Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\

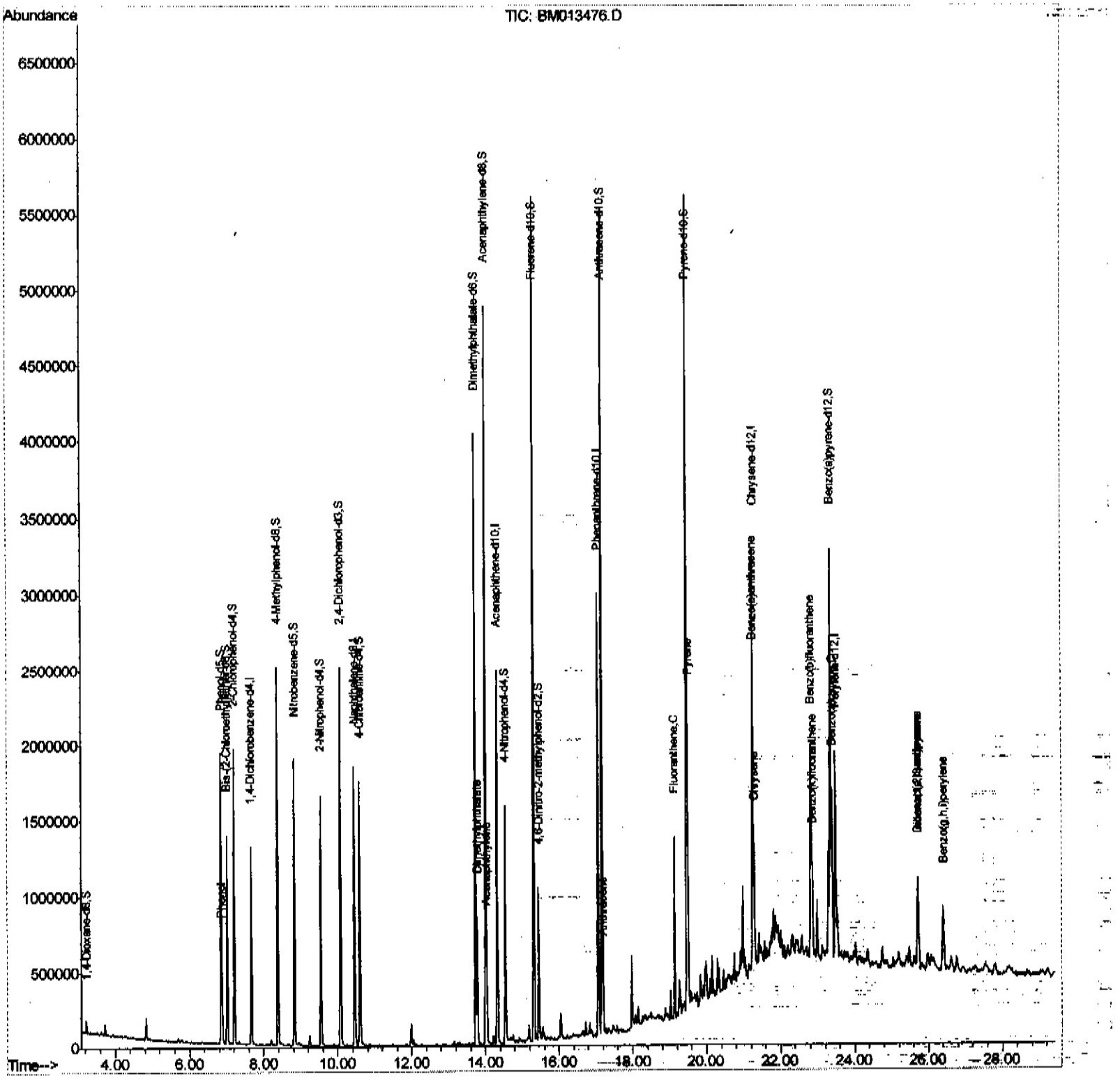
Quantitation Report (QT Reviewed)

Data File : BM013476.D
Acq On : 16 Dec 2017 13:34
Operator : SJ/JU
Sample : I6779-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Dec 18 03:05:18 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F9A94

Manual Integrations APPROVED
Sohil
12/18/2017 2:10:45 PM



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\

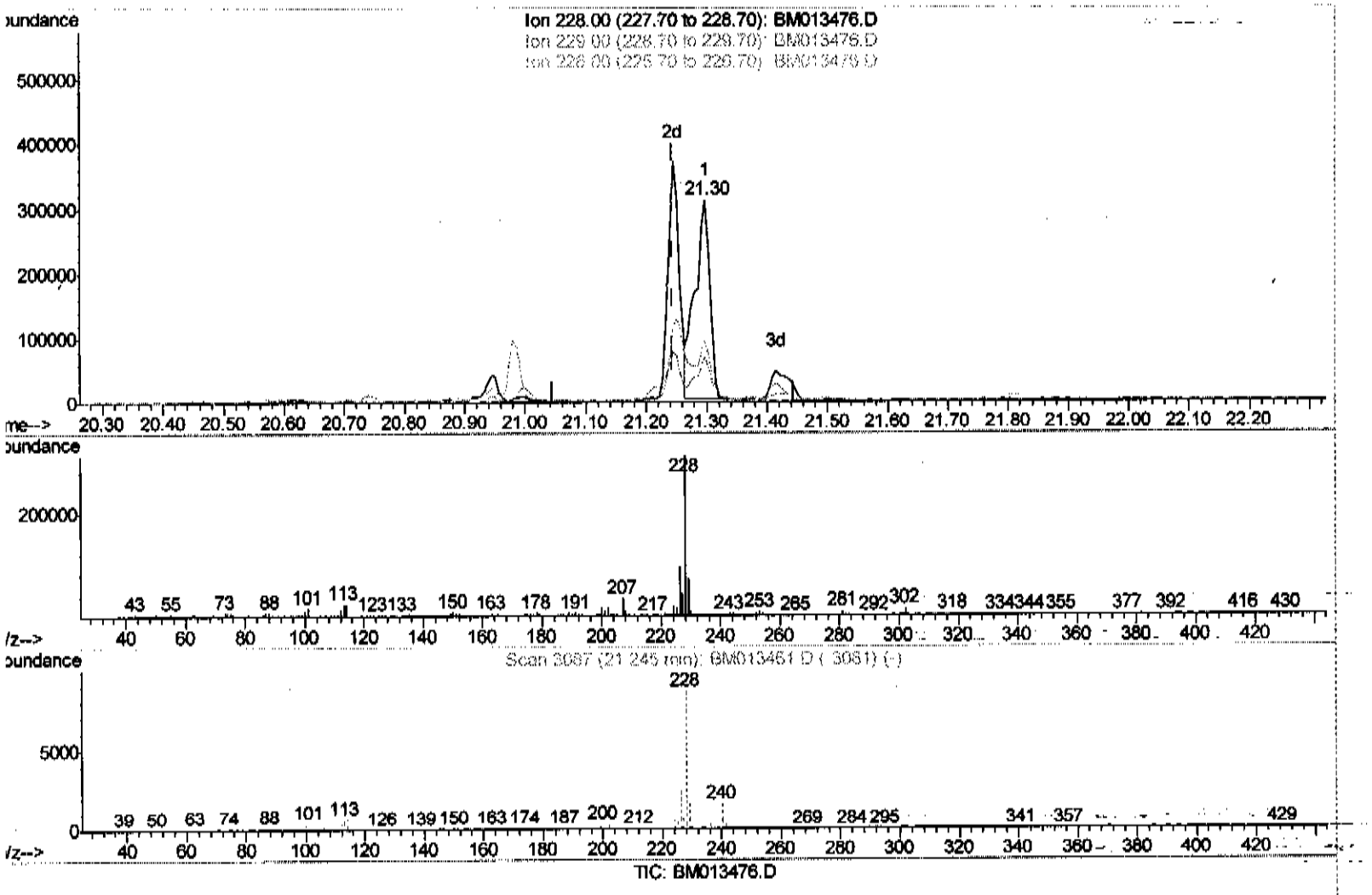
Quantitation Report (Qedit)

Data File : BM013476.D
Acq On : 16 Dec 2017 13:34
Operator : SJ/JU
Sample : I6779-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Dec 18 00:31:31 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F9A94

Manual Integrations APPROVED
Sohil
12/18/2017 2:10:45 PM



(80) Benzo(a)anthracene

21.297min (+0.053) 7.55ng/ul

response 535489

Ion	Exp%	Act%
228.00	100	100
229.00	19.20	22.51
226.00	26.70	30.47
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\

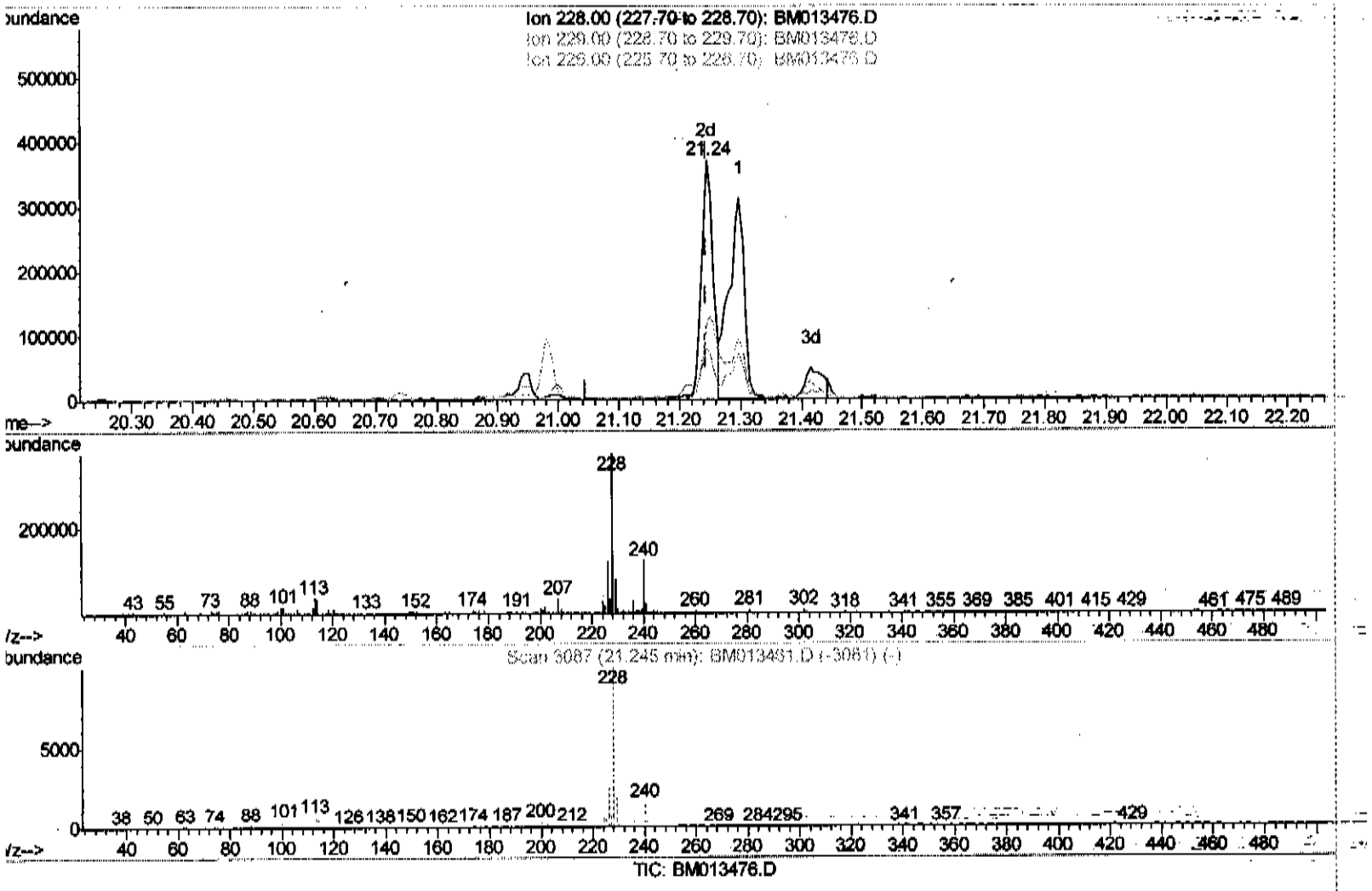
Quantitation Report (Qedit)

Data File : BM013476.D
Acq On : 16 Dec 2017 13:34
Operator : SJ/JU
Sample : I6779-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Dec 18 00:31:31 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F9A94

Manual Integrations APPROVED
Sohil
12/18/2017 2:10:45 PM



(80) Benzo(a)anthracene

21.245min (-0.000) 6.93ng/ul m SJ 12/18/17

response 491100

Ion	Exp%	Act%
228.00	100	100
229.00	19.20	21.22
226.00	26.70	32.12#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\

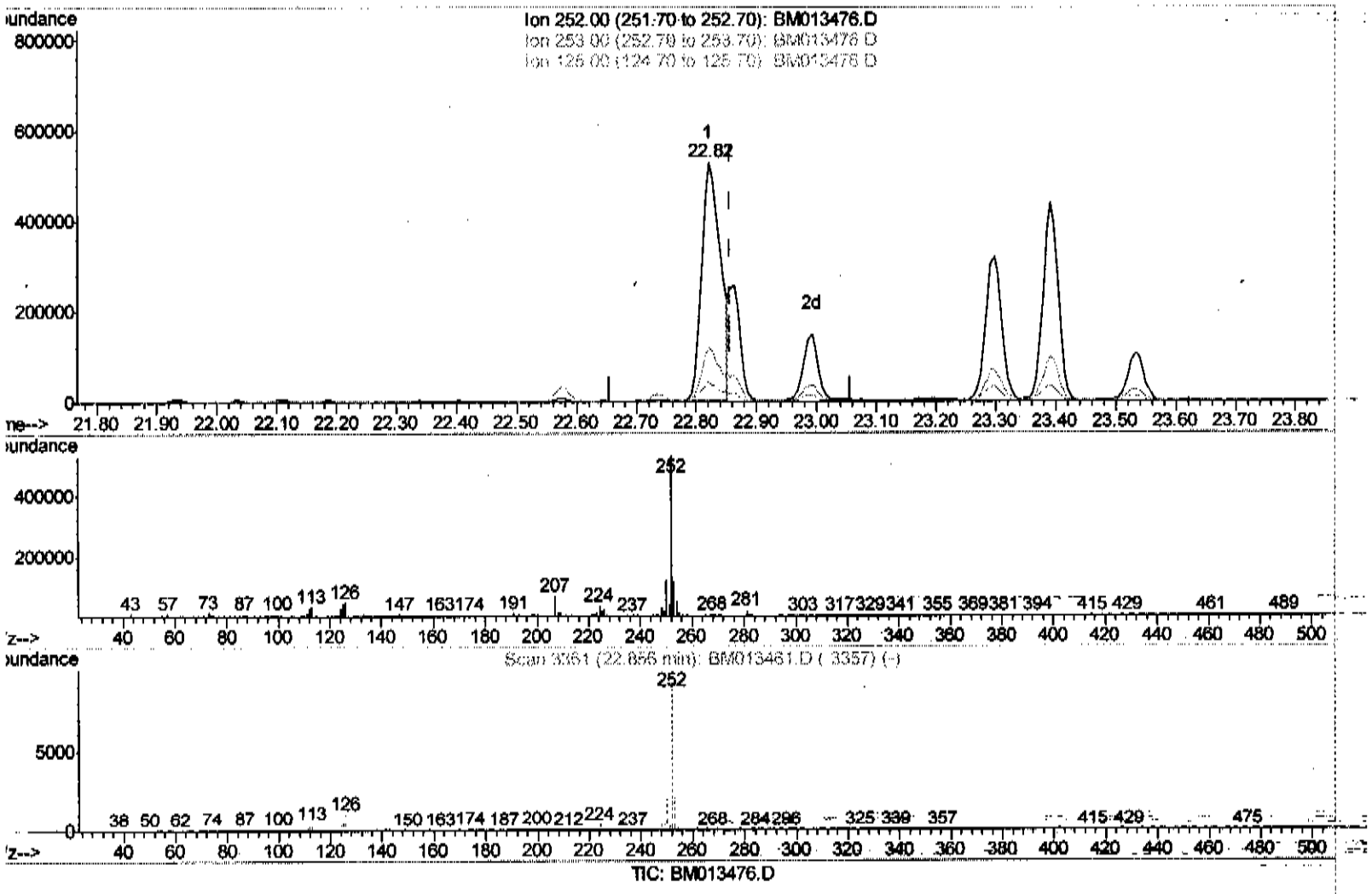
Quantitation Report (Qedit)

Data File : BM013476.D
Acq On : 16 Dec 2017 13:34
Operator : SJ/JU
Sample : I6779-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Dec 18 00:31:31 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F9A94

Manual Integrations APPROVED
Sohil
12/18/2017 2:10:45 PM



(86) Benzo(k)fluoranthene

22.821min (-0.035) 17.75ng/ul

response 1151052

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.09
125.00	4.30	8.47#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\

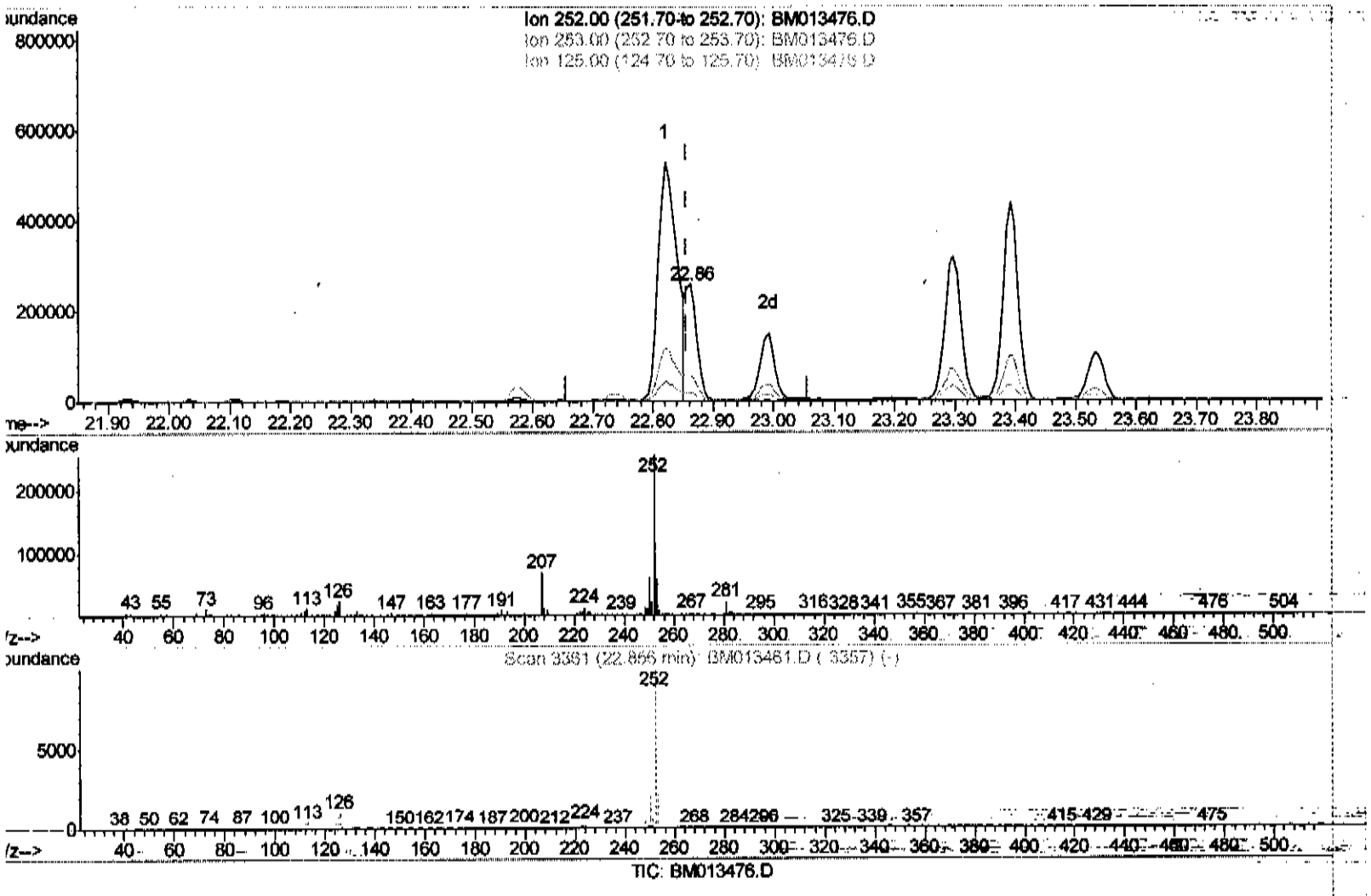
Quantitation Report (Qedit)

Data File : BM013476.D
Acq On : 16 Dec 2017 13:34
Operator : SJ/JU
Sample : I6779-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Dec 18 00:31:31 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F9A94

Manual Integrations APPROVED
Sohil
12/18/2017 2:10:45 PM



(86) Benzo(k)fluoranthene

22.862min (+0.006) 5.15ng/ul m

SJ 12/18/17

response 333721

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.57
125.00	4.30	7.24#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\

Quantitation Report (QT Reviewed)

Data File : BM013476.D
Acq On : 16 Dec 2017 13:34
Operator : SJ/JU
Sample : I6779-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A94

Manual Integrations APPROVED
Sohil
12/18/2017 2:10:45 PM

Quant Time: Dec 18 03:05:18 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	330639	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1456055	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	823957	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1652769	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1117266	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	1022125	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	35486	5.32	ng/uL	0.00
5) Phenol-d5	6.86	99	1002697	35.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	580372	35.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	824992	36.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	863408	35.33	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	426969	36.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	479843	38.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	877151	34.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	900439	38.47	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	2586993	35.28	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	3330370	36.81	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	362062	28.42	ng/ul	0.00
57) Fluorene-d10	15.32	176	2137272	33.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	219656	21.13	ng/ul	0.00
70) Anthracene-d10	17.17	188	2972645	35.91	ng/ul	0.00
76) Pyrene-d10	19.47	212	2637659	47.39	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	1826888	35.09	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	6.88	94	116800	4.13	ng/ul#	84
44) Dimethylphthalate	13.78	163	469048	6.69	ng/ul	99
47) Acenaphthylene	14.04	152	314454	3.76	ng/ul	96
71) Anthracene	17.20	178	219637	2.29	ng/ul	99
74) Fluoranthene	19.13	202	730248	6.35	ng/ul#	92
77) Pyrene	19.50	202	1098434	16.18	ng/ul#	93
80) Benzo(a)anthracene	21.24	228	491100m	6.93	ng/ul	
82) Chrysene	21.30	228	535489	8.14	ng/ul	96
85) Benzo(b)fluoranthene	22.82	252	1151052	16.71	ng/ul#	97
86) Benzo(k)fluoranthene	22.86	252	333721m	5.15	ng/ul	
88) Benzo(a)pyrene	23.39	252	758637	12.26	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.71	276	614336	10.00	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.72	278	163889	3.13	ng/ul#	89
91) Benzo(g,h,i)perylene	26.40	276	541050	11.17	ng/ul#	96

SJ 12/18/17

SJ 12/18/17

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