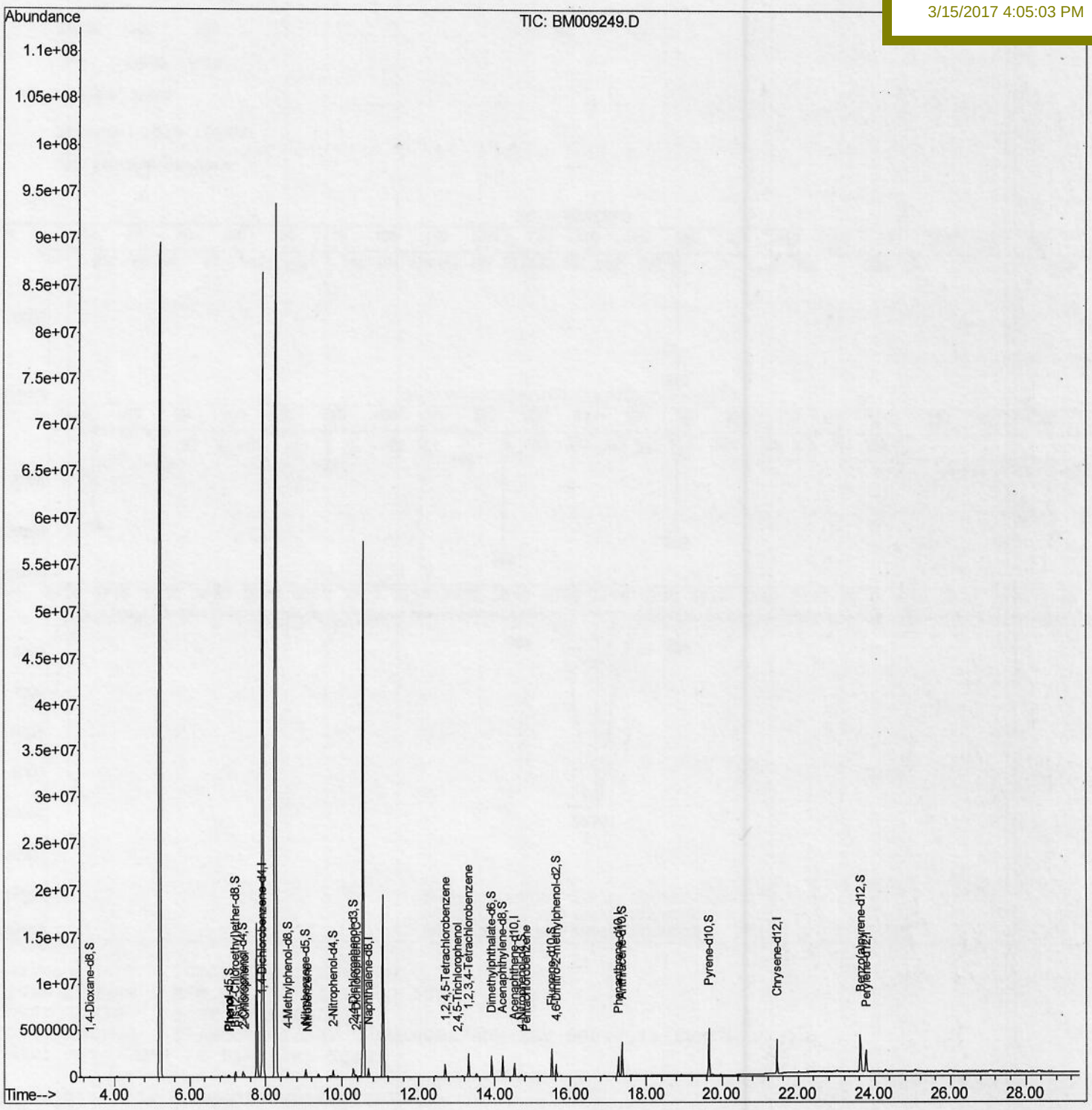
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM031317\
Data File : BM009249.D
Acq On : 14 Mar 2017 11:10
Operator : SJ/MA
Sample : I2181-19
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 14 20:16:10 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 14 04:57:13 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0BJ9

Manual Integrations APPROVED
mohammad
3/15/2017 4:05:03 PM



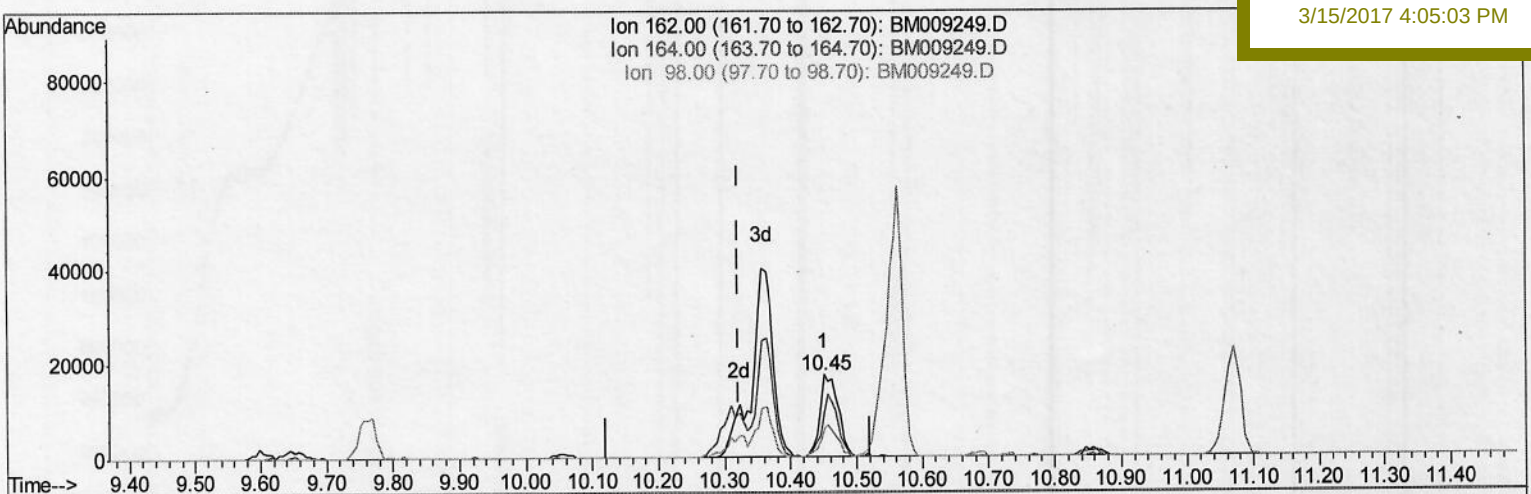
Quantitation Report (Qedit)

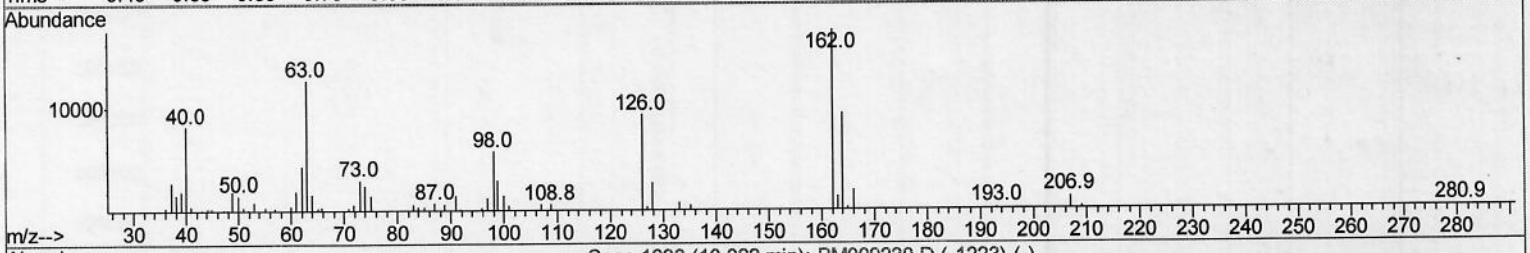
Data Path : Z:\HPCHEM1\BNA M\Data\BM031317\
Data File : BM009249.D
Acq On : 14 Mar 2017 11:10
Operator : SJ/MA
Sample : I2181-19
Misc :
ALS Vial : 32 Sample Multiplier: 1

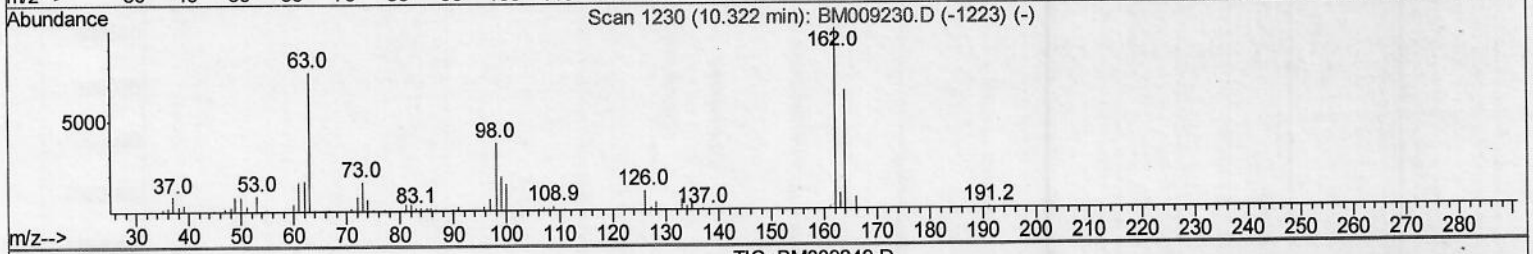
Quant Time: Mar 14 20:12:30 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 14 04:57:13 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0BJ9

Manual Integrations APPROVED
mohammad
3/15/2017 4:05:03 PM







TIC: BM009249.D

(27) 2,4-Dichlorophenol (C)

10.451min (+0.130) 3.39ng/ul

response 32996

Ion	Exp%	Act%
162.00	100	100
164.00	65.10	54.60
98.00	35.50	33.77
0.00	0.00	0.00

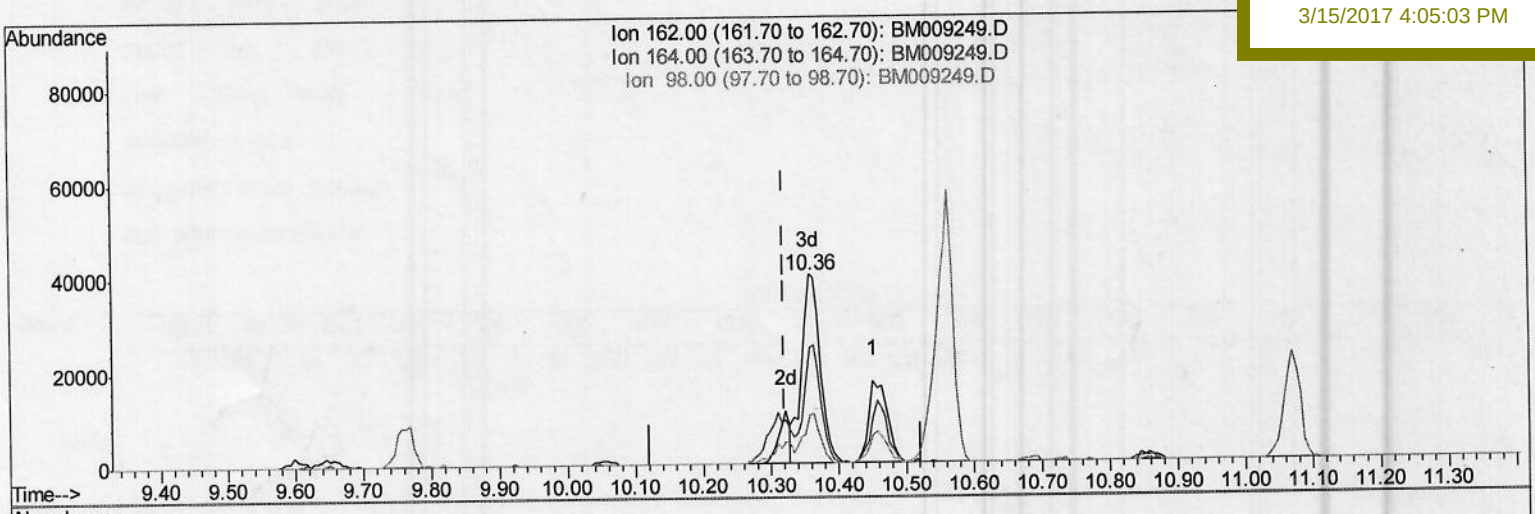
Quantitation Report (Qedit)

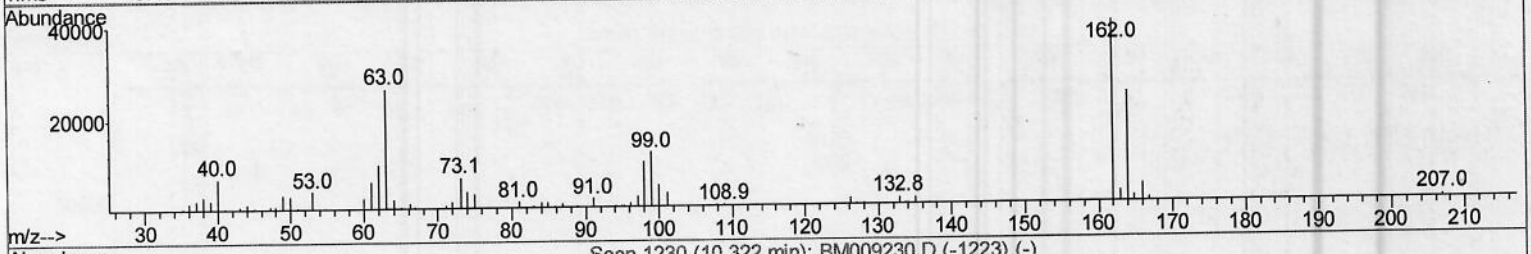
Data Path : Z:\HPCHEM1\BNA M\Data\BM031317\
Data File : BM009249.D
Acq On : 14 Mar 2017 11:10
Operator : SJ/MA
Sample : I2181-19
Misc :
ALS Vial : 32 Sample Multiplier: 1

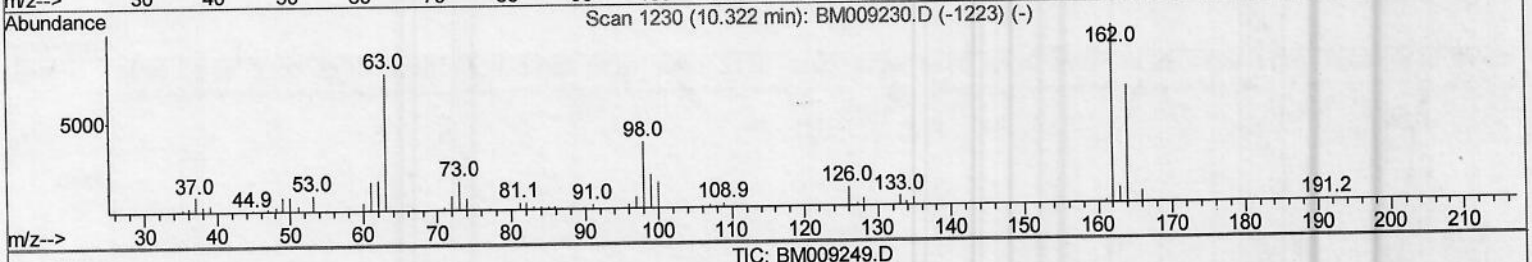
Quant Time: Mar 14 20:12:30 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 14 04:57:13 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0BJ9

Manual Integrations APPROVED
mohammad
3/15/2017 4:05:03 PM







TIC: BM009249.D

(27) 2,4-Dichlorophenol (C)

10.357min (+0.036) 7.77ng/ul m

SJ
03/18/2017

response 75641

Ion	Exp%	Act%
162.00	100	100
164.00	65.10	61.42
98.00	35.50	25.30#
0.00	0.00	0.00

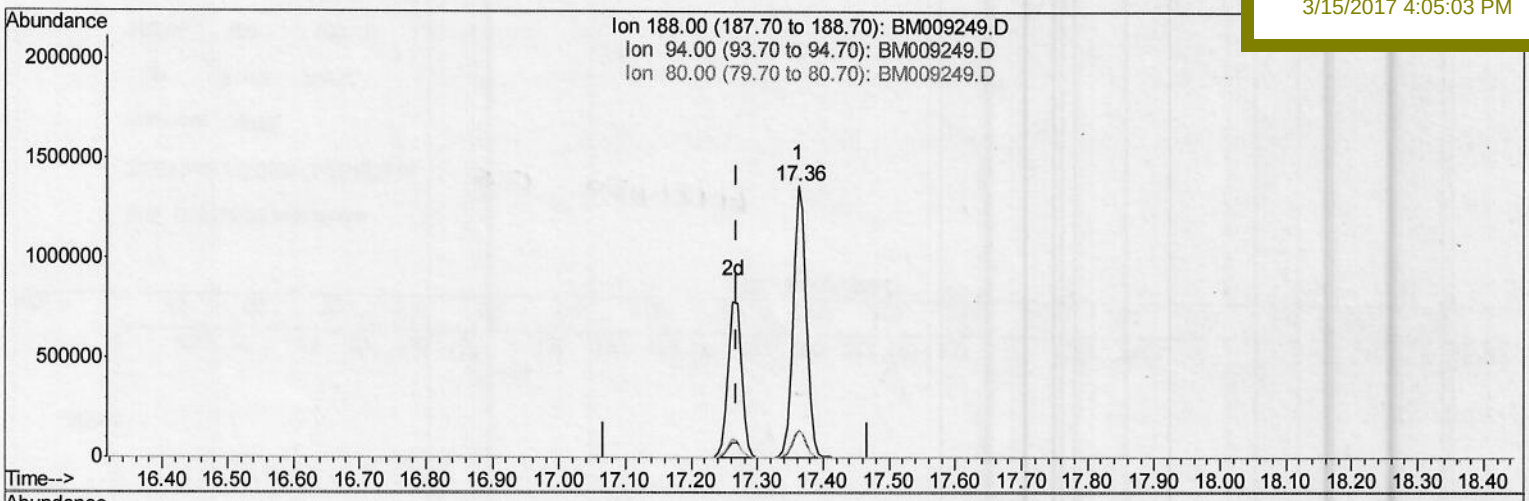
Quantitation Report (Qedit)

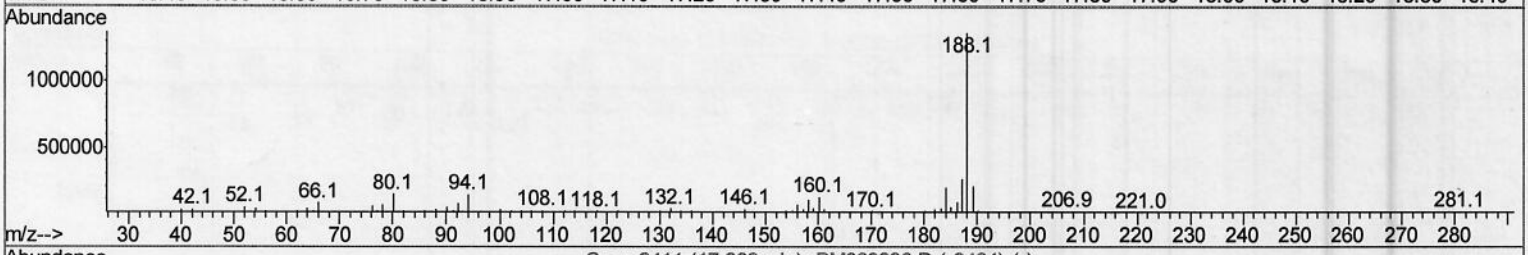
Data Path : Z:\HPCHEM1\BNA M\Data\BM031317\
Data File : BM009249.D
Acq On : 14 Mar 2017 11:10
Operator : SJ/MA
Sample : I2181-19
Misc :
ALS Vial : 32 Sample Multiplier: 1

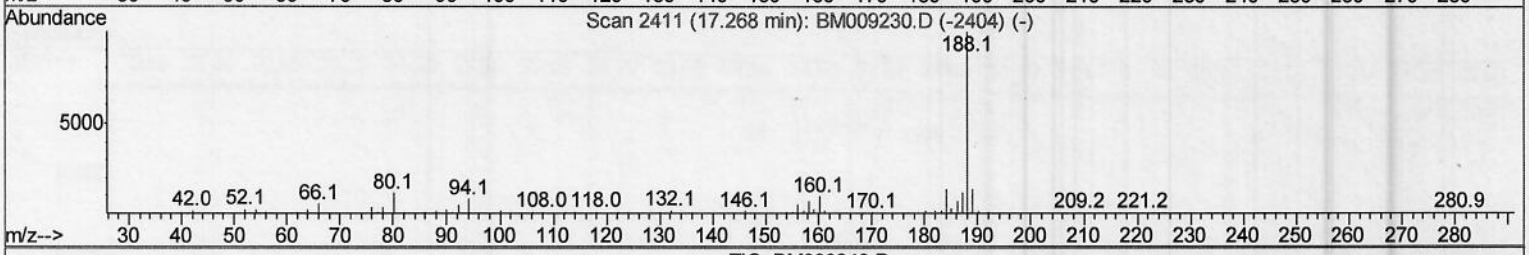
Quant Time: Mar 14 20:12:30 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 14 04:57:13 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0BJ9

Manual Integrations APPROVED
mohammad
3/15/2017 4:05:03 PM







TIC: BM009249.D

(61) Phenanthrene-d10 (I)

17.363min (+0.095) 20.00ng/ul

response 1899969

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	9.91
80.00	9.70	10.24
0.00	0.00	0.00

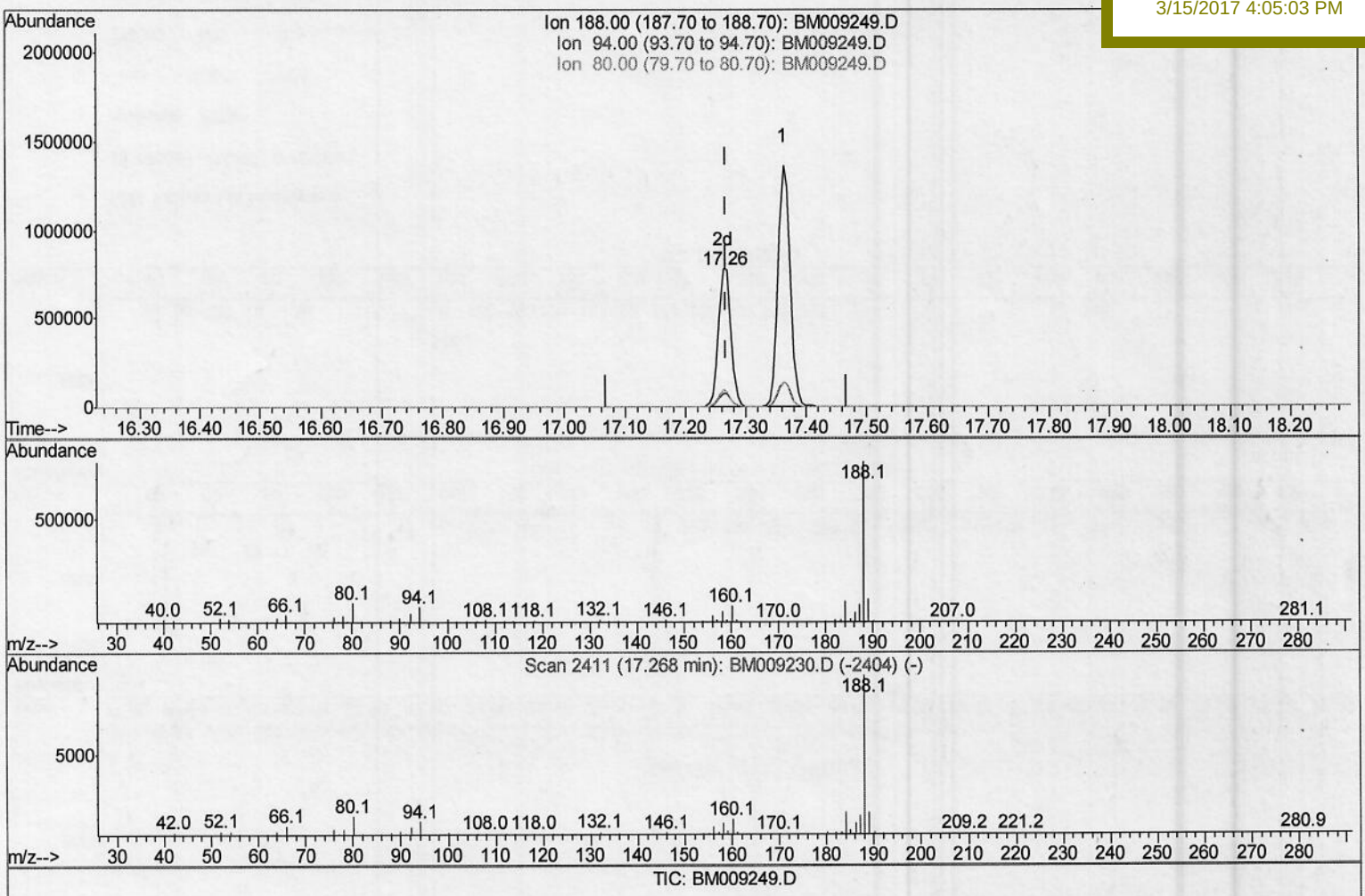
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM031317\
Data File : BM009249.D
Acq On : 14 Mar 2017 11:10
Operator : SJ/MA
Sample : I2181-19
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 14 20:16:10 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 14 04:57:13 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0BJ9

Manual Integrations APPROVED
mohammad
3/15/2017 4:05:03 PM



(61) Phenanthrene-d10 (I)

17.263min (-0.005) 20.00ng/ul m

response 1106750

SJ 03/18/2017

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	9.52
80.00	9.70	12.30#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM031317\
Data File : BM009249.D
Acq On : 14 Mar 2017 11:10
Operator : SJ/MA
Sample : I2181-19
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BJ9

Manual Integrations APPROVED
mohammad
3/15/2017 4:05:03 PM

Quant Time: Mar 14 20:16:10 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 14 04:57:13 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	143586	20.00	ng/ul	0.01
18) Naphthalene-d8	10.69	136	580635	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	408292	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	1106750m	20.00	ng/ul	0.00
77) Chrysene-d12	21.44	240	1665058	20.00	ng/ul	0.00
85) Perylene-d12	23.78	264	1666616	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.35	96	16543	5.07	ng/uL	0.00
5) Phenol-d5	7.03	99	72592	4.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	269151	26.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	201026	21.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.58	113	144180	11.63	ng/ul	0.00
19) Nitrobenzene-d5	9.05	128	142578	34.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	152321	33.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	279774	28.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.82	131	3358	0.29	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	1178466	38.00	ng/ul	0.00
46) Acenaphthylene-d8	14.21	160	1351188	37.89	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	38299	6.22	ng/ul	0.00
57) Fluorene-d10	15.51	176	1067106	38.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	201417	30.42	ng/ul	0.00
70) Anthracene-d10	17.36	188	1902252	36.32	ng/ul	0.00
78) Pyrene-d10	19.66	212	2472763	36.79	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.63	264	2741309	35.95	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.06	94	35778	2.16	ng/ul#	70
10) 2-Chlorophenol	7.45	128	101968	10.42	ng/ul#	77
20) Nitrobenzene	9.08	77	14476	1.05	ng/ul#	77
27) 2,4-Dichlorophenol	10.36	162	75641m	7.77	ng/ul	
36) 1,2,4,5-Tetrachlorobenzene	12.70	216	378939	30.86	ng/ul	98
39) 2,4,5-Trichlorophenol	13.01	196	9053	1.01	ng/ul	90
72) 1,2,3,4-Tetrachlorobenzene	13.31	216	699391	53.79	ng/uL	98
73) Pentachlorobenzene	14.83	250	14640	1.05	ng/uL#	84

SJ 03/18/2017

SJ 03/18/2017

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