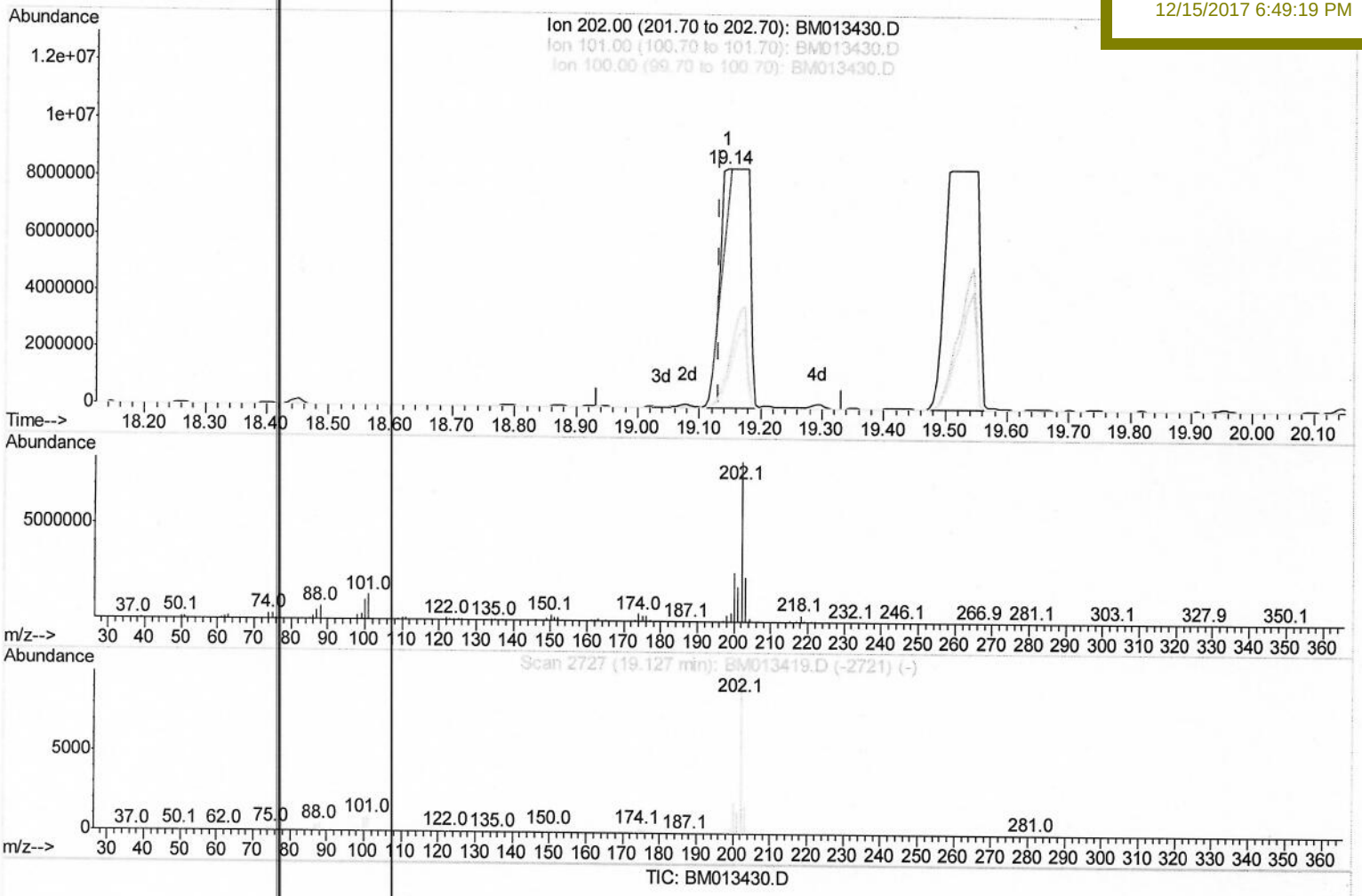
Quantitation Report (Qedit)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013430.D
Acq On : 15 Dec 2017 08:23
Operator : SJ/JU
Sample : I6776-03 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Dec 15 10:03:48 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 15 04:56:09 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F9A55

Manual Integrations APPROVED
Sohil
12/15/2017 6:49:19 PM



TIC: BM013430.D

(74) Fluoranthene (C)

19.145min (+0.012) 38.96ng/ul

response 3619315

Ion	Exp%	Act%
202.00	100	100
101.00	5.80	15.66#
100.00	4.30	12.14#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013430.D
Acq On : 15 Dec 2017 08:23
Operator : SJ/JU
Sample : I6776-03 10X
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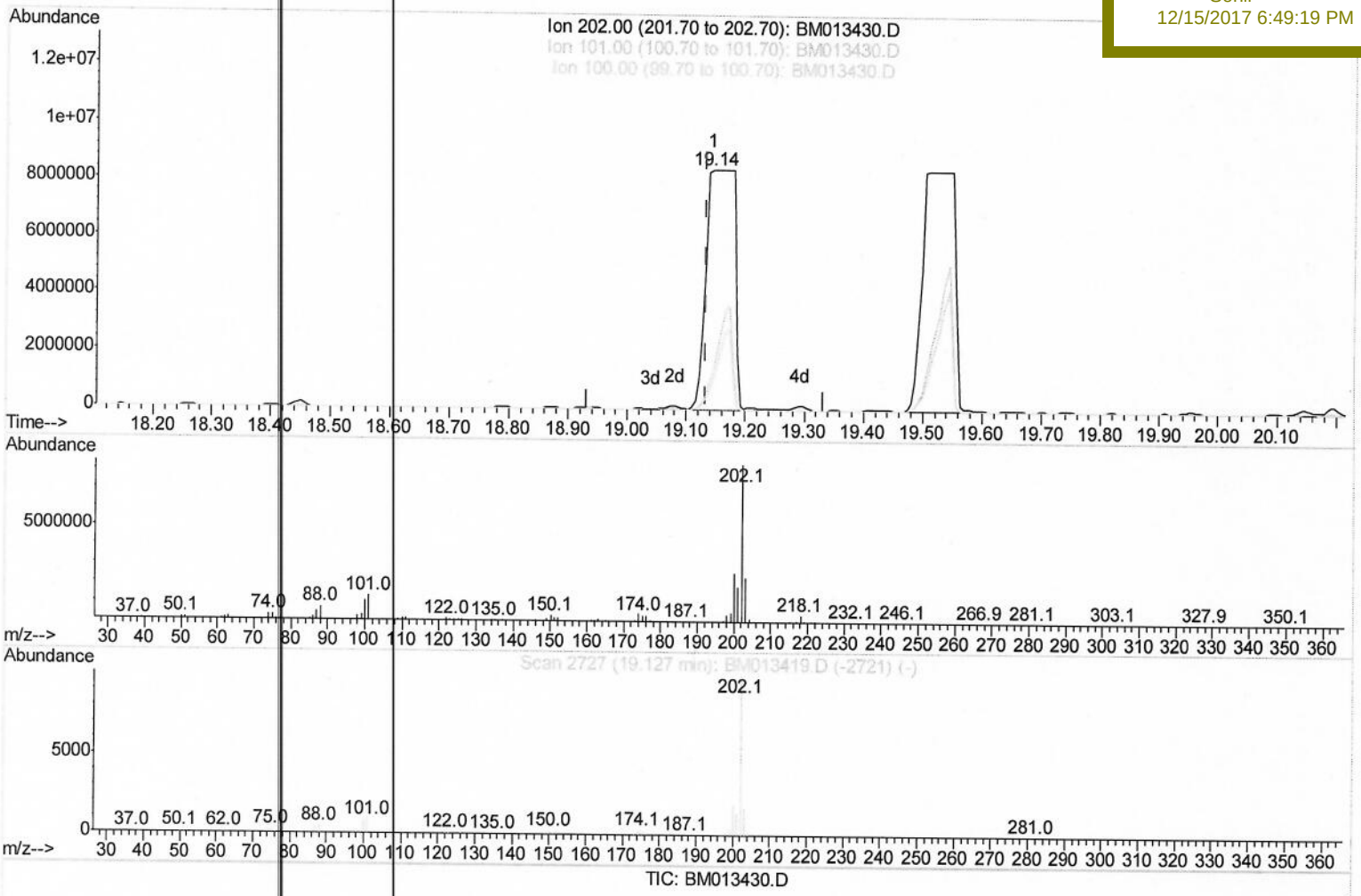
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 15 04:56:09 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F9A55

Manual Integrations APPROVED
Sohil
12/15/2017 6:49:19 PM



(74) Fluoranthene (C)

19.145min (+0.012) 298.77ng/ul m) SJ12/25/17

response 27754813

Ion	Exp%	Act%
202.00	100	100
101.00	5.80	15.66#
100.00	4.30	12.14#
0.00	0.00	0.00

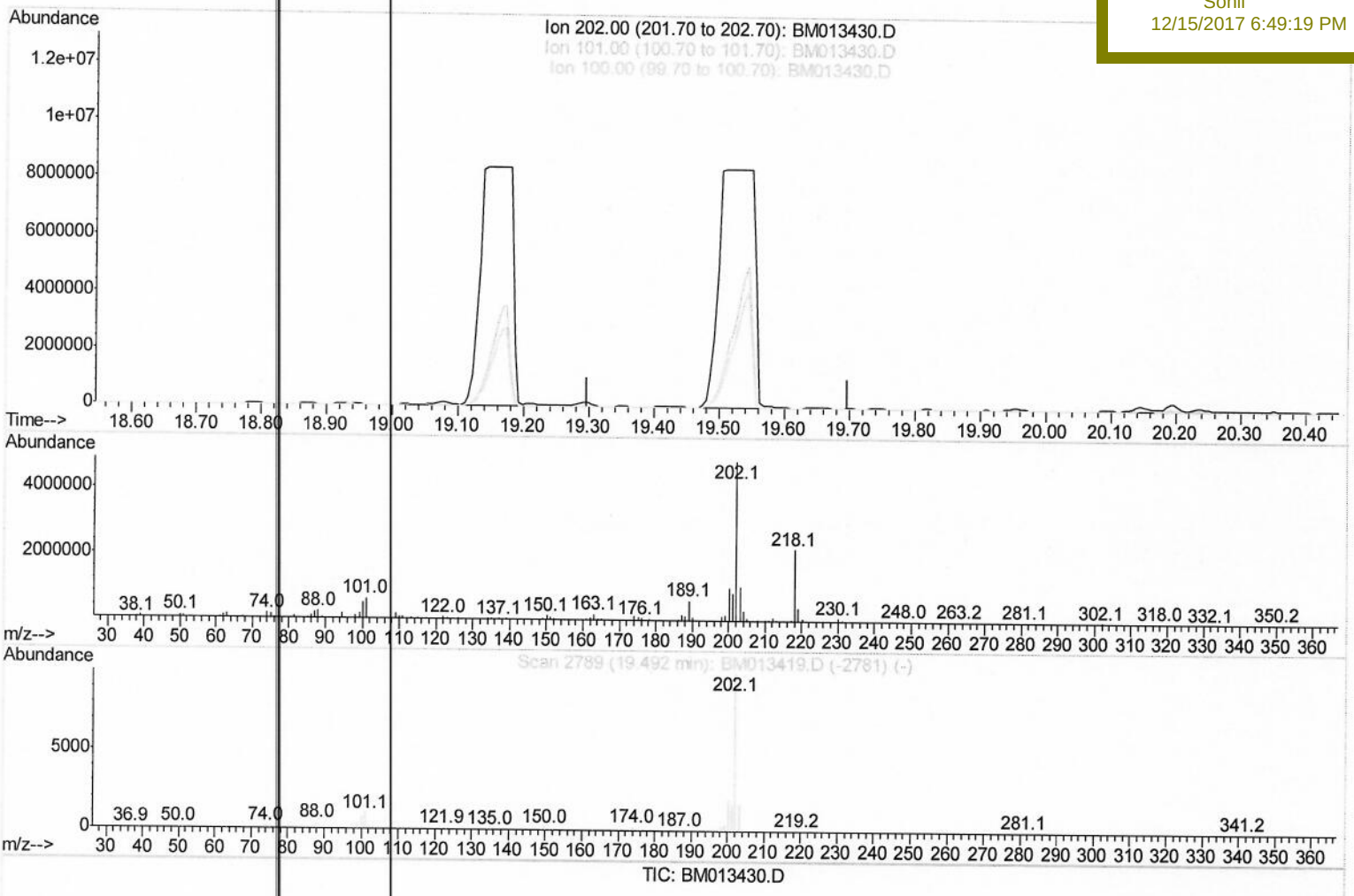
Quantitation Report (Qedit)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013430.D
Acq On : 15 Dec 2017 08:23
Operator : SJ/JU
Sample : I6776-03 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Dec 15 11:41:24 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 15 04:56:09 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F9A55

Manual Integrations APPROVED
Sohil
12/15/2017 6:49:19 PM



TIC: BM013430.D

(77) Pyrene

19.498min (-19.498) 0.00ng/ul

response 0

Ion	Exp%	Ac%
202.00	100	0.00
101.00	6.40	0.00#
100.00	6.10	0.00#
0.00	0.00	0.00

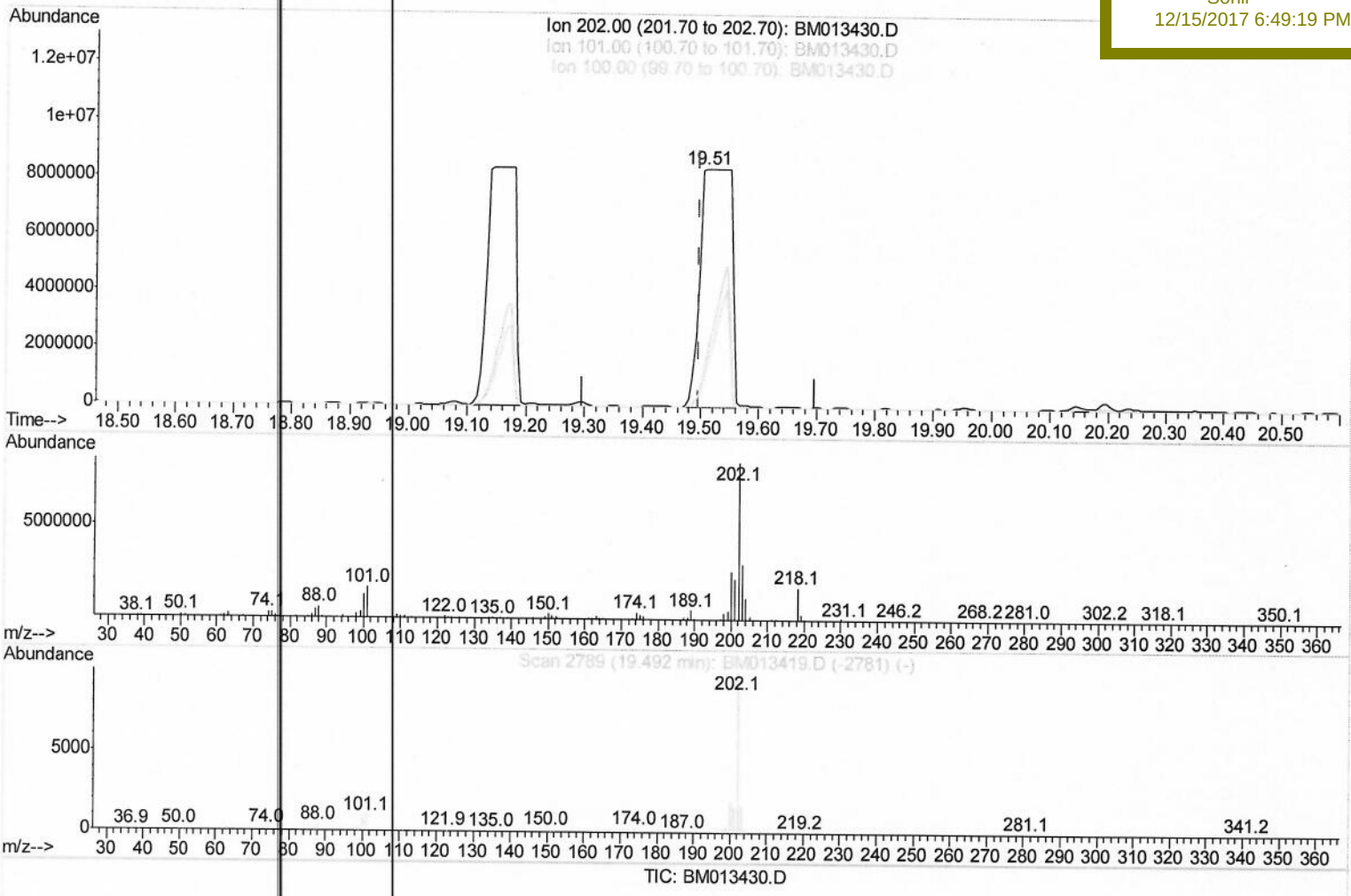
Quantitation Report (Qedit)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013430.D
Acq On : 15 Dec 2017 08:23
Operator : SJ/JU
Sample : I6776-03 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Dec 15 11:41:24 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 15 04:56:09 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F9A55

Manual Integrations APPROVED
Sohil
12/15/2017 6:49:19 PM



TIC: BM013430.D

(77) Pyrene

19.509min (+0.012) 457.30ng/ul m SJ 12/25/17

response 31358470

Ion	Exp%	Act%
202.00	100	100
101.00	6.40	19.81#
100.00	6.10	15.36#
0.00	0.00	0.00

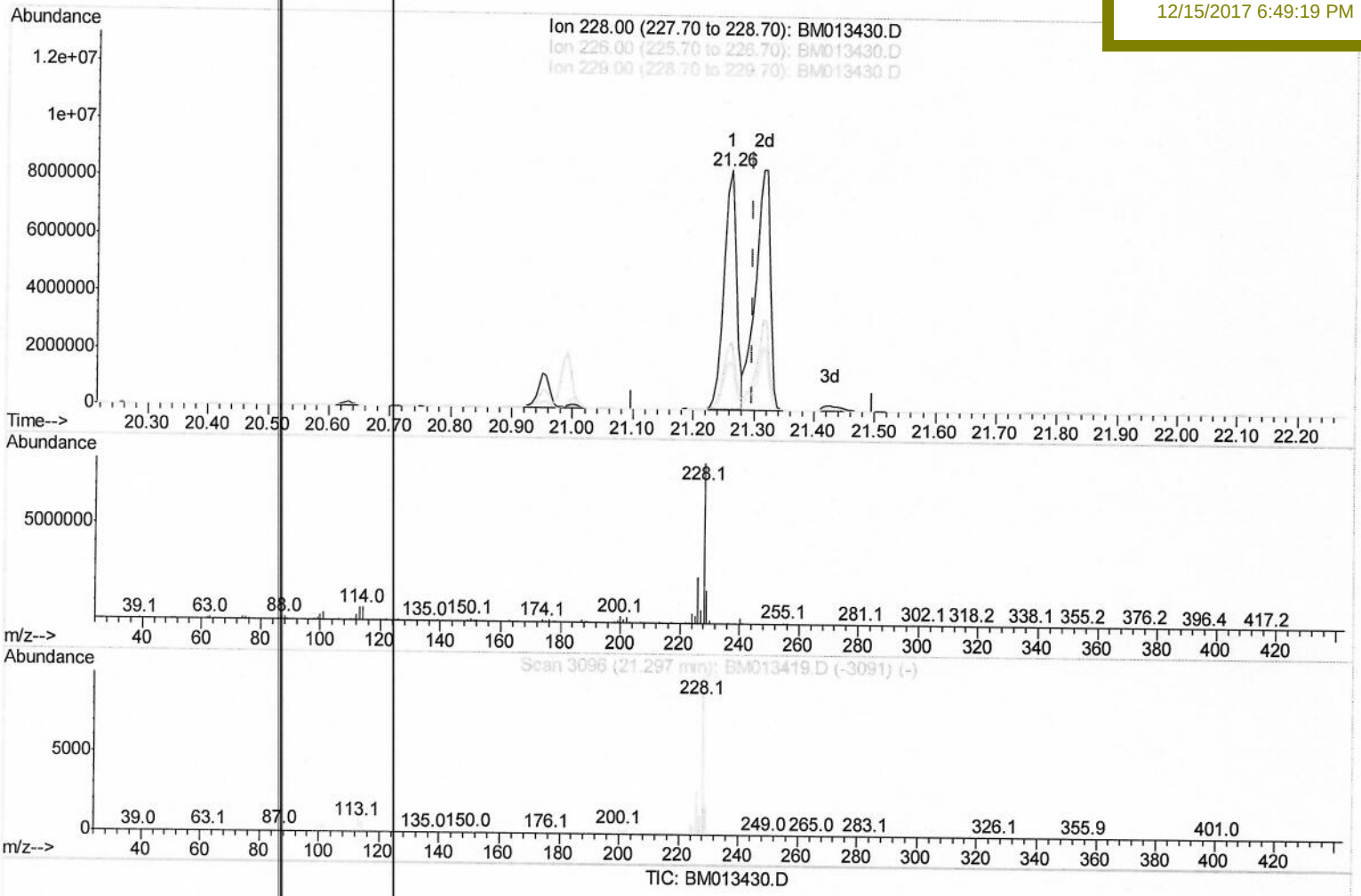
Quantitation Report (Qedit)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013430.D
Acq On : 15 Dec 2017 08:23
Operator : SJ/JU
Sample : I6776-03 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Dec 15 11:41:24 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 15 04:56:09 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F9A55

Manual Integrations APPROVED
Sohil
12/15/2017 6:49:19 PM



TIC: BM013430.D

(82) Chrysene

21.262min (-0.035) 183.52ng/ul

response 12193300

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	28.77
229.00	19.40	20.46
0.00	0.00	0.00

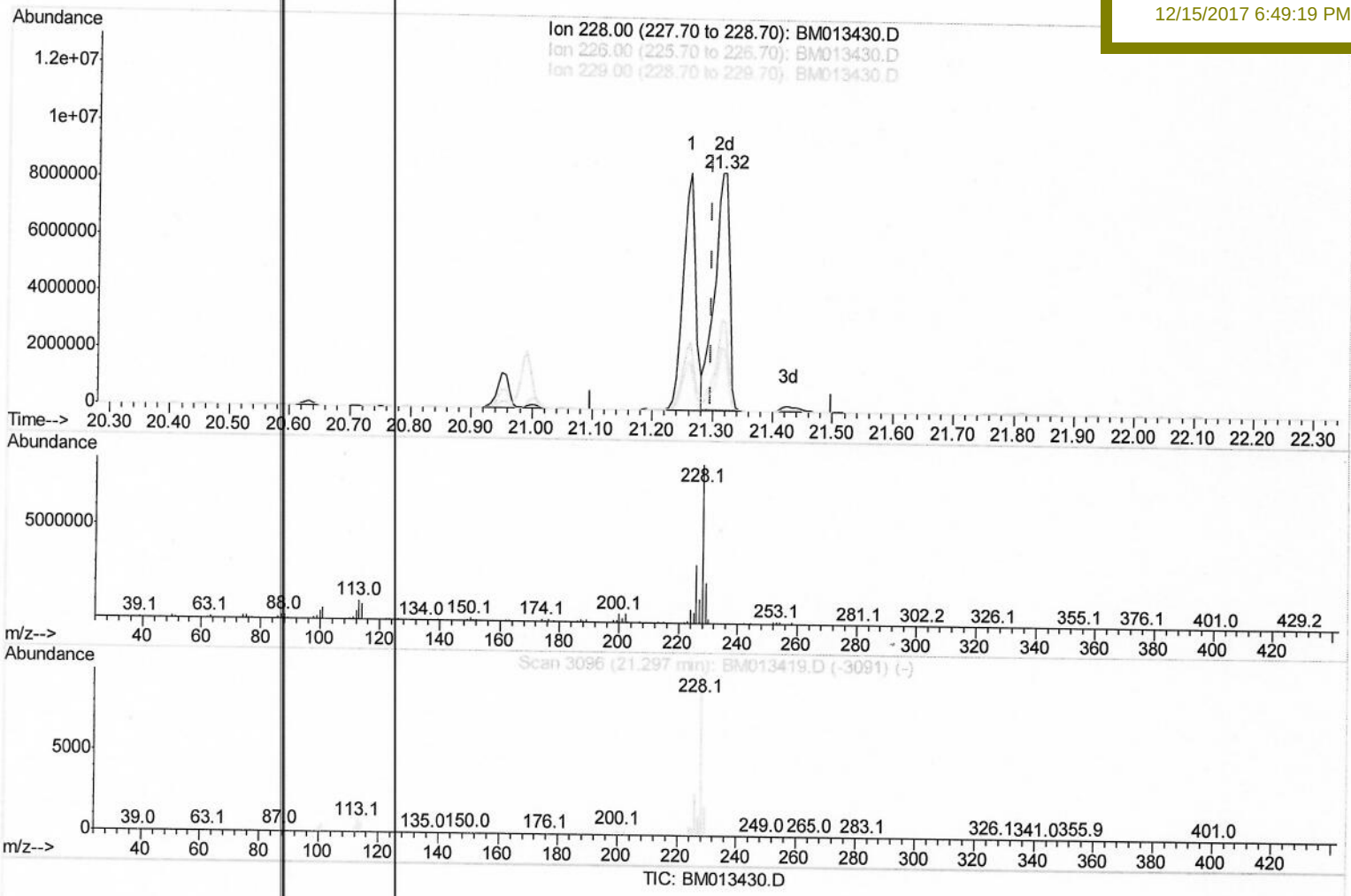
Quantitation Report (Qedit)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013430.D
Acq On : 15 Dec 2017 08:23
Operator : SJ/JU
Sample : I6776-03 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Dec 15 11:41:24 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 15 04:56:09 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F9A55

Manual Integrations APPROVED
Sohil
12/15/2017 6:49:19 PM



TIC: BM013430.D

(82) Chrysene

21.315min (+0.018) 218.89ng/ul m) SJ 12/25/17

response 14542850

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	38.03#
229.00	19.40	26.33#
0.00	0.00	0.00

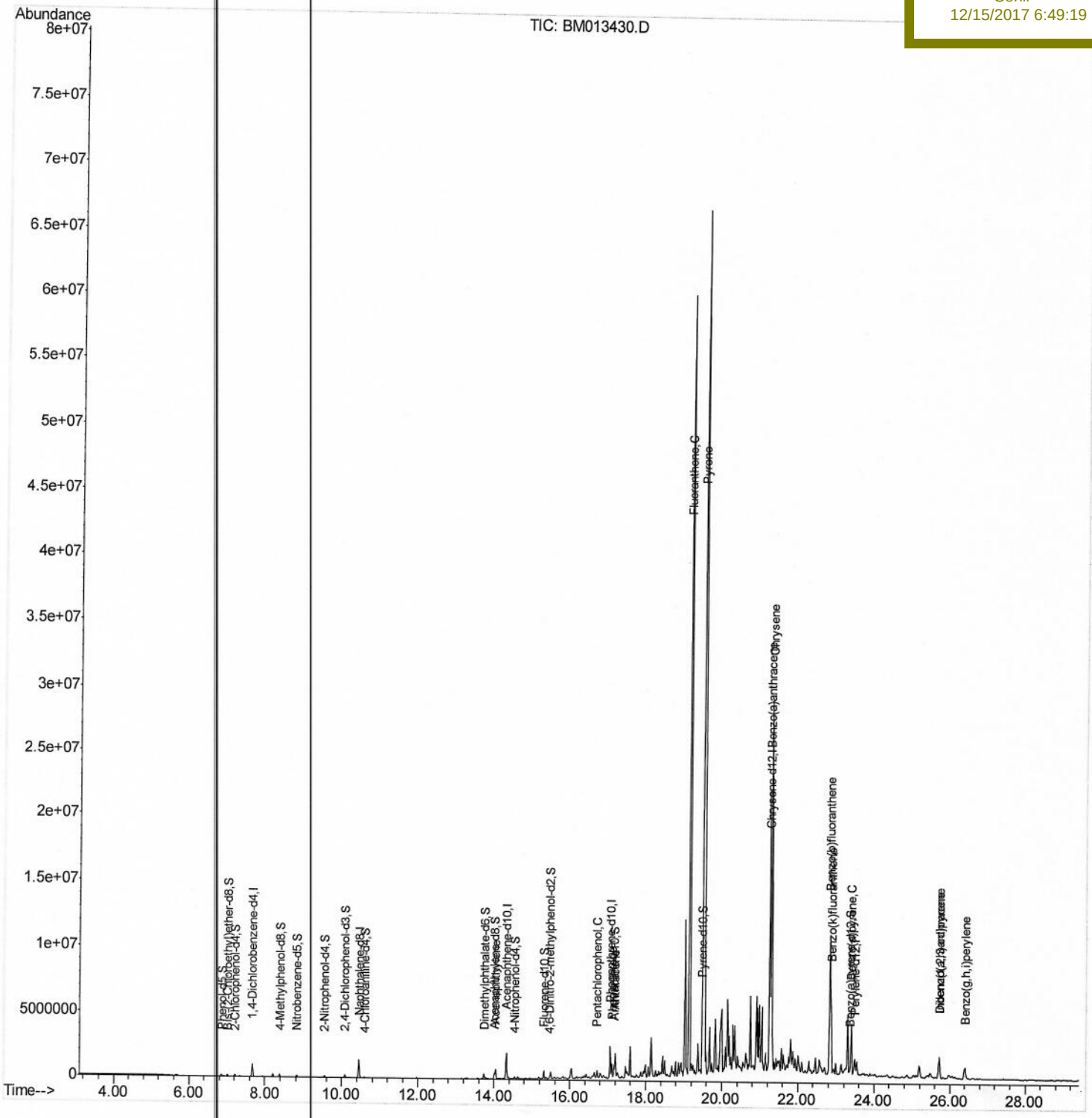
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013430.D
Acq On : 15 Dec 2017 08:23
Operator : SJ/JU
Sample : I6776-03 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Dec 25 01:36:33 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 15 04:56:09 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F9A55

Manual Integrations APPROVED
Sohil
12/15/2017 6:49:19 PM



Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013430.D
Acq On : 15 Dec 2017 08:23
Operator : SJ/JU
Sample : I6776-03 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Dec 25 01:36:33 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 15 04:56:09 2017
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : F9A55

Manual Integrations APPROVED
Sohil
12/15/2017 6:49:19 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	259791	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1116558	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	638396	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1334302	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1128723	20.00	ng/ul	0.01
83) Perylene-d12	23.49	264	920773	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	1973	0.38	ng/uL	0.00
5) Phenol-d5	6.85	99	78010	3.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	45556	3.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	61628	3.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	66218	3.45	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	32805	3.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	37423	3.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	68865	3.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	23251	1.30	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	245538	4.32	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	296663	4.23	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	30865	3.13	ng/ul	0.00
57) Fluorene-d10	15.32	176	207965	4.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	23891	2.85	ng/ul	0.00
70) Anthracene-d10	17.16	188	305722	4.57	ng/ul	0.00
76) Pyrene-d10	19.48	212	319963	5.69	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.35	264	201111	4.29	ng/ul	0.00
Target Compounds						Qvalue
47) Acenaphthylene	14.04	152	573854	8.845	ng/ul	99
68) Pentachlorophenol	16.72	266	68921	6.889	ng/ul	94
69) Phenanthrene	17.11	178	661978	8.733	ng/ul	99
71) Anthracene	17.20	178	1276908	16.480	ng/ul	98
74) Fluoranthene	19.14	202	27754813m	298.773	ng/ul	
77) Pyrene	19.51	202	31358470m	457.300	ng/ul	
80) Benzo(a)anthracene	21.26	228	12193300	170.262	ng/ul	96
82) Chrysene	21.32	228	14542850m	218.886	ng/ul	
85) Benzo(b)fluoranthene	22.84	252	8643897	139.259	ng/ul#	97
86) Benzo(k)fluoranthene	22.87	252	2908805	49.798	ng/ul#	98
88) Benzo(a)pyrene	23.40	252	2896149	51.941	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.72	276	1440219	26.032	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.72	278	402854	8.552	ng/ul#	89
91) Benzo(g,h,i)perylene	26.40	276	1054633	24.167	ng/ul#	95

SJ 12/25/17

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