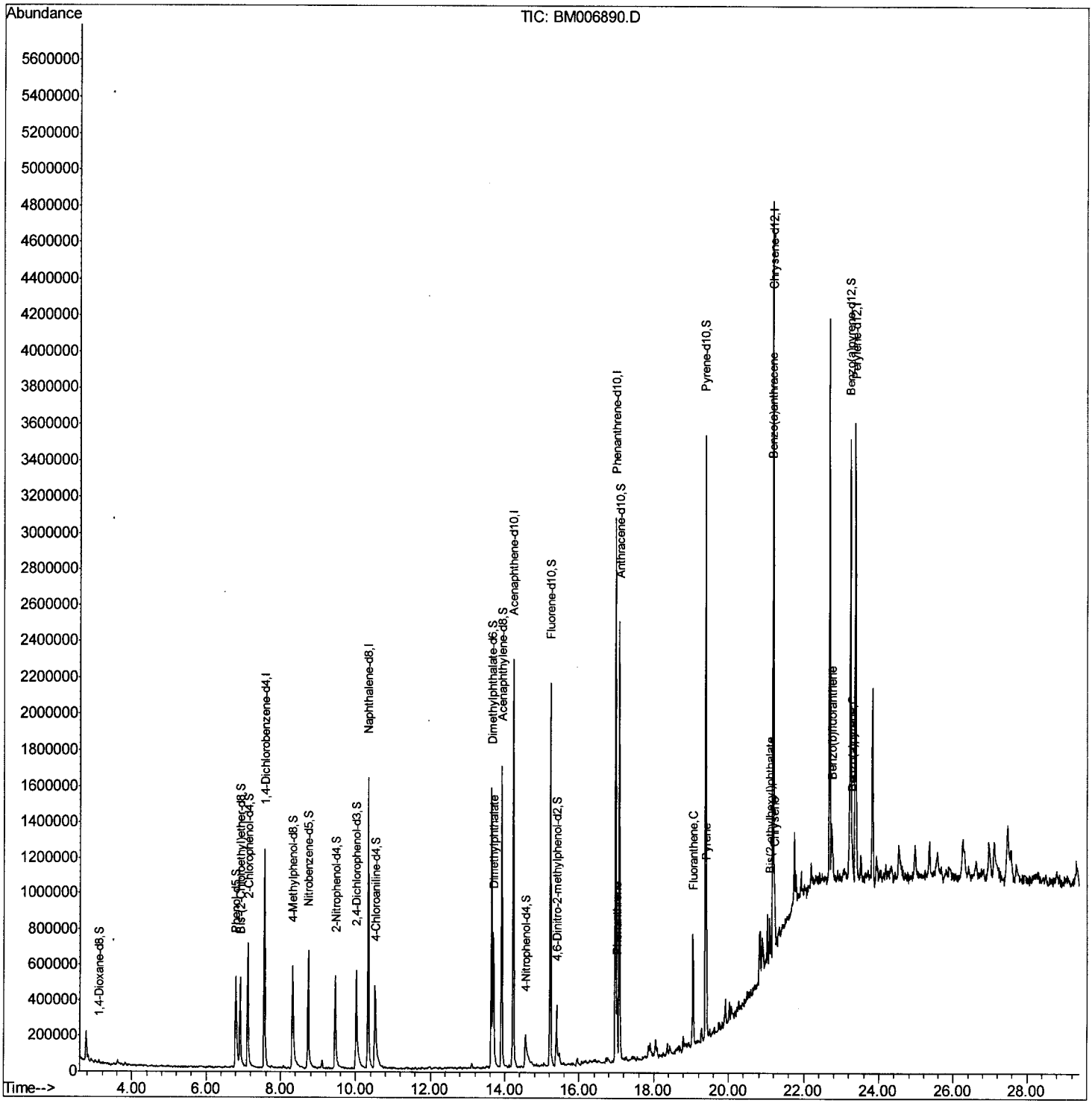
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080416\
Data File : BM006890.D
Acq On : 05 Aug 2016 07:14
Operator : UM/SJ
Sample : H4224-09
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Aug 05 07:51:59 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

Instrument :
BNA_M
ClientSampleId :
BDJL9

Manual Integrations APPROVED
umangi
8/5/2016 7:03:18 PM



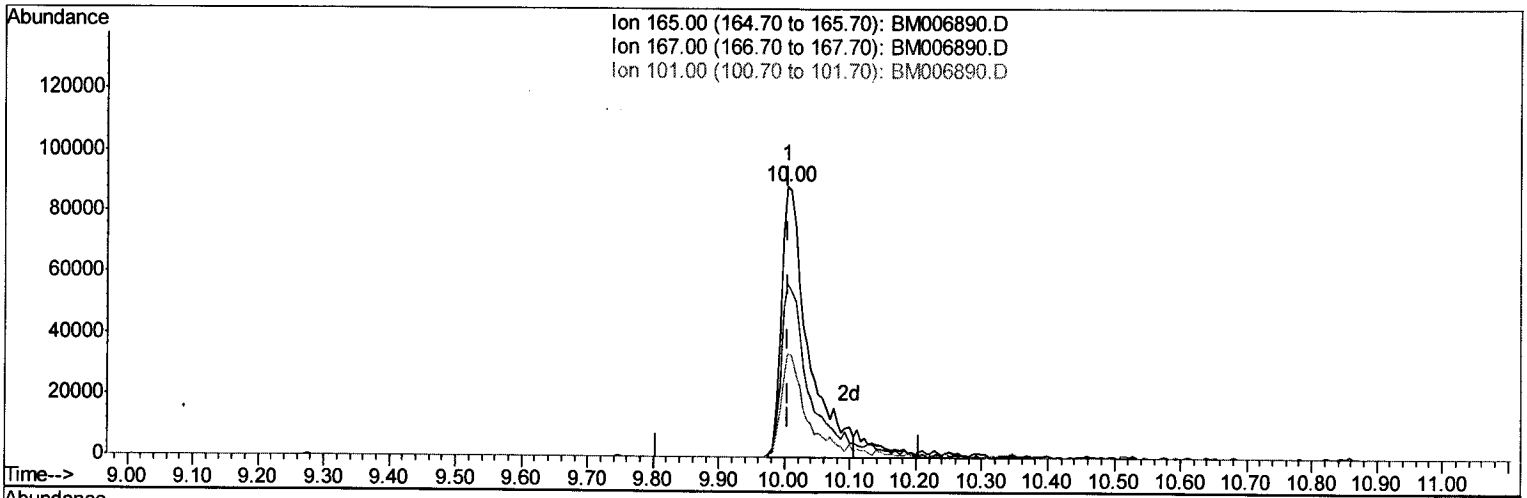
Quantitation Report (Qedit)

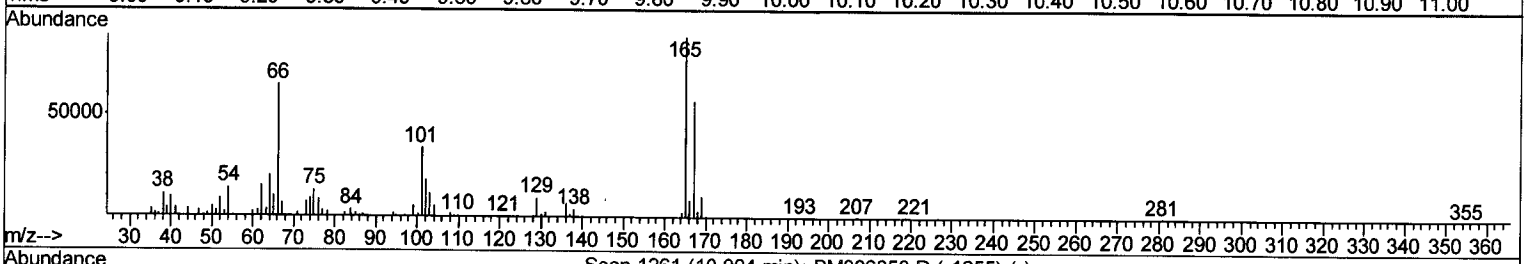
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080416\
Data File : BM006890.D
Acq On : 05 Aug 2016 07:14
Operator : UM/SJ
Sample : H4224-09
Misc :
ALS Vial : 32 Sample Multiplier: 1

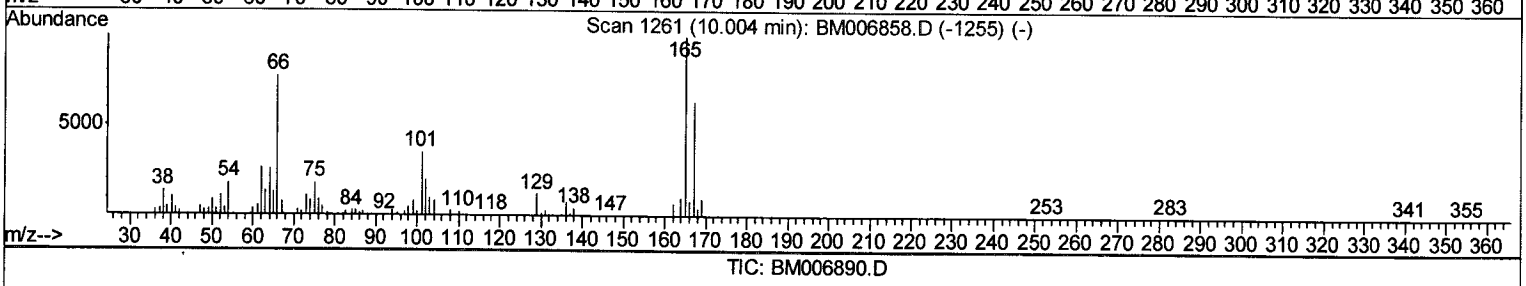
Quant Time: Aug 05 07:49:31 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080316.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 05 02:18:21 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BDJL9

Manual Integrations APPROVED
umangi
8/5/2016 7:03:18 PM







TIC: BM006890.D

(26) 2,4-Dichlorophenol-d3 (S)

10.004min (+0.000) 12.41ng/ul m U,M 08/08/16

response 247710

Ion	Exp%	Act%
165.00	100	100
167.00	58.50	64.31
101.00	32.90	38.33
0.00	0.00	0.00

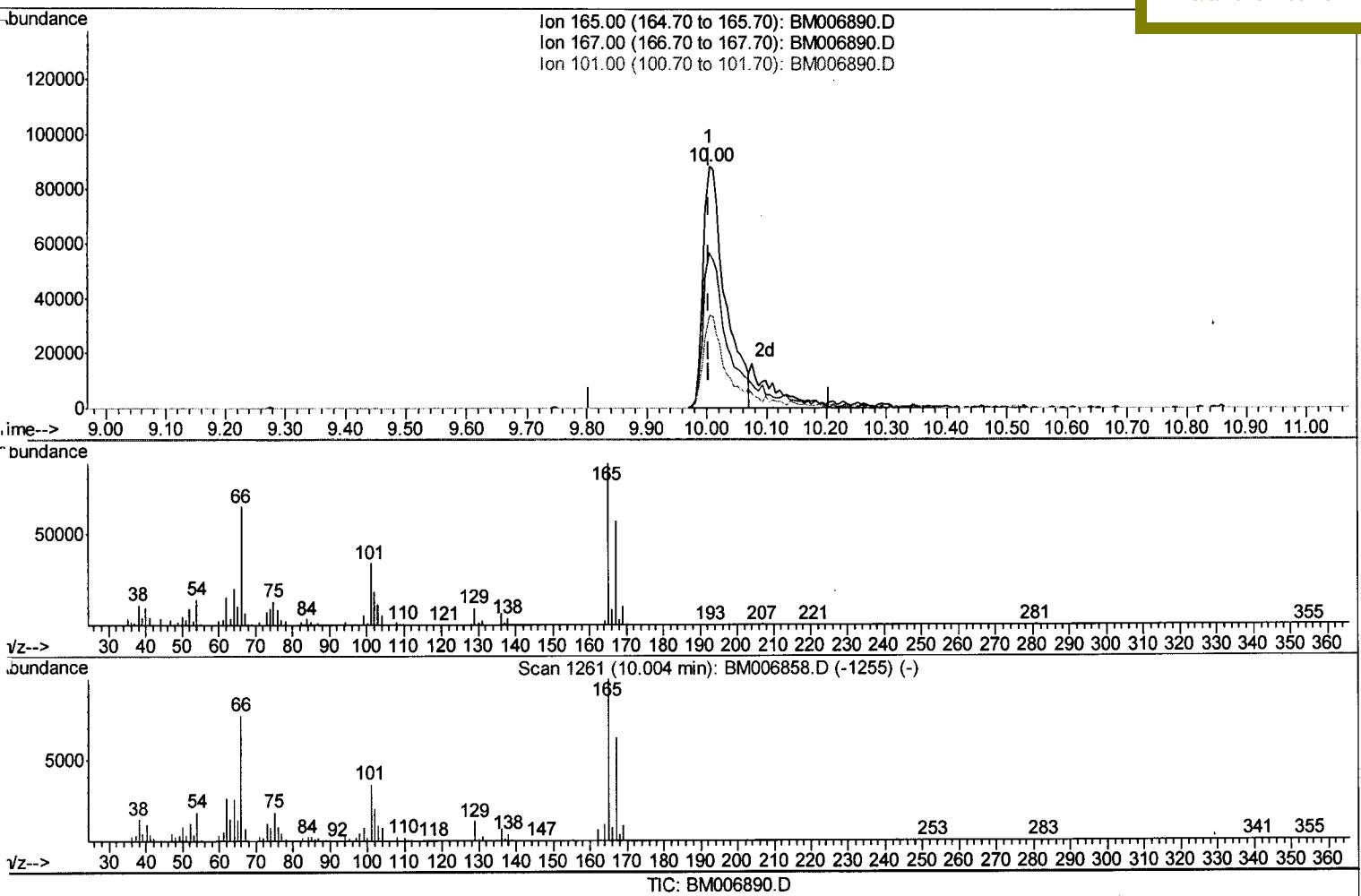
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080416\
Data File : BM006890.D
Acq On : 05 Aug 2016 07:14
Operator : UM/SJ
Sample : H4224-09
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Aug 05 07:49:31 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

Instrument :
BNA_M
ClientSampleId :
BDJL9

Manual Integrations APPROVED
umangi
8/5/2016 7:03:18 PM



TIC: BM006890.D

(26) 2,4-Dichlorophenol-d3 (S)

10.004min (+0.000) 11.31ng/ul

response 225796

Ion	Exp%	Act%
165.00	100	100
167.00	58.50	64.31
101.00	32.90	38.33
0.00	0.00	0.00

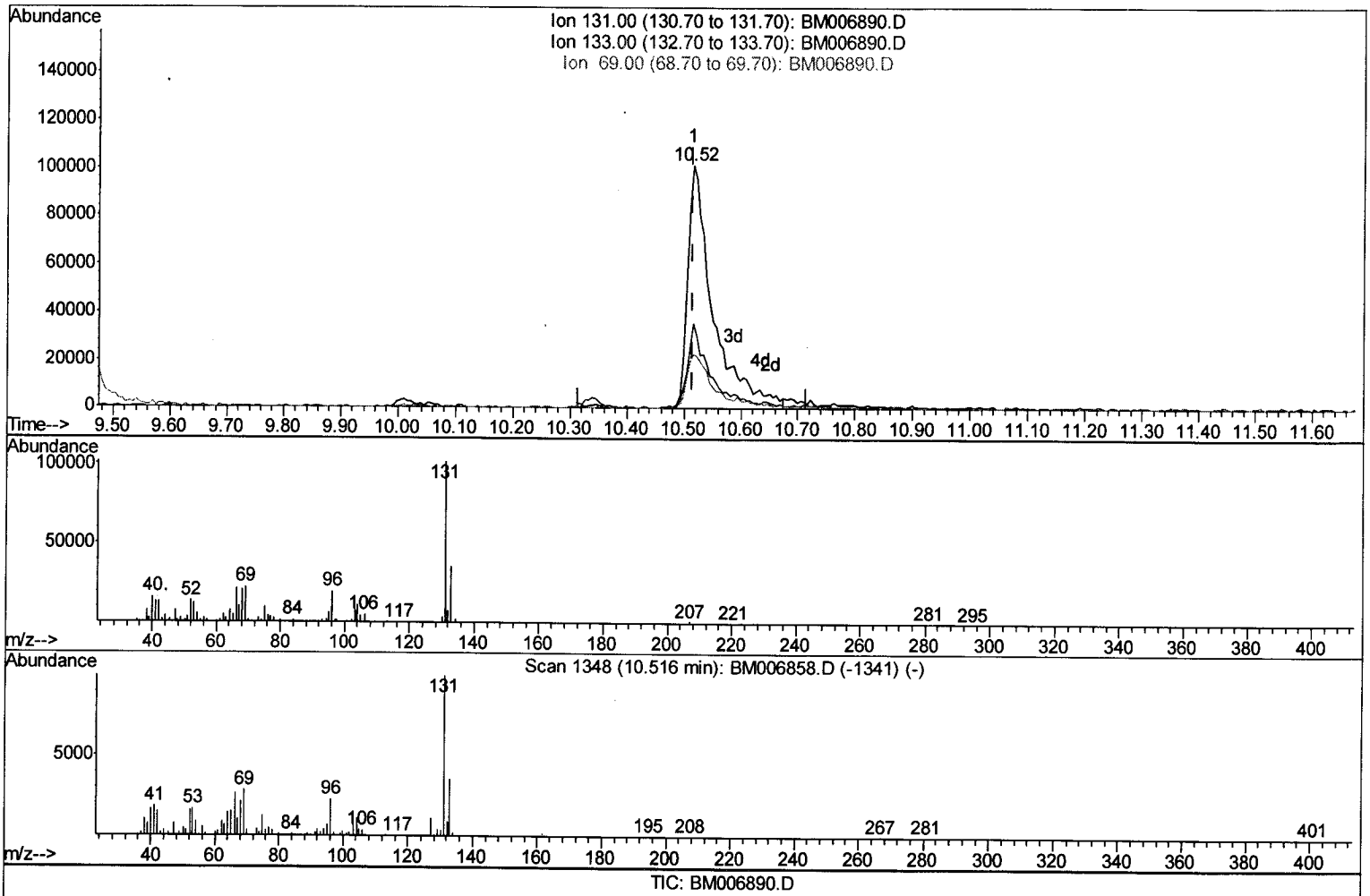
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080416\
Data File : BM006890.D
Acq On : 05 Aug 2016 07:14
Operator : UM/SJ
Sample : H4224-09
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Aug 05 07:49:31 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

Instrument :
BNA_M
ClientSampleId :
BDJL9

Manual Integrations APPROVED
umangi
8/5/2016 7:03:18 PM



TIC: BM006890.D

(29) 4-Chloroaniline-d4 (S)

10.516min (+0.000) 15.36ng/ul m U.M 08/08/16

response 316732

Ion	Exp%	Act%
131.00	100	100
133.00	34.90	35.00
69.00	25.40	22.37
0.00	0.00	0.00

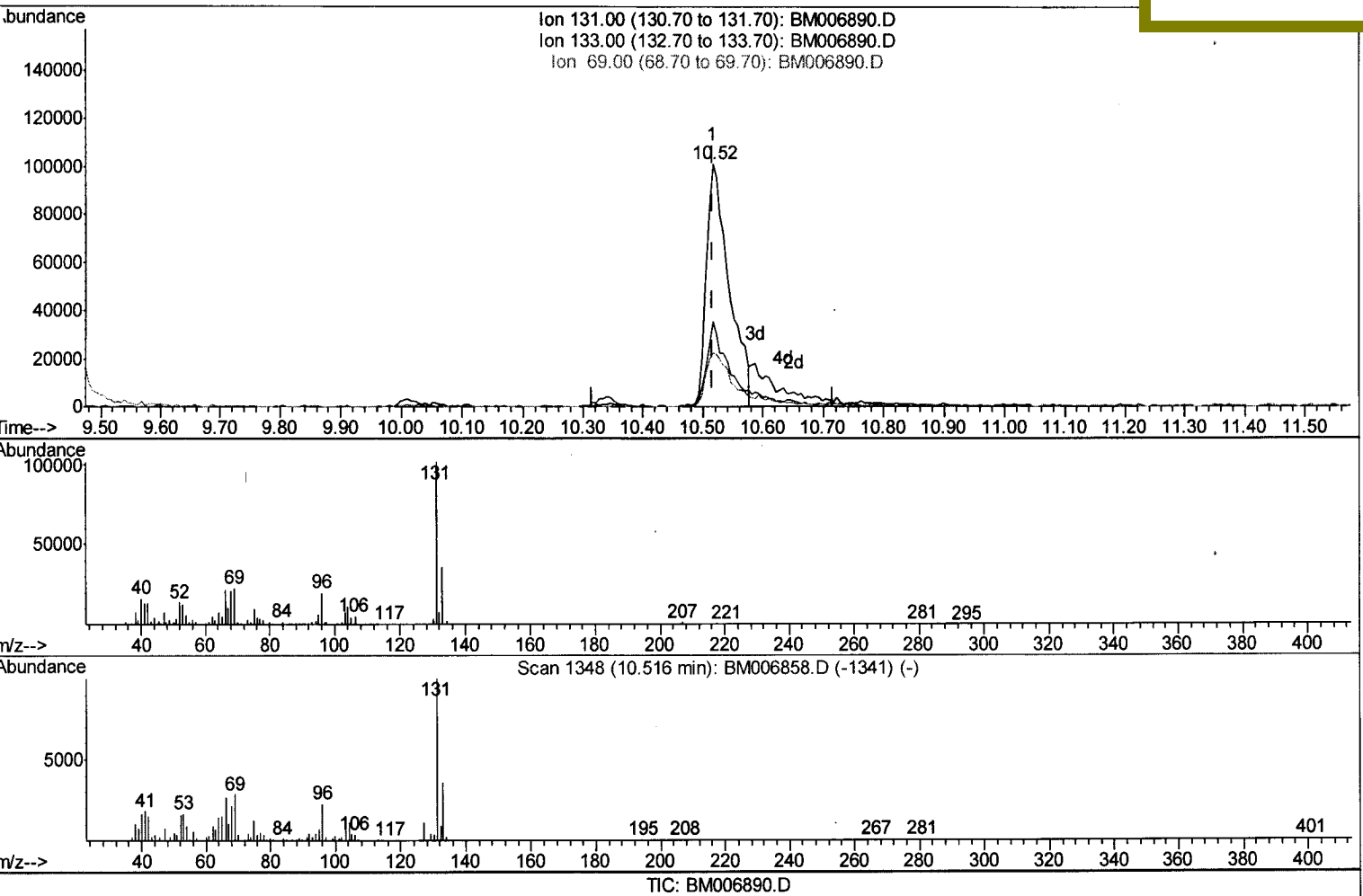
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080416\
Data File : BM006890.D
Acq On : 05 Aug 2016 07:14
Operator : UM/SJ
Sample : H4224-09
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Aug 05 07:49:31 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

Instrument :
BNA_M
ClientSampleId :
BDJL9

Manual Integrations APPROVED
umangi
8/5/2016 7:03:18 PM



TIC: BM006890.D

(29) 4-Chloroaniline-d4 (S)

10.516min (+0.000) 12.80ng/ul

response 263933

Ion	Exp%	Act%
131.00	100	100
133.00	34.90	35.00
69.00	25.40	22.37
0.00	0.00	0.00

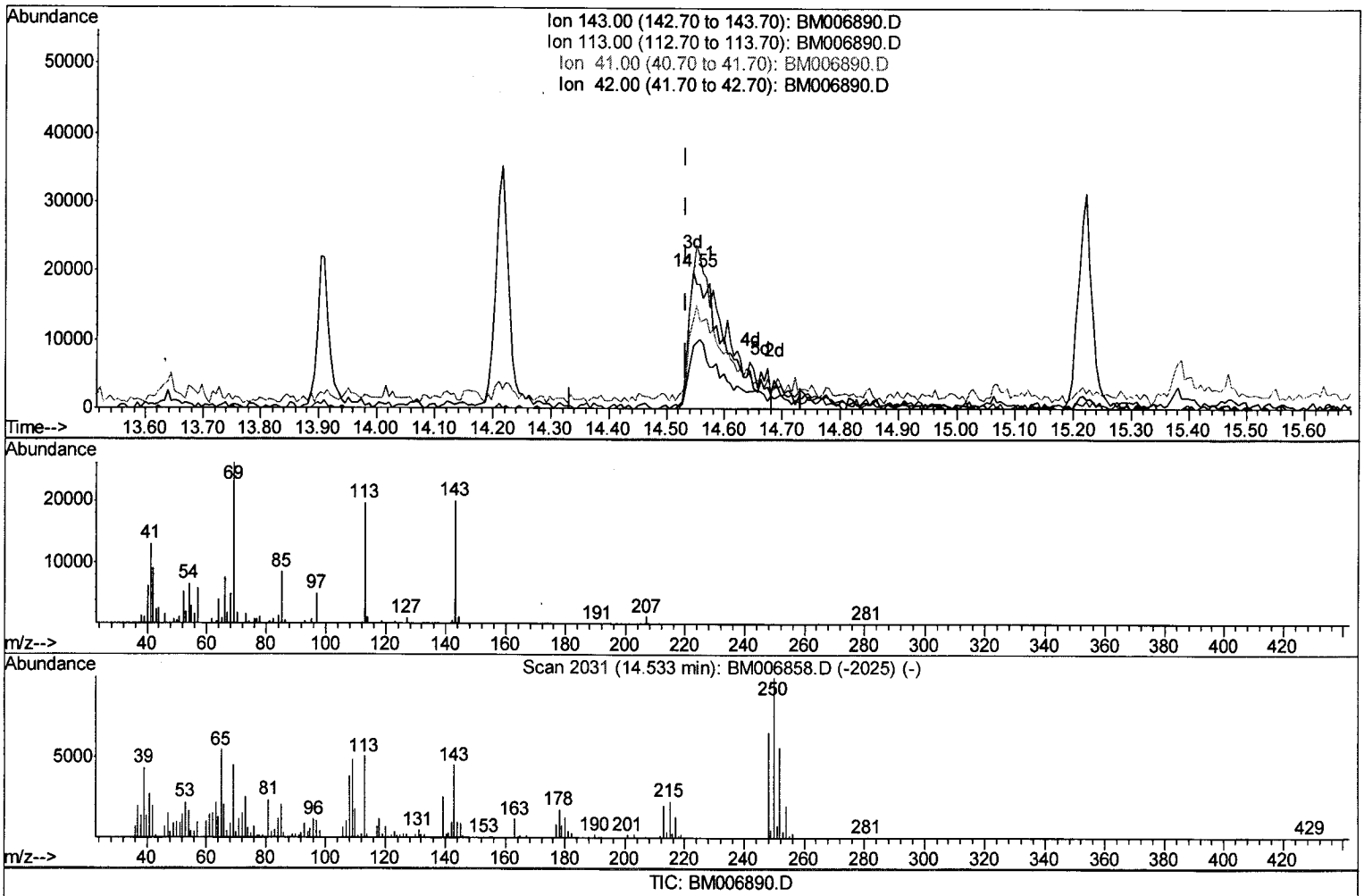
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080416\
Data File : BM006890.D
Acq On : 05 Aug 2016 07:14
Operator : UM/SJ
Sample : H4224-09
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Aug 05 07:49:31 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

Instrument :
BNA_M
ClientSampleId :
BDJL9

Manual Integrations APPROVED
umangi
8/5/2016 7:03:18 PM



TIC: BM006890.D

(51) 4-Nitrophenol-d4 (S)

14.545min (+0.012) 6.75ng/ul m U.M 08/08/16

response 84272

Ion	Exp%	Act%
143.00	100	100
113.00	87.10	98.40
41.00	58.30	65.42
42.00	33.50	45.48#

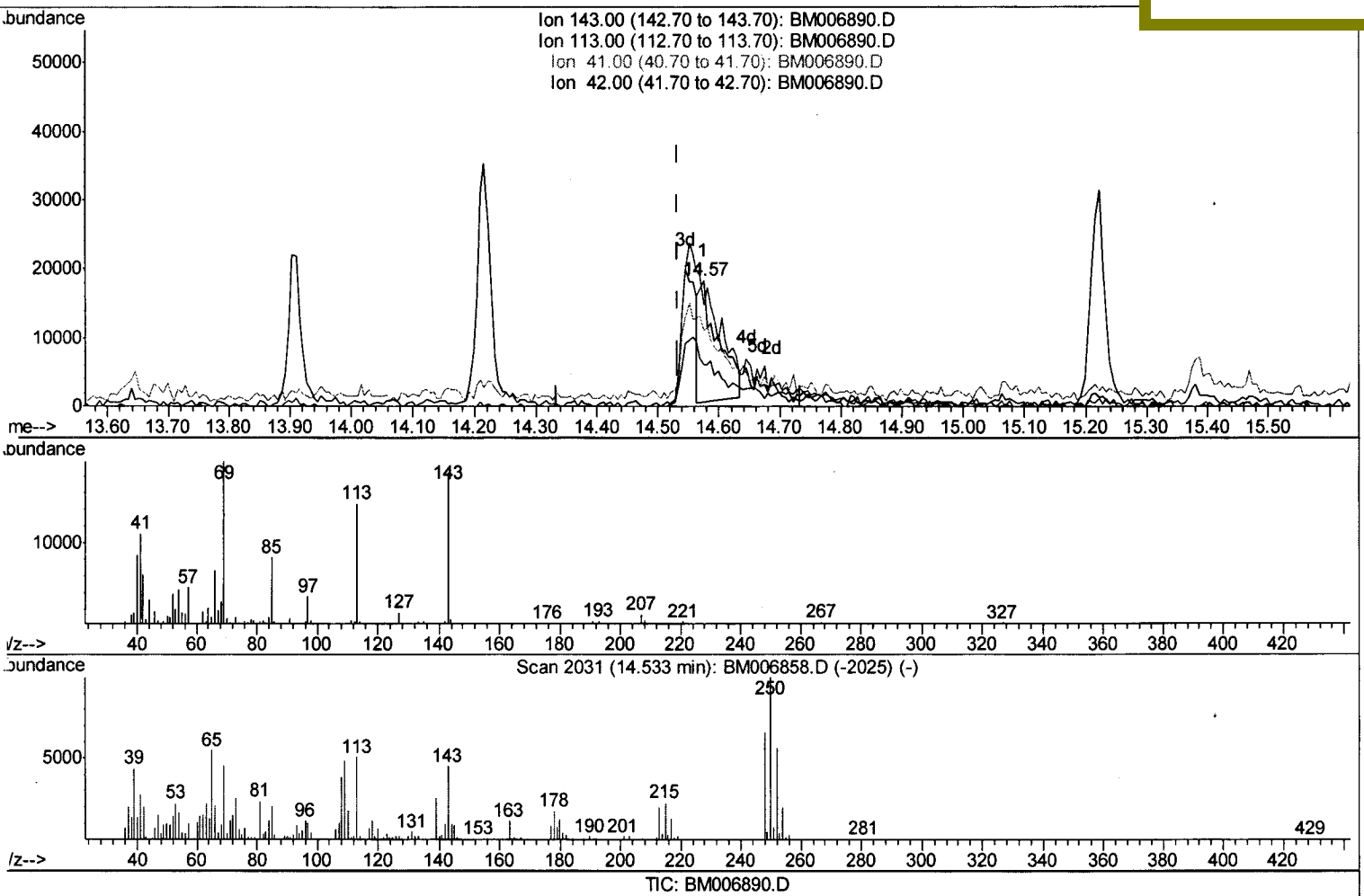
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080416\
Data File : BM006890.D
Acq On : 05 Aug 2016 07:14
Operator : UM/SJ
Sample : H4224-09
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Aug 05 07:49:31 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

Instrument : BNA_M
ClientSampleId : BDJL9

Manual Integrations APPROVED
umangi
8/5/2016 7:03:18 PM



(51) 4-Nitrophenol-d4 (S)

14.575min (+0.041) 3.10ng/ul

response 38764

Ion	Exp%	Act%
143.00	100	100
113.00	87.10	80.11
41.00	58.30	60.69
42.00	33.50	33.40

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080416\
Data File : BM006890.D
Acq On : 05 Aug 2016 07:14
Operator : UM/SJ
Sample : H4224-09
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Aug 05 07:51:59 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

Instrument : BNA_M
ClientSampleId : BDJL9

Manual Integrations APPROVED
umangi
8/5/2016 7:03:18 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	284803	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	1185877	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	691325	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	1640700	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	1913658	20.00	ng/ul	0.00
83) Perylene-d12	23.37	264	1853369	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.11	96	8781	1.70	ng/uL	0.00
5) Phenol-d5	6.79	99	310749	14.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	217457	15.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	270939	16.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	244998	14.37	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	120187	14.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	137810	14.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	247710m	12.41	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	316732m	15.36	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	966222	16.97	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	1118635	16.08	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	84272m	6.75	ng/ul	0.01
57) Fluorene-d10	15.22	176	849332	16.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	82558	7.71	ng/ul	0.00
70) Anthracene-d10	17.07	188	1357822	17.23	ng/ul	0.00
76) Pyrene-d10	19.38	212	1681964	17.18	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.23	264	1597135	17.70	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	13.69	163	433932	7.67	ng/ul	98
69) Phenanthrene	17.02	178	177601	1.96	ng/ul#	95
74) Fluoranthene	19.05	202	389834	3.36	ng/ul#	96
77) Pyrene	19.41	202	367708	2.92	ng/ul#	94
80) Benzo(a)anthracene	21.17	228	183362	1.57	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.09	149	75114	1.26	ng/ul	99
82) Chrysene	21.22	228	181474	1.77	ng/ul	97
85) Benzo(b)fluoranthene	22.73	252	197625	1.69	ng/ul#	91
88) Benzo(a)pyrene	23.27	252	151196	1.36	ng/ul#	94

U.M 08/08/16

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