

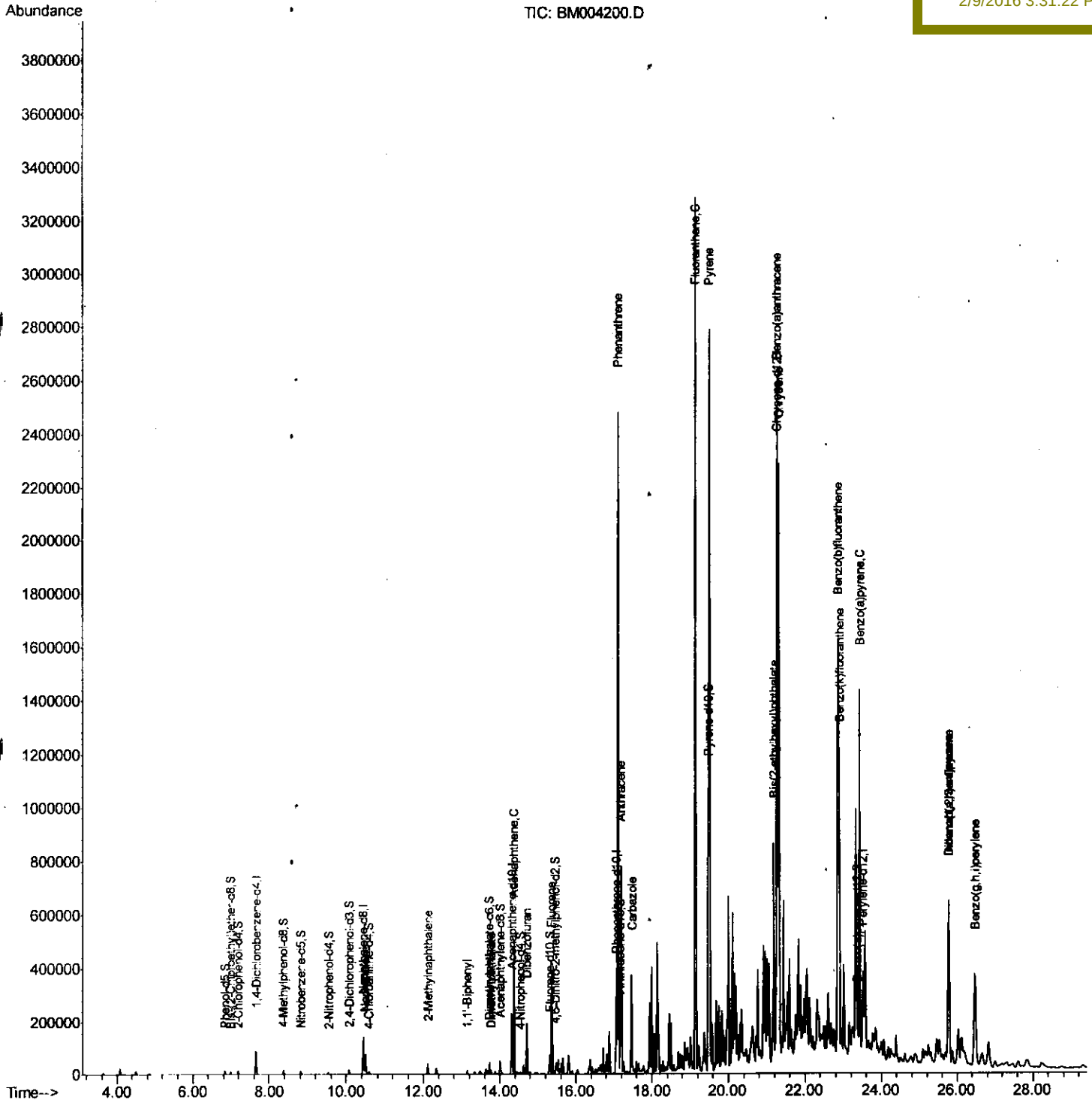
```
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020816\  
Data File : BM004200.D  
Acq On    : 08 Feb 2016 15:11  
Operator  : SJ/IZ  
Sample    : H1340-16 5X  
Misc      :  
ALS Vial  : 7      Sample Multiplier: 1
```

Instrument :
BNA_M
ClientSampleId :
C04P4

Manual Integrations

Sohil
2/9/2016 3:31:22 PM

Quant Time: Feb 09 00:41:44 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 09 00:07:17 2016
Response via : Initial Calibration



Quantitation Report (Qedit)

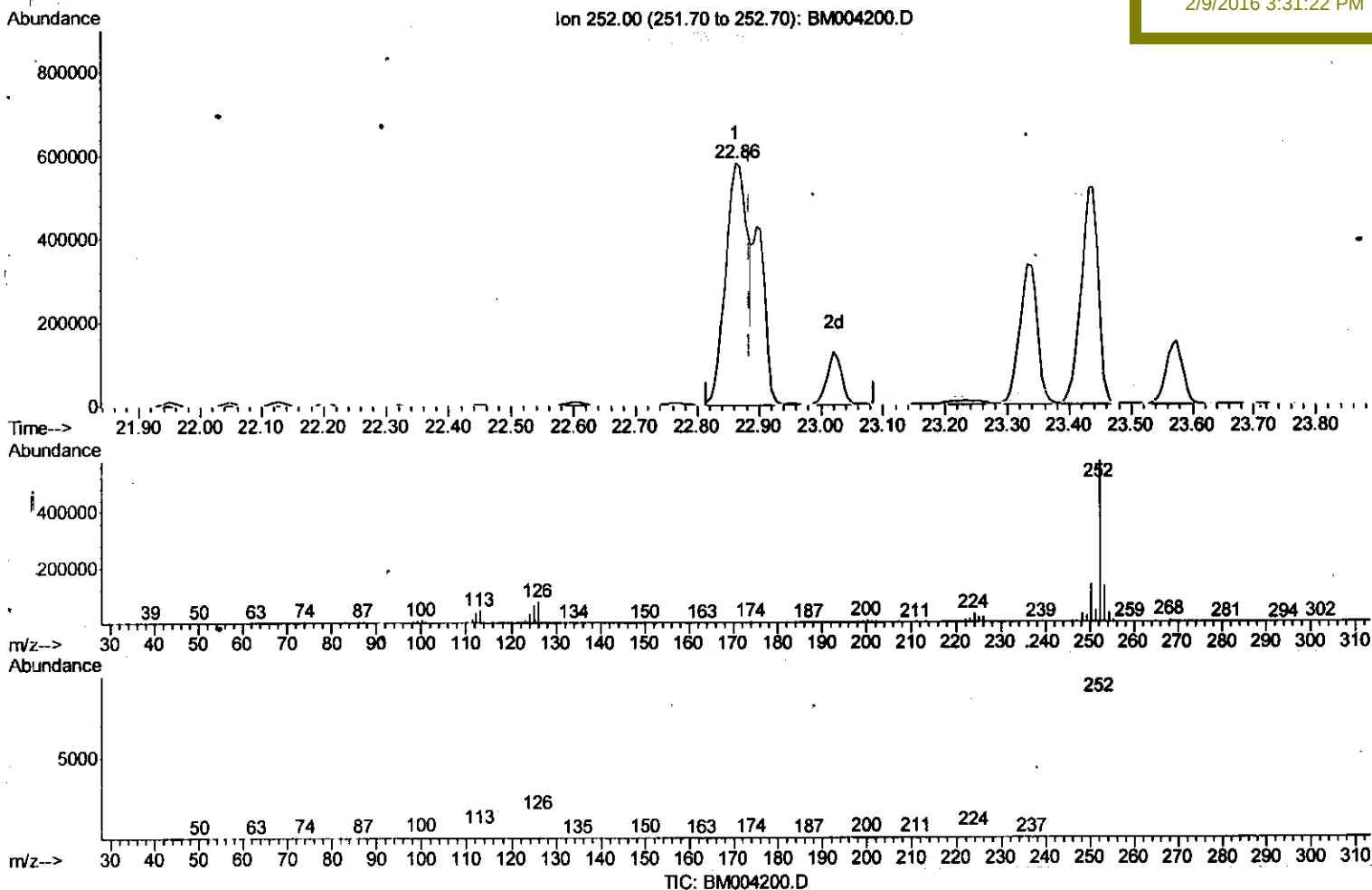
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020816\
 Data File : BM004200.D
 Acq On : 08 Feb 2016 15:11
 Operator : SJ/IZ
 Sample : H1340-16 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C04P4

Quant Time: Feb 09 00:11:25 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 09 00:07:17 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Sohil
 2/9/2016 3:31:22 PM



(89) Benzo(k)fluoranthene

22.862min (-0.023) 61.33ng/ul

response 782045

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	22.83
125.00	10.20	11.17
0.00	0.00	0.00

Quantitation Report (Qedit)

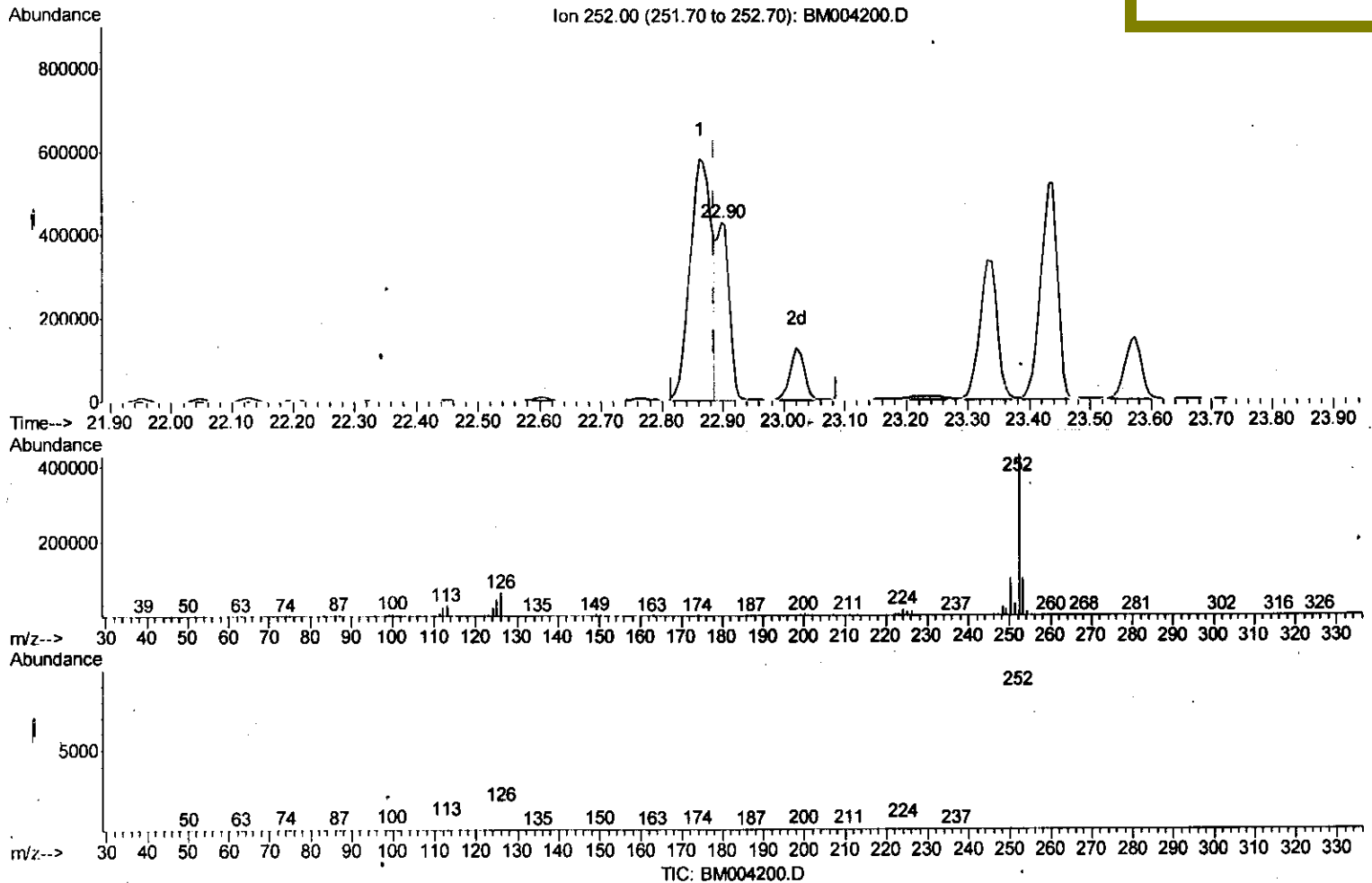
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020816\
 Data File : BM004200.D
 Acq On : 08 Feb 2016 15:11
 Operator : SJ/IZ
 Sample : H1340-16 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C04P4

Quant Time: Feb 09 00:11:25 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
 Quant Title : SVOA CALIBRATION
 Qlast Update : Tue Feb 09 00:07:17 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Sohil
 2/9/2016 3:31:22 PM



(89) Benzo(k)fluoranthene

22.897min (+0.012) 47.42ng/ul m S.J
 response 604708 2/11/16

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	23.14
125.00	10.20	10.84
0.00	0.00	0.00

Quantitation Report (Qedit)

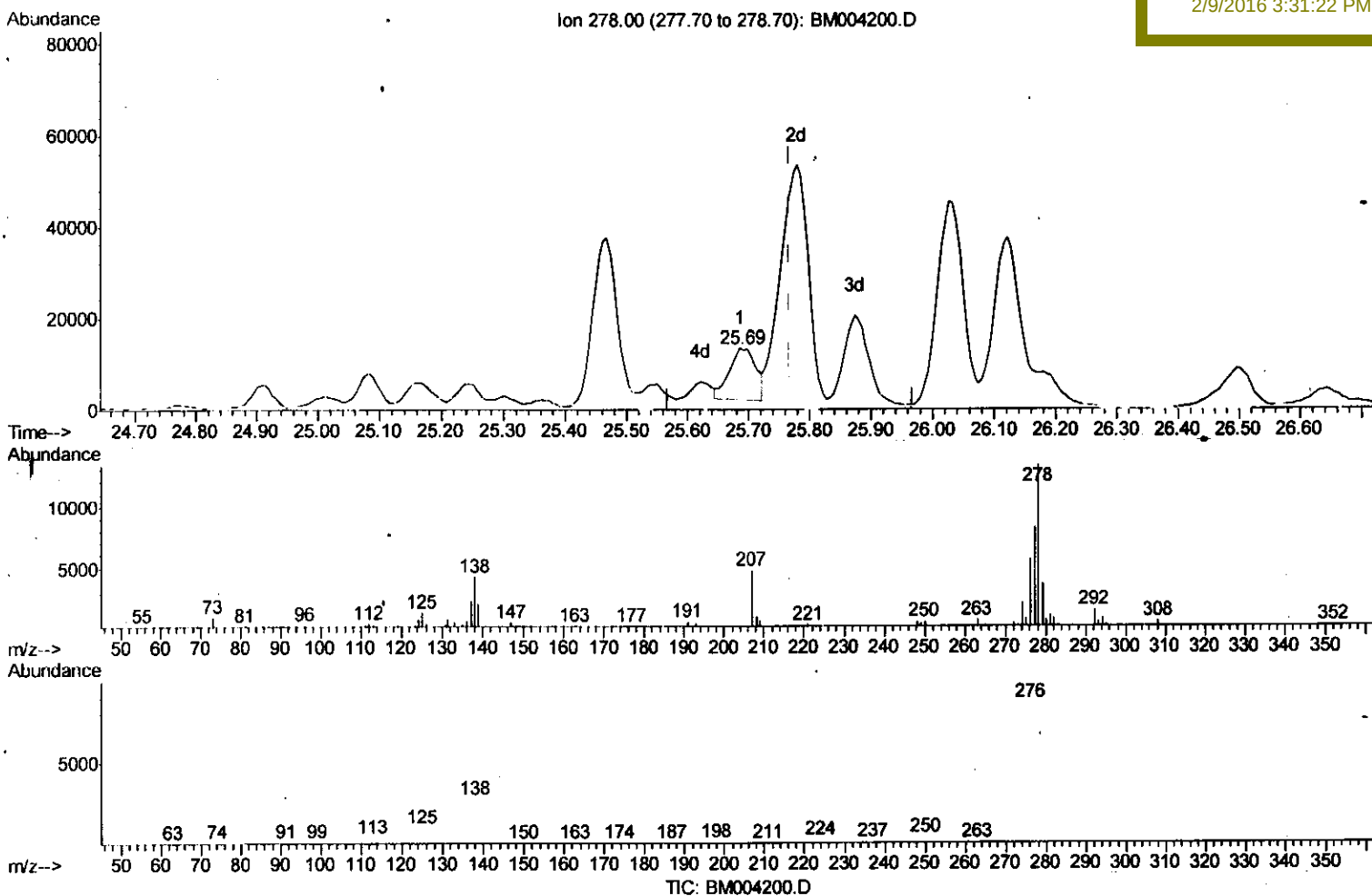
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020816\
 Data File : BM004200.D
 Acq On : 08 Feb 2016 15:11
 Operator : SJ/IZ
 Sample : H1340-16 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C04P4

Manual Integrations
 APPROVED

Sohil
 2/9/2016 3:31:22 PM

Quant Time: Feb 09 00:11:25 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
 Quant Title : SVOA CALIBRATION
 Last Update : Tue Feb 09 00:07:17 2016
 Response via : Initial Calibration



(93) Dibenzo(a,h)anthracene

25.685min (-0.082) 2.57ng/ui

response 33850

Ion	Exp%	Act%
278.00	100	100
139.00	17.40	15.97
279.00	23.70	27.77
0.00	0.00	0.00

Quantitation Report (Qedit)

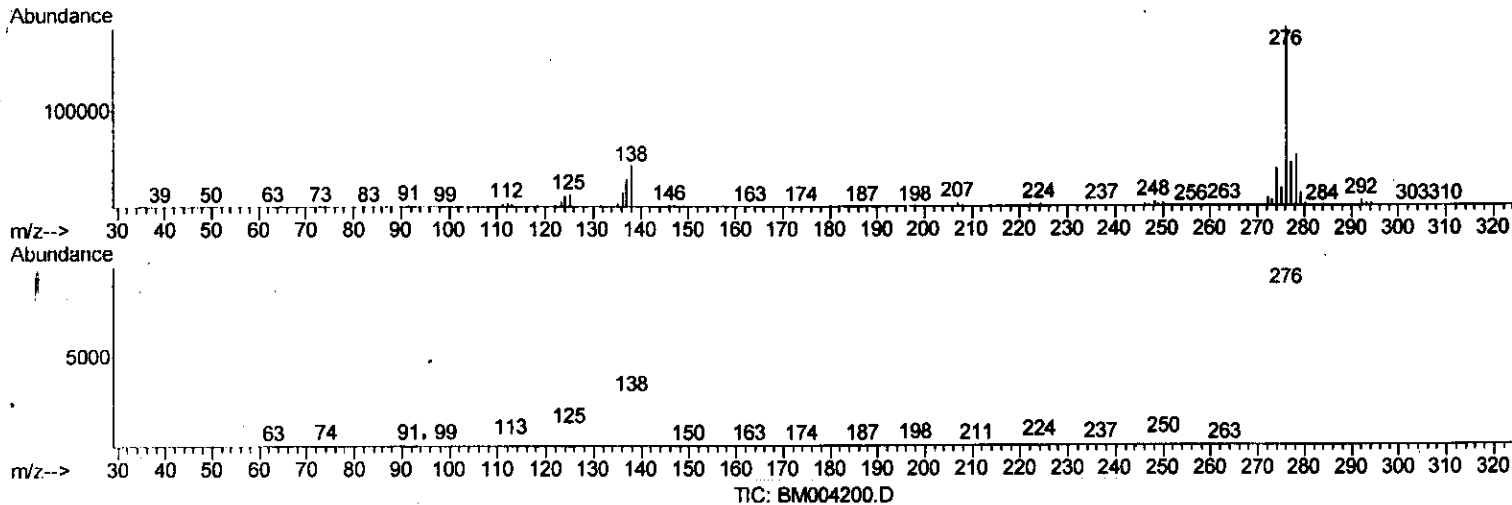
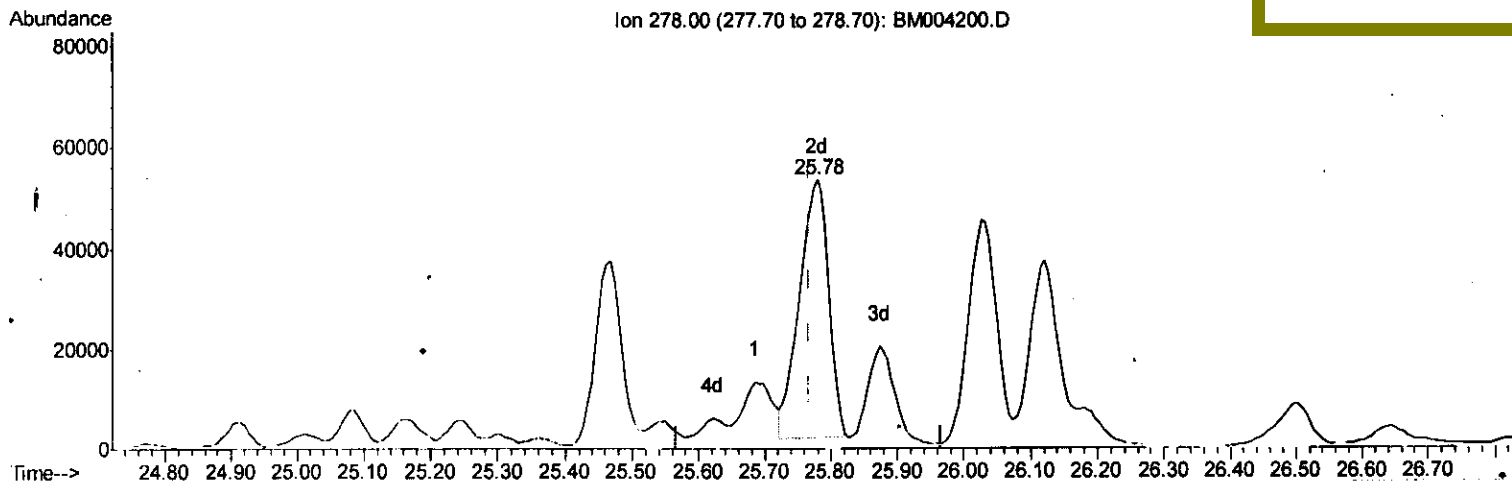
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020816\
 Data File : BM004200.D
 Acq On : 08 Feb 2016 15:11
 Operator : SJ/IZ
 Sample : H1340-16 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C04P4

Quant Time: Feb 09 00:11:25 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 09 00:07:17 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Sohil
 2/9/2016 3:31:22 PM



(93) Dibenzo(a,h)anthracene

25.780min (+0.012) 12.10ng/ul m

response 159238

Ion	Exp%	Act%
278.00	100	100
139.00	17.40	0.00#
279.00	23.70	25.90
0.00	0.00	0.00

S.J
 2/11/16

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020816\
 Data File : BM004200.D
 Acq On : 08 Feb 2016 15:11
 Operator : SJ/IZ
 Sample : H1340-16 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sampled :
 C04P4

Quant Time: Feb 09 00:41:44 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
 Quant Title : SVOA CALIBRATION
 Quant Update : Tue Feb 09 00:07:17 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Sohil
 2/9/2016 3:31:22 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	26039	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	127212	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	78826	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	187901	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	210565	20.00	ng/ul	0.00
86) Perylene-d12	23.52	264	214429	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.84	99	10247	4.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	5136	3.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	8933	4.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	8058	3.70	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	3808	4.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	4162	3.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	9036	4.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	9697	3.92	ng/ul	0.00
44) Dimethylphthalate-d5	13.72	166	32815	4.84	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	39245	4.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	2382	1.75	ng/ul	0.02
58) Fluorene-d10	15.31	176	31091	5.34	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	1987	1.72	ng/ul	0.00
71) Anthracene-d10	17.17	188	49288	5.39	ng/ul	0.00
79) Pyrene-d10	19.48	212	56715	6.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.38	264	63173	5.65	ng/ul	0.01

Target Compounds

						Qvalue
28) Naphthalene	10.49	128	64450	9.00	ng/ul	100
34) 2-Methylnaphthalene	12.12	142	22727	4.21	ng/ul	99
41) 1,1'-Biphenyl	13.14	154	8644	1.28	ng/ul	98
45) Dimethylphthalate	13.77	163	10734	1.50	ng/ul#	95
50) Acenaphthene	14.38	153	206569	34.95	ng/ul	99
54) Dibenzofuran	14.72	168	122469	14.58	ng/ul	99
59) Fluorene	15.37	166	166239	23.80	ng/ul	100
70) Phenanthrene	17.12	178	1614337	140.77	ng/ul	100
72) Anthracene	17.20	178	486665	41.84	ng/ul	99
75) Carbazole	17.47	167	227785	21.53	ng/ul	100
77) Fluoranthene	19.16	202	2372610	177.76	ng/ul	97
80) Pyrene	19.52	202	2056821	158.87	ng/ul	99
83) Benzo(a)anthracene	21.27	228	1302936	97.20	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.19	149	295062	35.56	ng/ul	99
85) Chrysene	21.33	228	1246185	97.78	ng/ul	97
88) Benzo(b)fluoranthene	22.86	252	1436287	104.93	ng/ul	98
89) Benzo(k)fluoranthene	22.90	252	604708m	47.42	ng/ul	
91) Benzo(a)pyrene	23.43	252	1003838	75.92	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.79	276	558701	35.40	ng/ul	95
93) Dibenzo(a,h)anthracene	25.78	278	159238m	12.10	ng/ul	
94) Benzo(g,h,i)perylene	26.47	276	392898	29.20	ng/ul	99

S.J
 2/11/16

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020816\
Data File : BM004200.D
Acq On : 08 Feb 2016 15:11
Operator : SJ/IZ
Sample : H1340-16 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 09 00:41:44 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 09 00:07:17 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C04P4

Manual Integrations
APPROVED

Sohil
2/9/2016 3:31:22 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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