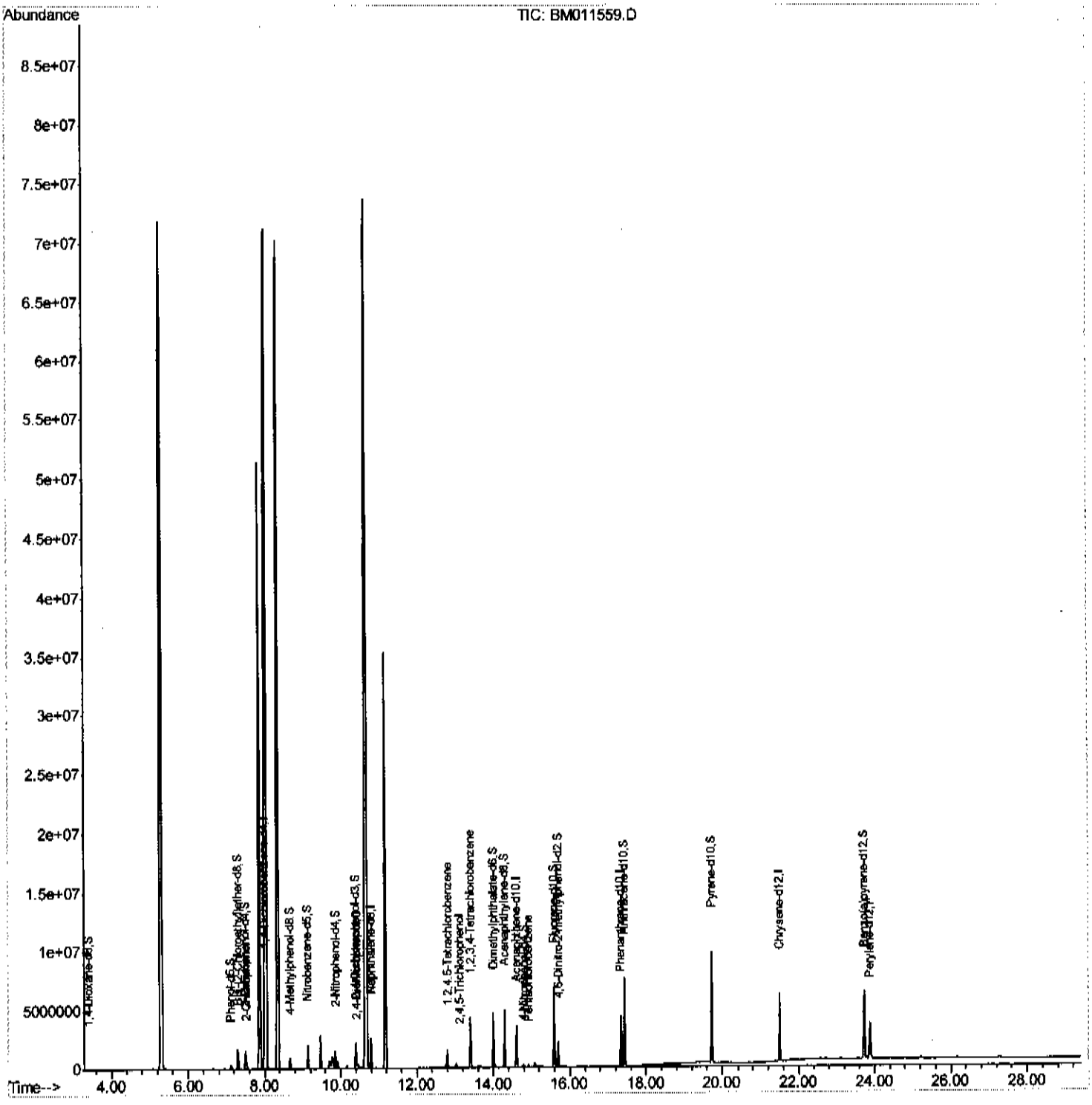
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM091417\
Data File : BM011559.D
Acq On : 15 Sep 2017 02:05
Operator : SJ/JU
Sample : I5191-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Sep 15 04:17:26 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 15 02:27:08 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AF0

Manual Integrations APPROVED
Sohil
9/15/2017 5:46:45 PM



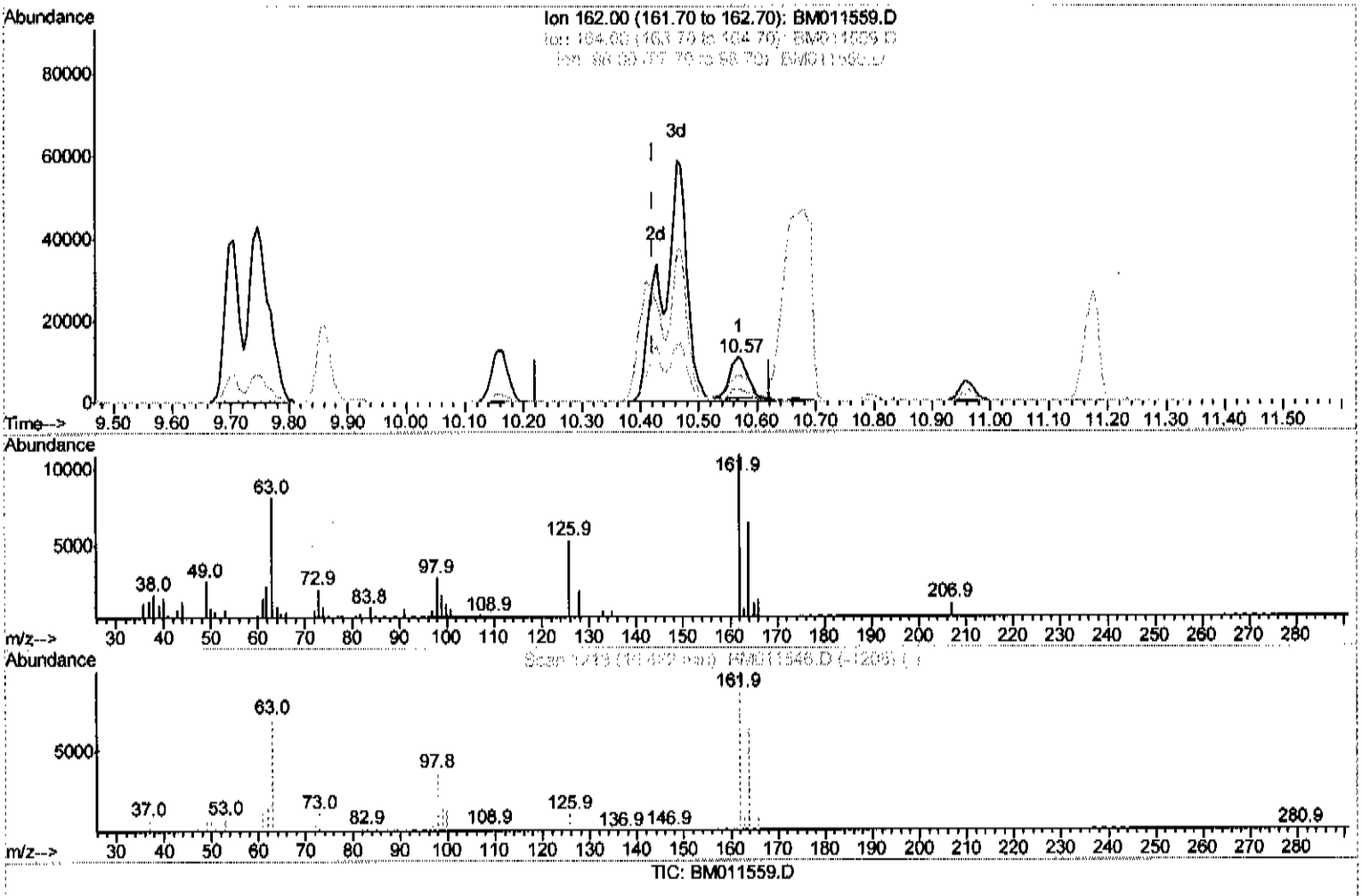
Quantitation Report (Qedit)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM091417\
Data File : BM011559.D
Acq On : 15 Sep 2017 02:05
Operator : SJ/JU
Sample : I5191-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Sep 15 03:56:30 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 15 02:27:08 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AF0

Manual Integrations APPROVED
Sohil
9/15/2017 5:46:45 PM



TIC: BM011559.D

(27) 2,4-Dichlorophenol (C)

10.569min (+0.147) 0.74ng/ul

response 21723

Ion	Exp%	Act%
162.00	100	100
164.00	65.00	58.82
98.00	33.20	26.71
0.00	0.00	0.00

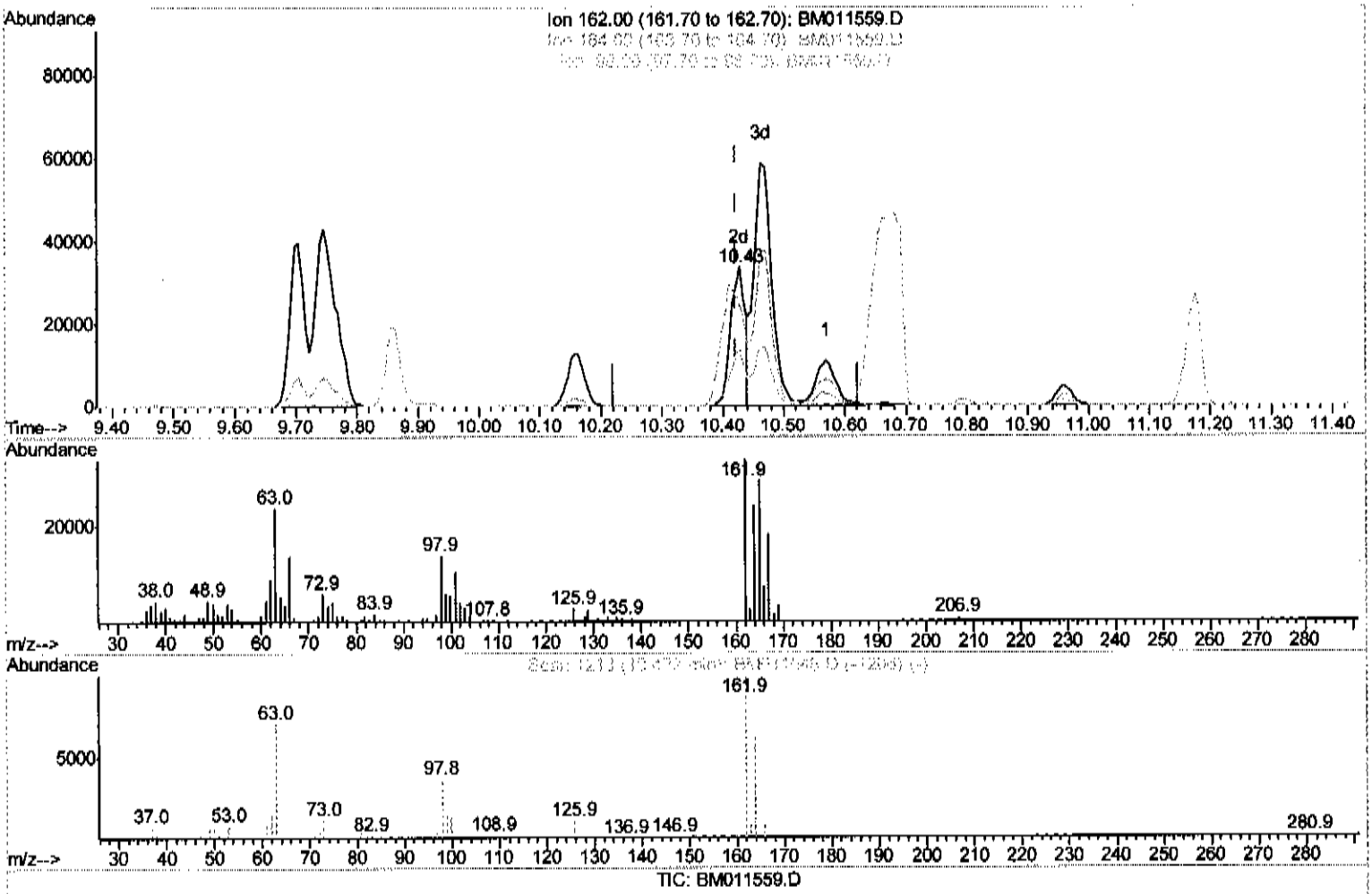
Quantitation Report (Qedit)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM091417\
Data File : BM011559.D
Acq On : 15 Sep 2017 02:05
Operator : SJ/JU
Sample : I5191-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Sep 15 03:56:30 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 15 02:27:08 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AF0

Manual Integrations APPROVED
Sohil
9/15/2017 5:46:45 PM



TIC: BM011559.D

(27) 2,4-Dichlorophenol (C)

10.428min (+0.006) 1.91ng/ul m JU 9/18/17

response 56097

Ion	Exp%	Act%
162.00	100	100
164.00	65.00	71.72
98.00	33.20	41.06#
0.00	0.00	0.00

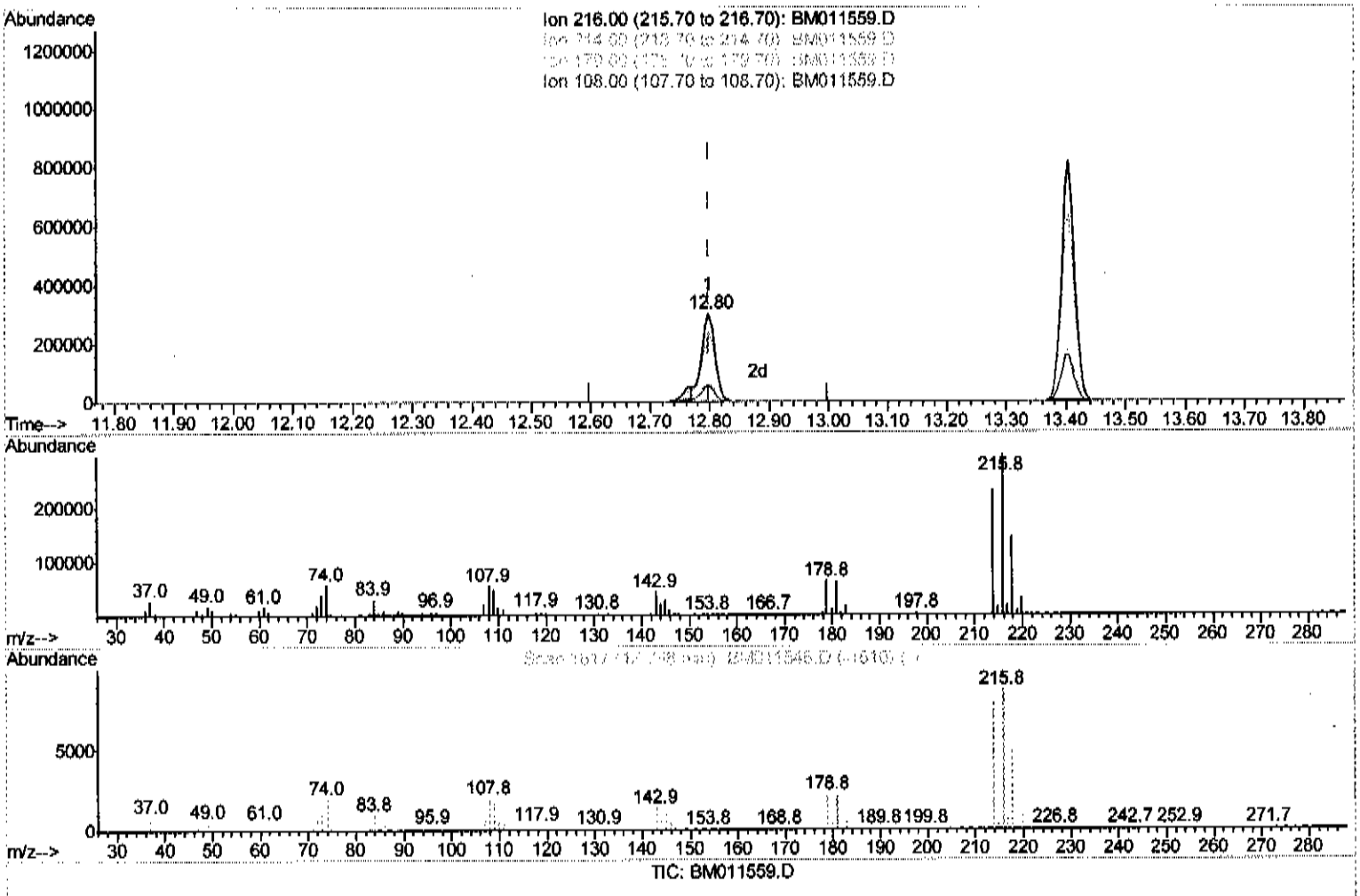
Quantitation Report (Qedit)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM091417\
Data File : BM011559.D
Acq On : 15 Sep 2017 02:05
Operator : SJ/JU
Sample : I5191-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Sep 15 04:16:11 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 15 02:27:08 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AF0

Manual Integrations APPROVED
Sohil
9/15/2017 5:46:45 PM



TIC: BM011559.D

(37) 1,2,4,5-Tetrachlorobenzene

12.798min (+0.000) 14.50ng/ul

response 472956

Ion	Exp%	Act%
216.00	100	100
214.00	80.10	78.18
179.00	18.10	21.24
108.00	13.00	18.40#

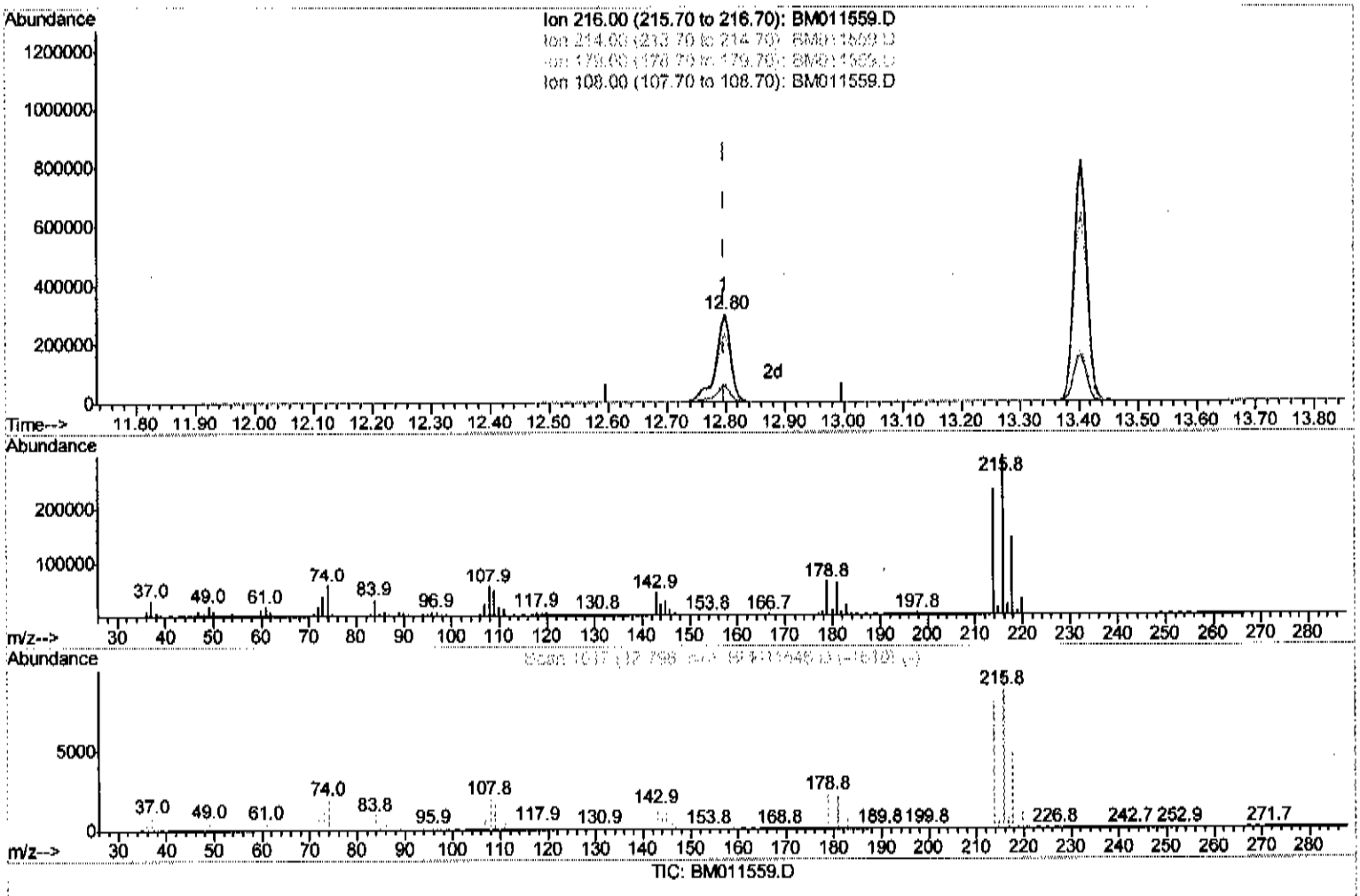
Quantitation Report (Qedit)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM091417\
Data File : BM011559.D
Acq On : 15 Sep 2017 02:05
Operator : SJ/JU
Sample : I5191-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Sep 15 04:12:46 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 15 02:27:08 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AF0

Manual Integrations APPROVED
Sohil
9/15/2017 5:46:45 PM



(37) 1,2,4,5-Tetrachlorobenzene

12.798min (+0.000) 16.20ng/ul m

response 528401

Ion	Exp%	Act%
216.00	100	100
214.00	80.10	78.18
179.00	18.10	21.24
108.00	13.00	18.40#

Quantitation Report (QT/LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM091417\
Data File : BM011559.D
Acq On : 15 Sep 2017 02:05
Operator : SJ/JU
Sample : I5191-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Sep 15 04:17:26 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 15 02:27:08 2017
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : C0AF0

Manual Integrations APPROVED
Sohil
9/15/2017 5:46:45 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	468045	20.00	ng/ul	0.01
18) Naphthalene-d8	10.79	136	1919553	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.60	164	1099232	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.34	188	2390124	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2466890	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	2201564	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	11866	1.14	ng/uL	0.00
5) Phenol-d5	7.12	99	202928	4.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.30	67	829316	27.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	689249	20.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.67	113	385384	10.98	ng/ul	0.00
19) Nitrobenzene-d5	9.14	128	446377	30.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.86	143	467879	30.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.40	165	793804	26.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.92	131	17403	0.52	ng/ul	0.01
44) Dimethylphthalate-d6	14.00	166	2838379	30.54	ng/ul	0.00
47) Acenaphthylene-d8	14.30	160	3378207	30.06	ng/ul	0.00
52) 4-Nitrophenol-d4	14.79	143	66493	3.81	ng/ul	0.00
58) Fluorene-d10	15.59	176	2505390	31.13	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	348289	25.04	ng/ul	0.00
71) Anthracene-d10	17.44	188	4035711	34.29	ng/ul	0.00
79) Pyrene-d10	19.73	212	4533909	39.25	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.73	264	3639182	34.68	ng/ul	0.00
Target Compounds						Qvalue
10) 2-Chlorophenol	7.53	128	132006	3.995	ng/ul	90
27) 2,4-Dichlorophenol	10.43	162	56097m	1.908	ng/ul	
37) 1,2,4,5-Tetrachlorobenzene	12.80	216	528401m	16.205	ng/ul	
40) 2,4,5-Trichlorophenol	13.11	196	24750	1.100	ng/ul	95
73) 1,2,3,4-Tetrachlorobenzene	13.40	216	1240106	38.936	ng/uL	98
74) Pentachlorobenzene	14.92	250	45717	1.415	ng/uL	94

SJ 9/18/17

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