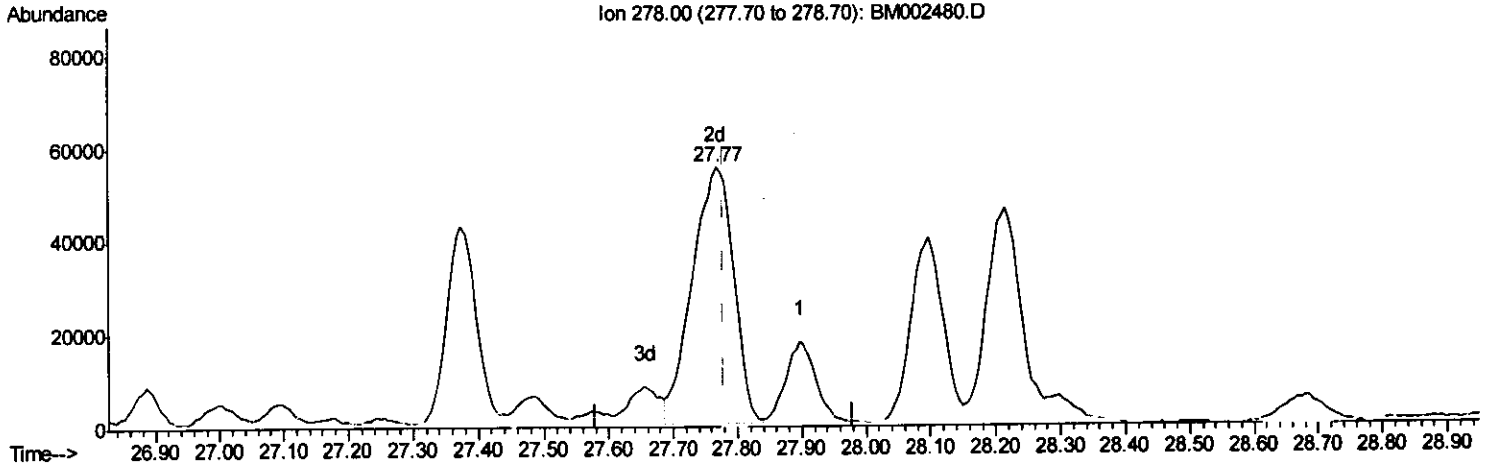
response 51407

Ion	Exp%	Act%
278.00	100	100
139.00	20.60	22.08
279.00	23.50	27.71
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081815\
 Data File : BM002480.D
 Acq On : 18 Aug 2015 10:45
 Operator : UM/IZ
 Sample : G3227-22DL 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 18 18:08:35 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 18 17:52:39 2015
 Response via : Initial Calibration



(28) Dibenzo(a,h)anthracene

27.768min (-0.012) 11.79ng/ul m *U.M*
8/19/15

response 245772

Ion	Exp%	Act%
278.00	100	100
139.00	20.60	25.28#
279.00	23.50	24.91
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081815\
 Data File : BM002480.D
 Acq On : 18 Aug 2015 10:45
 Operator : UM/IZ
 Sample : G3227-22DL 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 18 18:10:46 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 18 17:52:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	111236	20.00	ng/ul	0.00
2) Naphthalene-d8	11.75	136	545404	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.46	164	286812	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.17	188	566628	20.00	ng/ul	0.00
17) Chrysene-d12	22.25	240	390167	20.00	ng/ul	0.00
22) Perylene-d12	24.93	264	375668	20.00	ng/ul	0.00

System Monitoring Compounds

7) Acenaphthylene-d8	15.16	160	88247	3.01	ng/ul	0.00
10) Fluorene-d10	16.43	176	61889	3.00	ng/ul	0.00
14) Anthracene-d10	18.26	188	85663	3.13	ng/ul	0.00
18) Pyrene-d10	20.48	212	70545	4.08	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.76	264	56431	2.86	ng/ul	0.00

Target Compounds

						Qvalue
13) Phenanthrene	18.21	178	134200	4.10	ng/ul	99
16) Fluoranthene	20.16	202	459615	12.41	ng/ul	99
19) Pyrene	20.51	202	442657	19.37	ng/ul	100
20) Benzo(a)anthracene	22.23	228	475744	20.39	ng/ul	99
21) Chrysene	22.29	228	596376	27.33	ng/ul	97
23) Benzo(b)fluoranthene	24.10	252	1241288	54.66	ng/ul	99
24) Benzo(k)fluoranthene	24.15	252	367716m	17.09	ng/ul	99
26) Benzo(a)pyrene	24.81	252	738980	34.07	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	27.78	276	712577	28.56	ng/ul	94
28) Dibenzo(a,h)anthracene	27.77	278	245772m	11.79	ng/ul	98
29) Benzo(g,h,i)perylene	28.67	276	646703	31.14	ng/ul	98

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