

Quantitation Report (QT Reviewed)

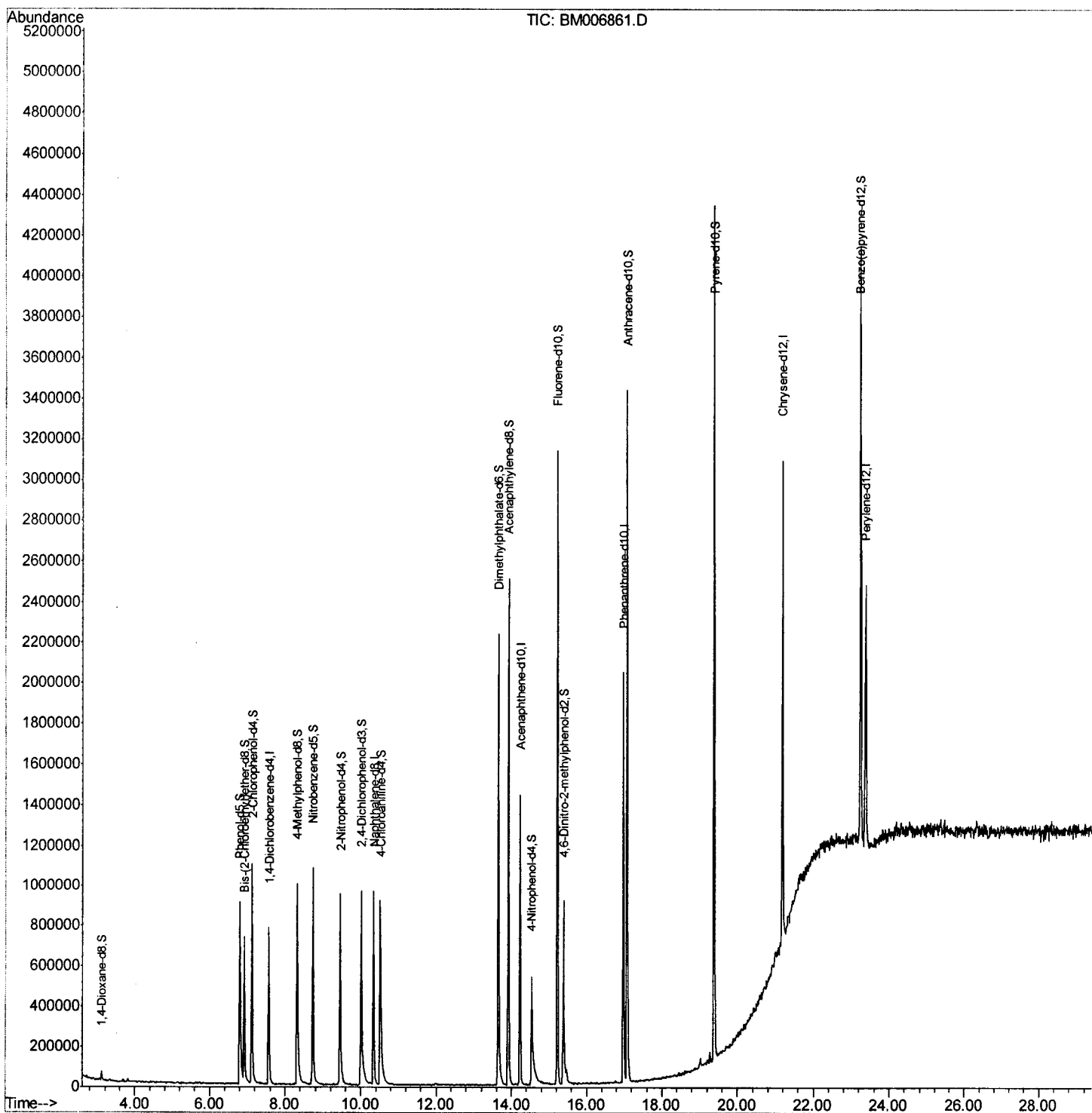
Data Path : Z:\HPCHEM1\BNA_M\Data\BM080416\
 Data File : BM006861.D
 Acq On : 04 Aug 2016 13:39
 Operator : UM/SJ
 Sample : PB92418BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK18

Manual Integrations
 APPROVED

umangi
 8/5/2016 6:59:55 PM

Quant Time: Aug 05 04:14:25 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 05 02:18:21 2016
 Response via : Initial Calibration



Quantitation Report (Qedit)

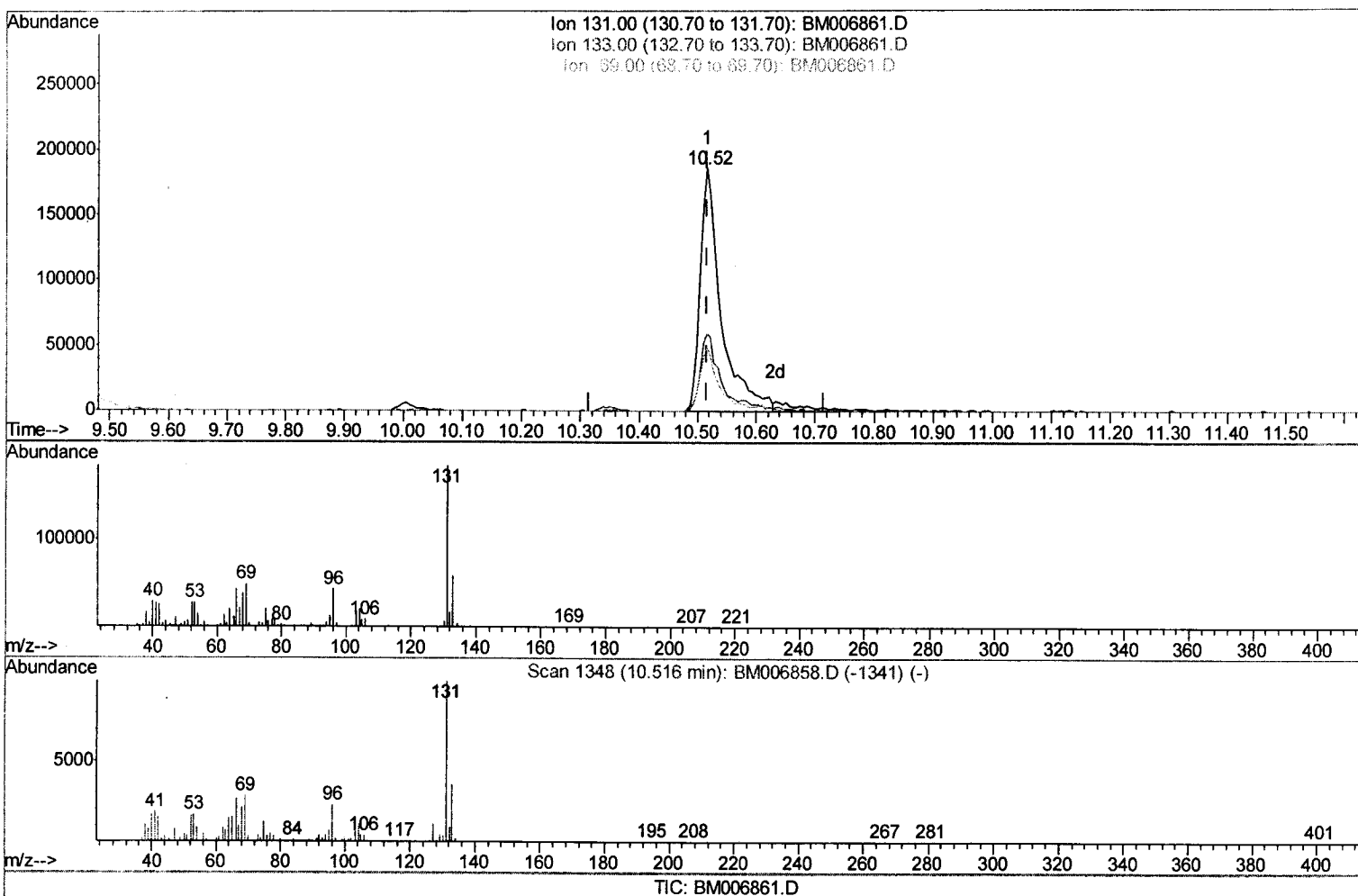
Data Path : Z:\HPCHEM1\BNA_M\Data\BM080416\
 Data File : BM006861.D
 Acq On : 04 Aug 2016 13:39
 Operator : UM/SJ
 Sample : PB92418BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA M
 ClientSampleId :
 SBLK18

Manual Integrations
 APPROVED

umangi
 8/5/2016 6:59:55 PM

Quant Time: Aug 05 02:18:43 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 05 02:18:21 2016
 Response via : Initial Calibration



(29) 4-Chloroaniline-d4 (S)

10.516min (-0.000) 39.30ng/ul m

response 461321

Ion Exp% Act%

131.00 100 100

133.00 34.90 31.67

69.00 25.40 26.25

0.00 0.00 0.00

UM
 08/08/16

Quantitation Report (Qedit)

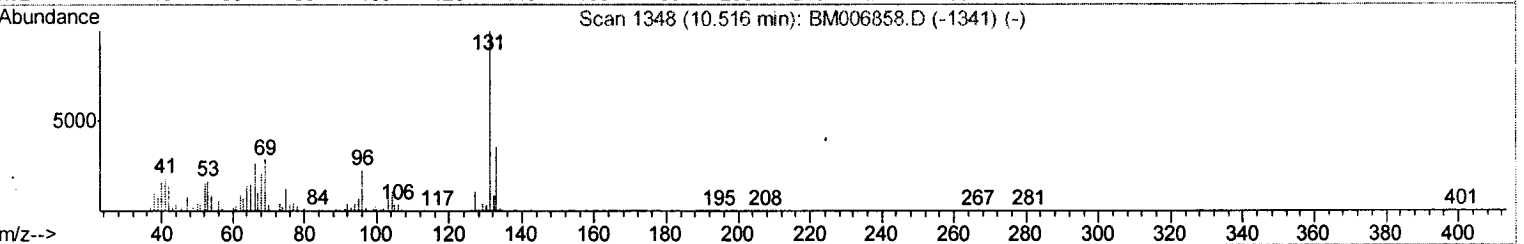
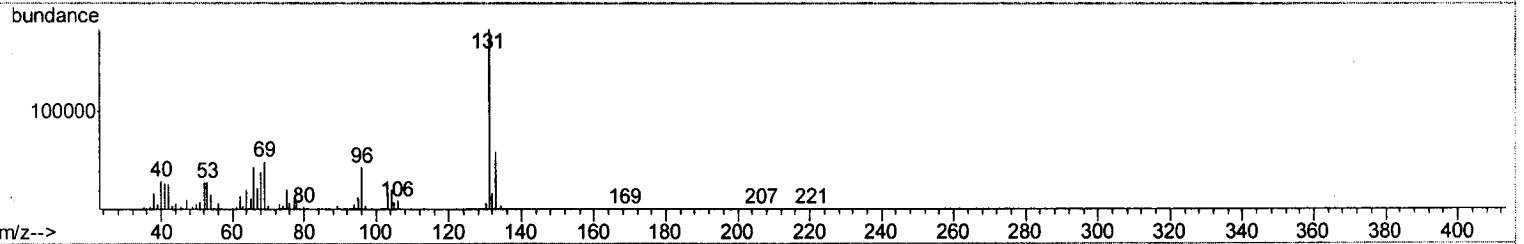
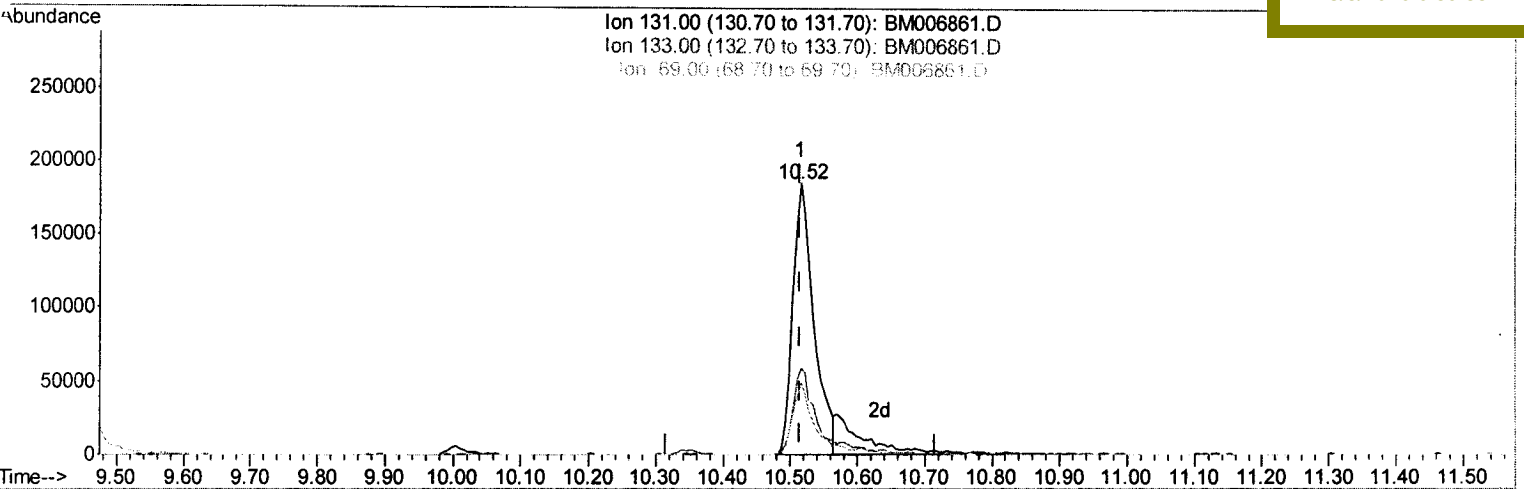
Data Path : Z:\HPCHEM1\BNA_M\Data\BM080416\
 Data File : BM006861.D
 Acq On : 04 Aug 2016 13:39
 Operator : UM/SJ
 Sample : PB92418BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK18

Quant Time: Aug 05 02:18:43 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 05 02:18:21 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

umangi
 8/5/2016 6:59:55 PM



TIC: BM006861.D

(29) 4-Chloroaniline-d4 (S)

10.516min (-0.000) 34.23ng/ul

response 401843

Ion	Exp%	Act%
131.00	100	100
133.00	34.90	31.67
69.00	25.40	26.25
0.00	0.00	0.00

Quantitation Report (Qedit)

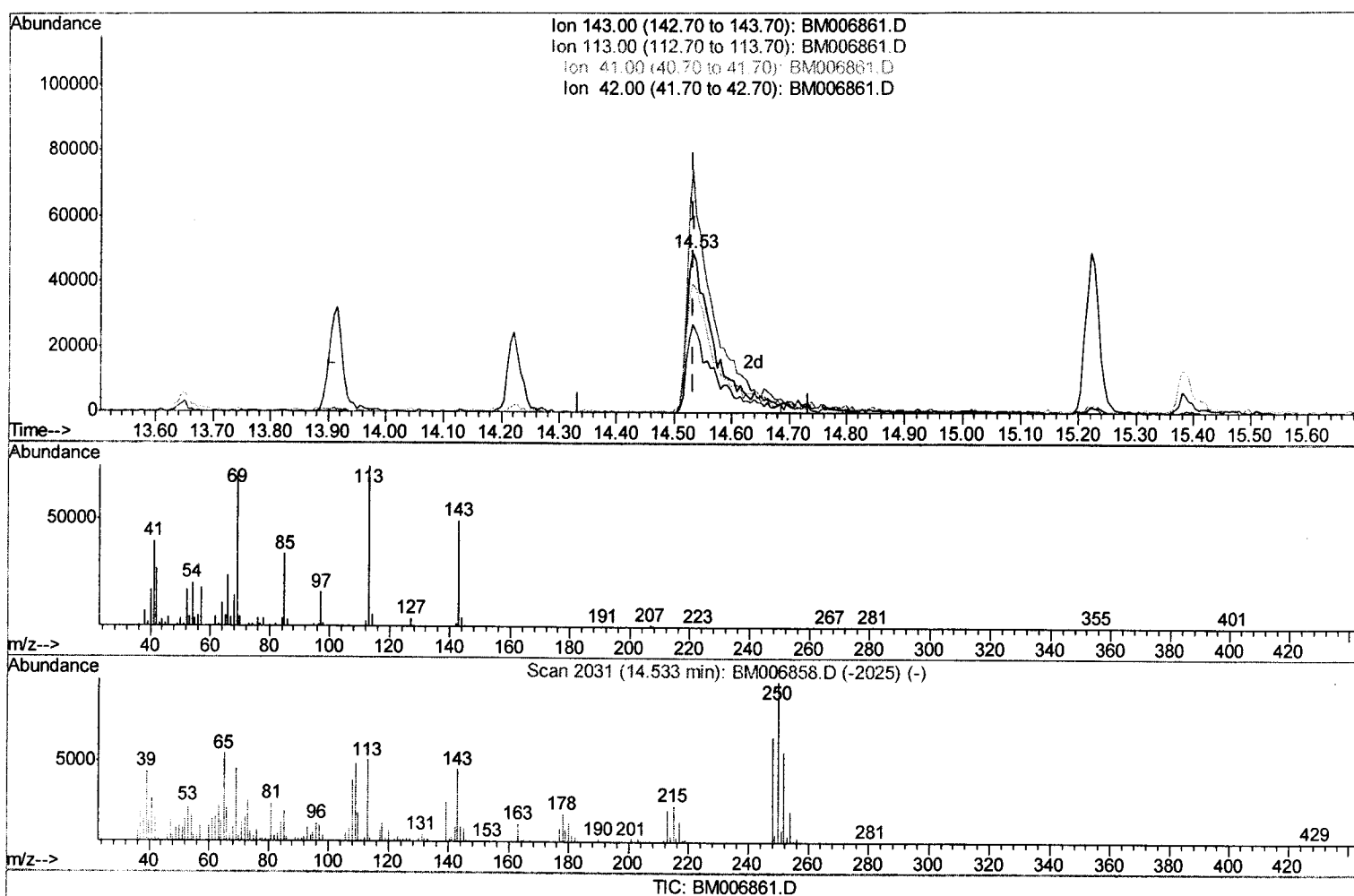
Data Path : Z:\HPCHEM1\BNA_M\Data\BM080416\
 Data File : BM006861.D
 Acq On : 04 Aug 2016 13:39
 Operator : UM/SJ
 Sample : PB92418BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK18

Manual Integrations
 APPROVED

umangi
 8/5/2016 6:59:55 PM

Quant Time: Aug 05 02:18:43 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 05 02:18:21 2016
 Response via : Initial Calibration



(51) 4-Nitrophenol-d4 (S)

14.533min (-0.000) 20.36ng/ul m

response 164840

Ion	Exp%	Act%
143.00	100	100
113.00	87.10	151.64#
41.00	58.30	80.38#
42.00	33.50	54.95#

U.M
 08/08/16

Quantitation Report (Qedit)

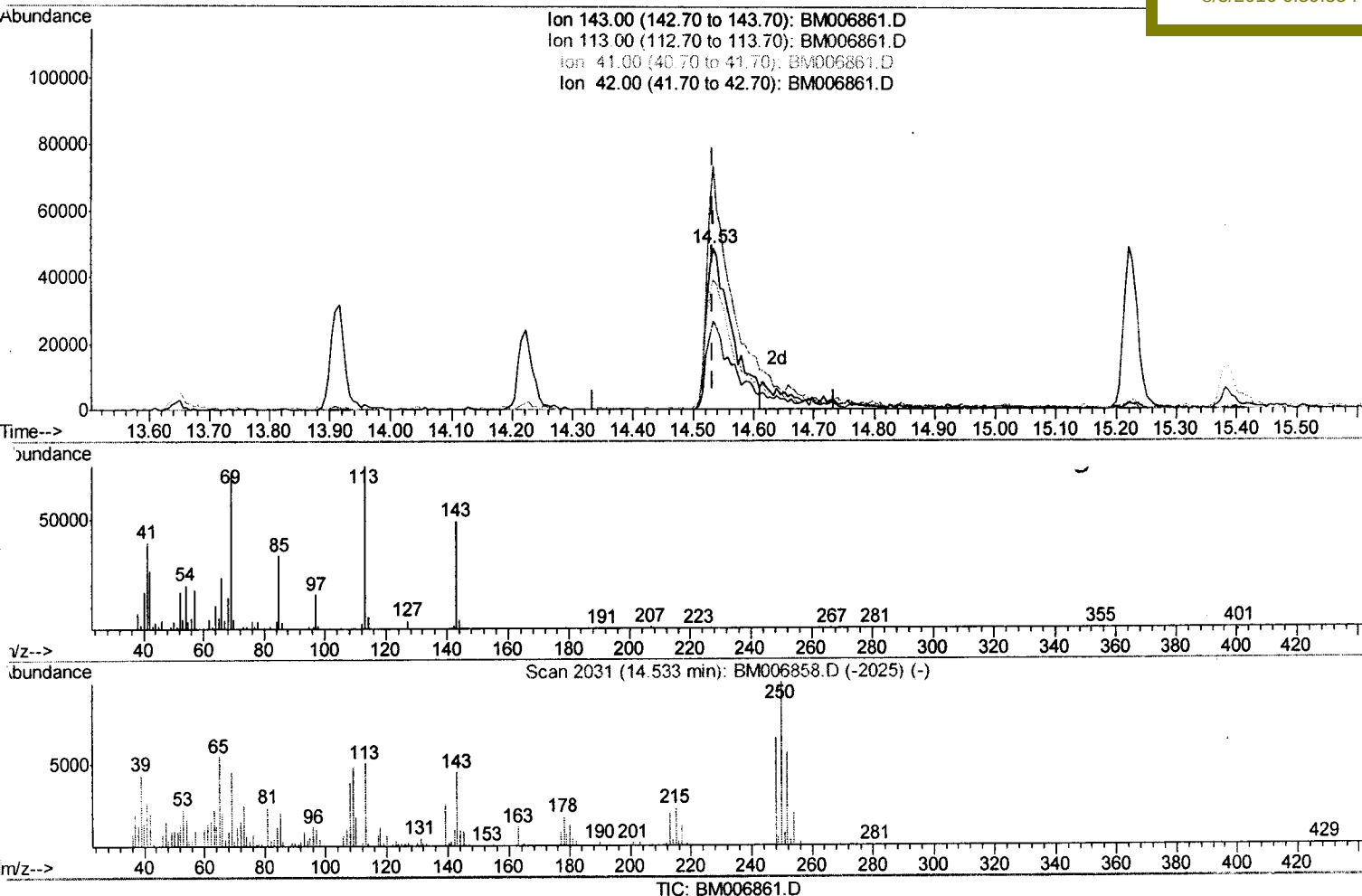
Data Path : Z:\HPCHEM1\BNA_M\Data\BM080416\
 Data File : BM006861.D
 Acq On : 04 Aug 2016 13:39
 Operator : UM/SJ
 Sample : PB92418BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK18

Quant Time: Aug 05 02:18:43 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 05 02:18:21 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

umangi
 8/5/2016 6:59:55 PM



(51) 4-Nitrophenol-d4 (S)

14.533min (-0.000) 17.72ng/ul

response 143492

Ion	Exp%	Act%
143.00	100	100
113.00	87.10	151.64#
41.00	58.30	80.38#
42.00	33.50	54.95#

Quantitation Report (Qedit)

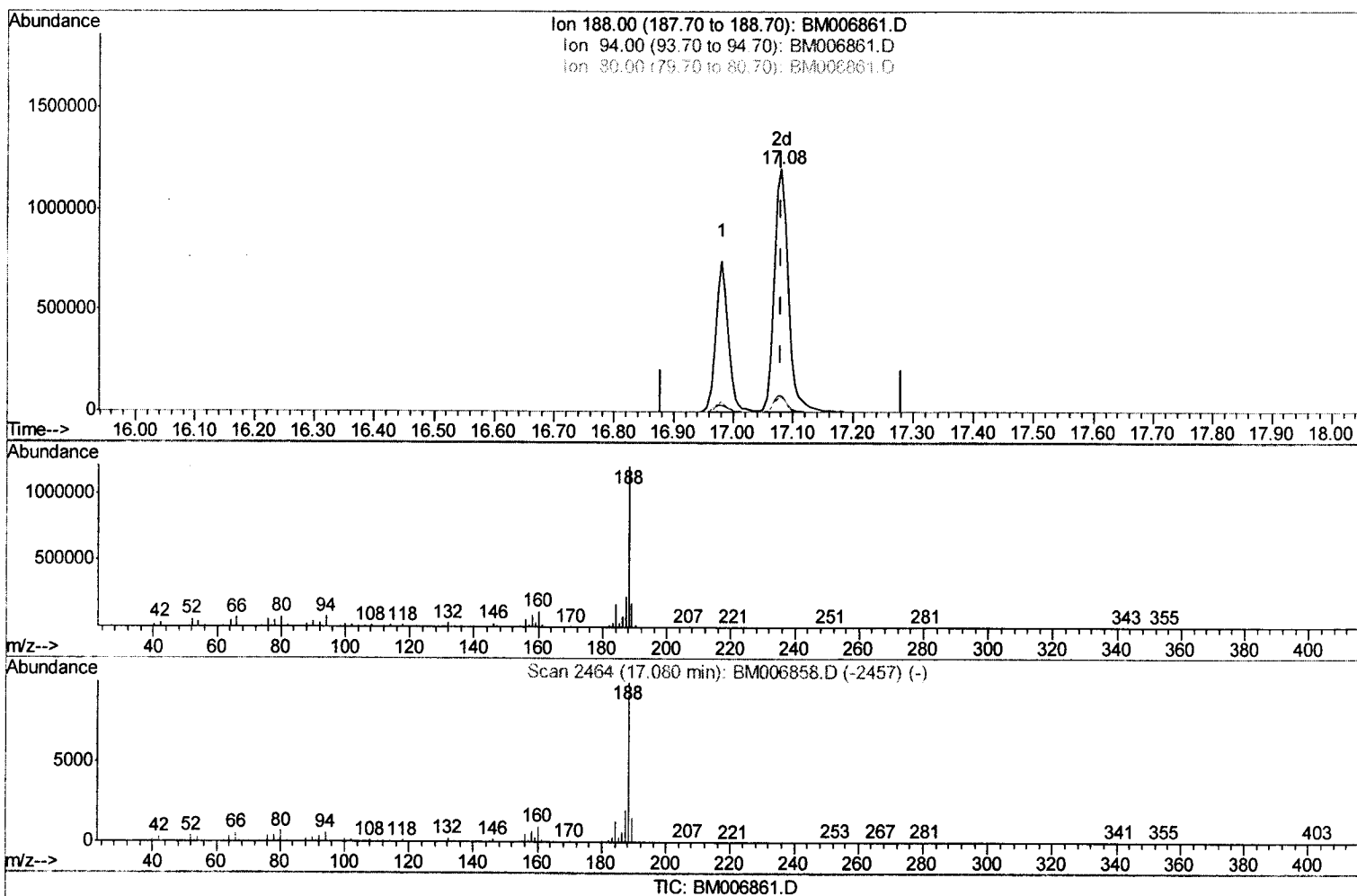
Data Path : Z:\HPCHEM1\BNA_M\Data\BM080416\
 Data File : BM006861.D
 Acq On : 04 Aug 2016 13:39
 Operator : UM/SJ
 Sample : PB92418BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK18

Manual Integrations
 APPROVED

umangi
 8/5/2016 6:59:55 PM

Quant Time: Aug 05 02:18:43 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 05 02:18:21 2016
 Response via : Initial Calibration



(70) Anthracene-d10 (S)

17.080min (-0.000) 37.98ng/ul m

response 1947489

Ion	Exp%	Act%
188.00	100	100
94.00	5.40	6.69#
80.00	5.70	6.42
0.00	0.00	0.00

U.M
 08/08/16

Quantitation Report (Qedit)

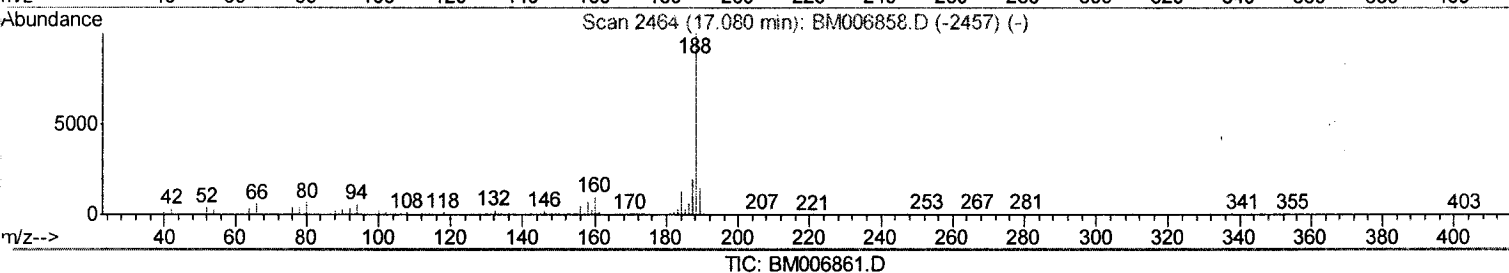
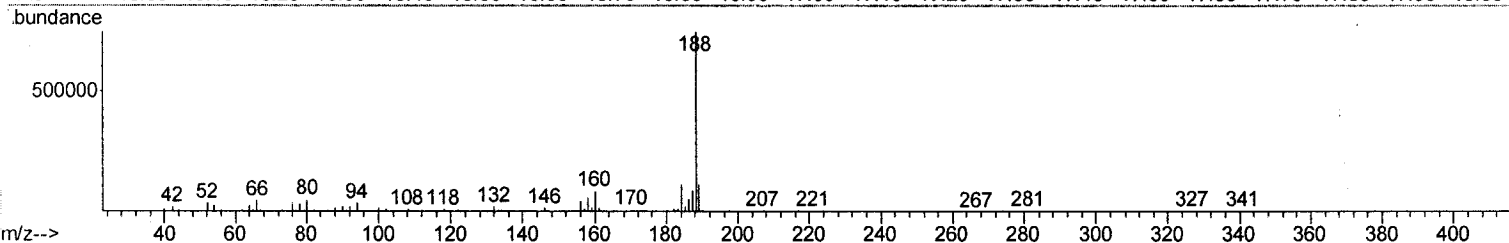
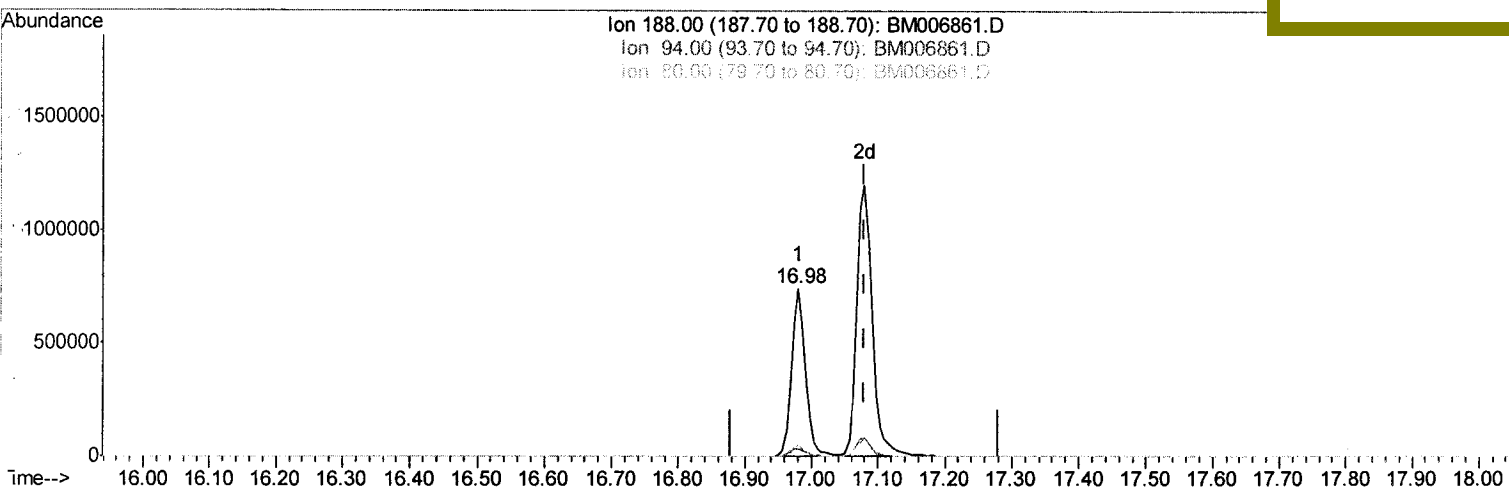
Data Path : Z:\HPCHEM1\BNA_M\Data\BM080416\
Data File : BM006861.D
Acq On : 04 Aug 2016 13:39
Operator : UM/SJ
Sample : PB92418BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SBLK18

Quant Time: Aug 05 02:18:43 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080316.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 05 02:18:21 2016
Response via : Initial Calibration

Manual Integrations
APPROVED

umangi
8/5/2016 6:59:55 PM



(70) Anthracene-d10 (S)

16.980min (-0.100) 20.82ng/ul

response 1067849

Ion	Exp%	Act%
188.00	100	100
94.00	5.40	4.78
80.00	5.70	6.55
0.00	0.00	0.00

Quantitation Report (Qedit)

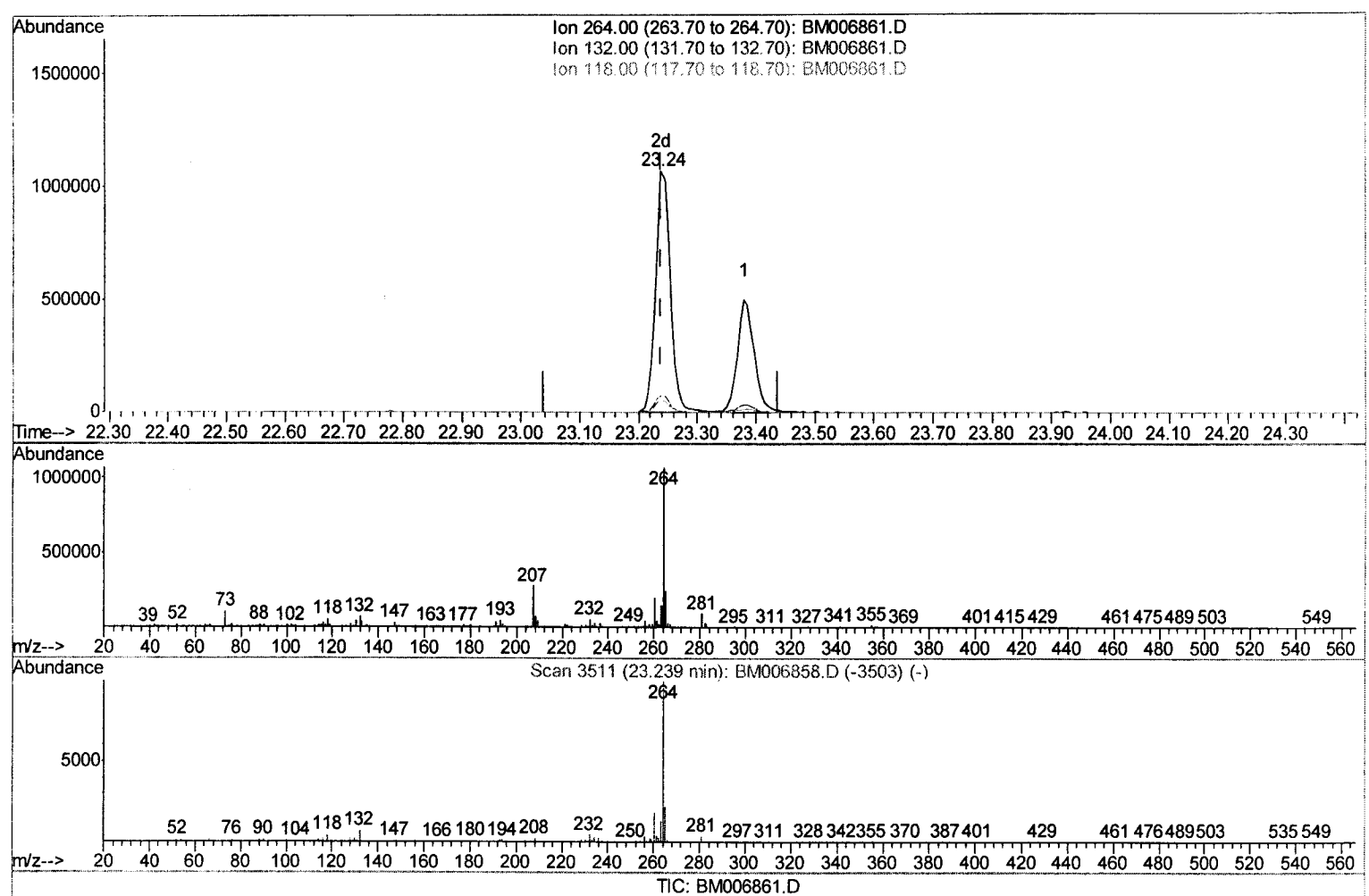
Data Path : Z:\HPCHEM1\BNA_M\Data\BM080416\
 Data File : BM006861.D
 Acq On : 04 Aug 2016 13:39
 Operator : UM/SJ
 Sample : PB92418BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK18

Manual Integrations
 APPROVED

umangi
 8/5/2016 6:59:55 PM

Quant Time: Aug 05 02:18:43 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 05 02:18:21 2016
 Response via : Initial Calibration



(87) Benzo(a)pyrene-d12 (S)

23.238min (-0.000) 37.28ng/ul m U.M
 response 1841637
 08/08/16

Ion	Exp%	Act%
264.00	100	100
132.00	5.80	6.64
118.00	3.90	4.86#
0.00	0.00	0.00

Quantitation Report (Qedit)

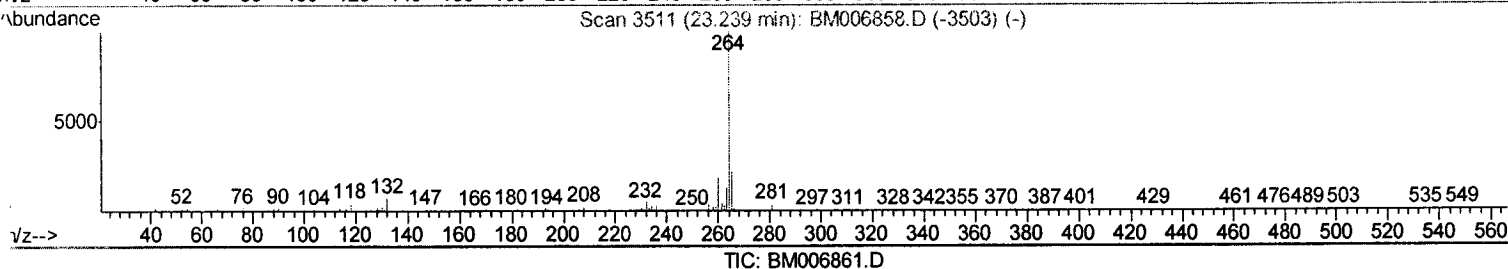
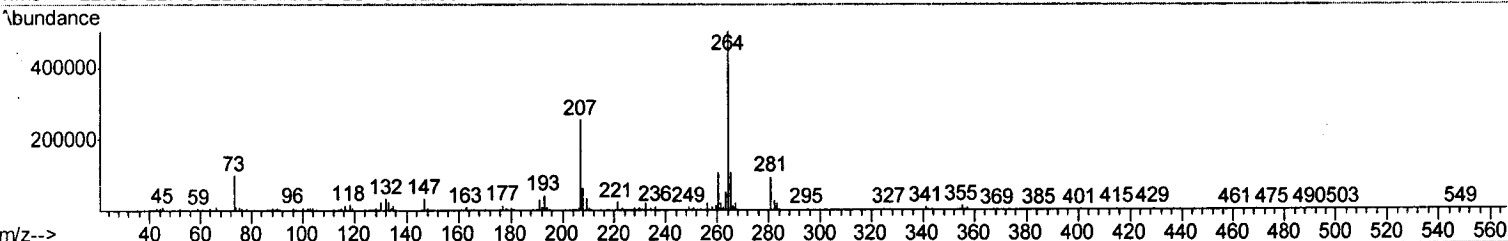
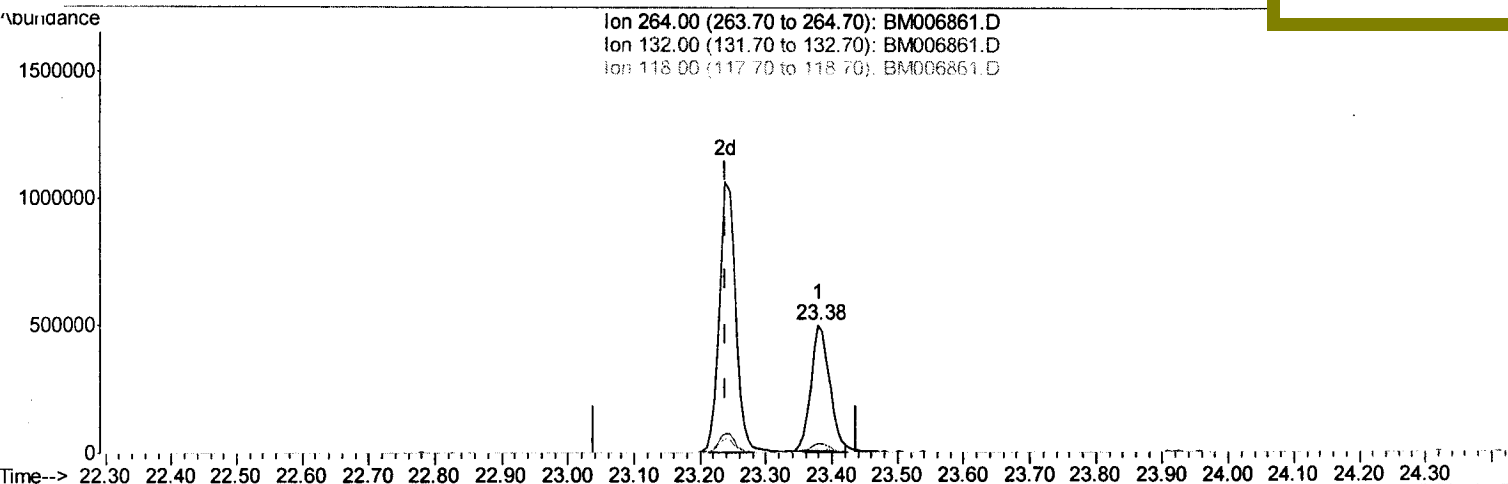
Data Path : Z:\HPCHEM1\BNA_M\Data\BM080416\
Data File : BM006861.D
Acq On : 04 Aug 2016 13:39
Operator : UM/SJ
Sample : PB92418BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SBLK18

Quant Time: Aug 05 02:18:43 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080316.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 05 02:18:21 2016
Response via : Initial Calibration

Manual Integrations
APPROVED

umangi
8/5/2016 6:59:55 PM



(87) Benzo(a)pyrene-d12 (S)

23.380min (+0.141) 19.94ng/ul

response 984884

Ion	Exp%	Act%
264.00	100	100
132.00	5.80	6.88
118.00	3.90	3.38
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM080416\
 Data File : BM006861.D
 Acq On : 04 Aug 2016 13:39
 Operator : UM/SJ
 Sample : PB92418BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK18

Quant Time: Aug 05 04:14:25 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 05 02:18:21 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

umangi
 8/5/2016 6:59:55 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	169135	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	675144	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	448365	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	1067849	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	1182484	20.00	ng/ul	0.00
83) Perylene-d12	23.38	264	1014401	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	16163	5.25	ng/uL	0.00
5) Phenol-d5	6.79	99	425010	34.14	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	6.92	67	291738	35.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	337685	34.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	342564	33.84	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	167958	36.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	198239	36.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	377119	33.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	461321m }	39.30	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	1356477	36.73	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	1600394	35.48	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	164840m }	20.36	ng/ul	0.00
57) Fluorene-d10	15.22	176	1208257	35.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	193159	27.71	ng/ul	0.00
70) Anthracene-d10	17.08	188	1947489m }	37.98	ng/ul	0.00
76) Pyrene-d10	19.39	212	2235915	36.96	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	1841637m }	37.28	ng/ul	0.00

U.M
 08/08/16

Target Compounds Qvalue

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