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

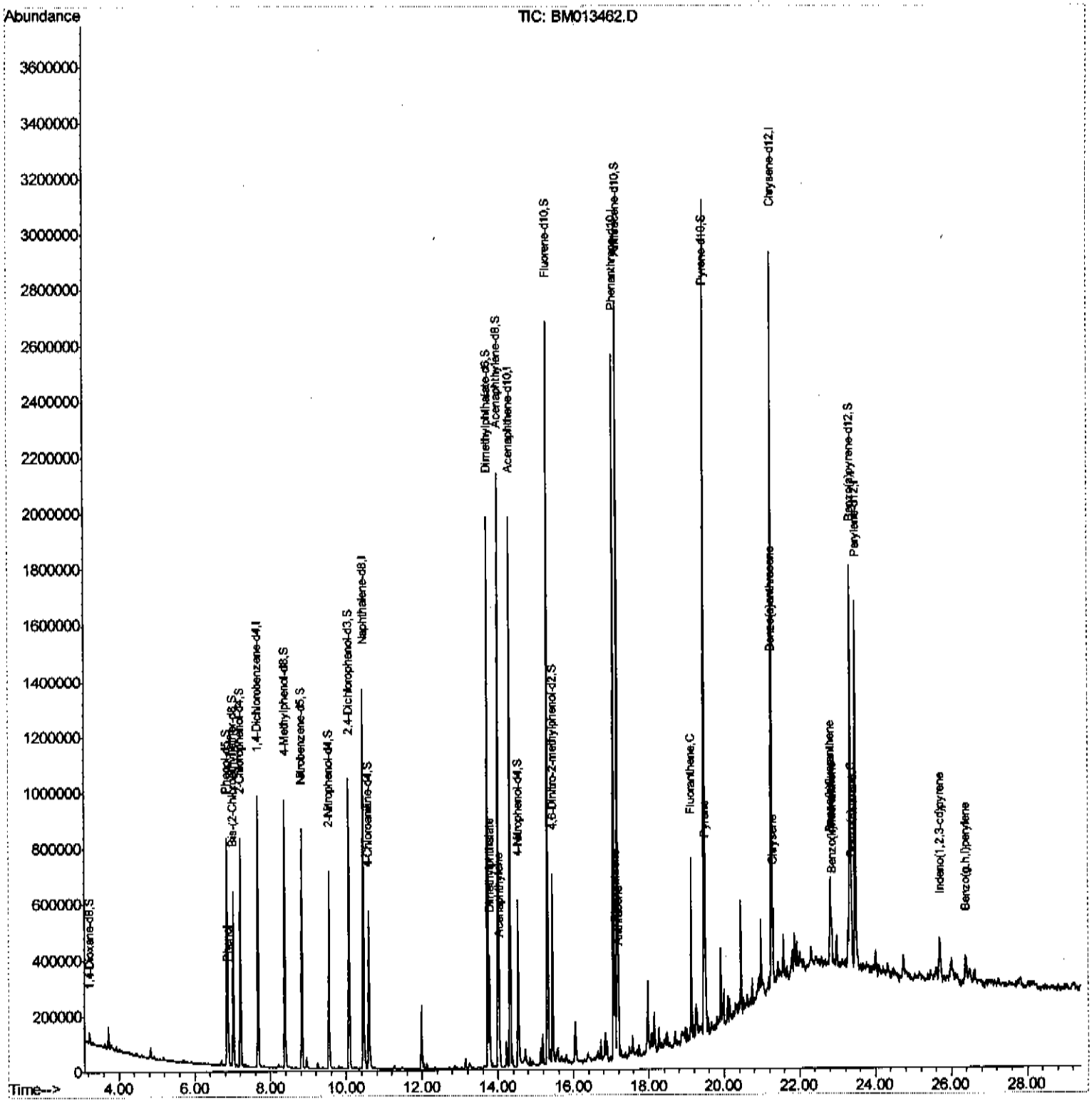
Quantitation Report (QT Reviewed)

Data File : BM013462.D
Acq On : 16 Dec 2017 05:15
Operator : SJ/JU
Sample : I6775-20
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 16 05:51:17 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 05:45:34 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F9A65

Manual Integrations APPROVED
Sohil
12/18/2017 2:09:46 PM



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

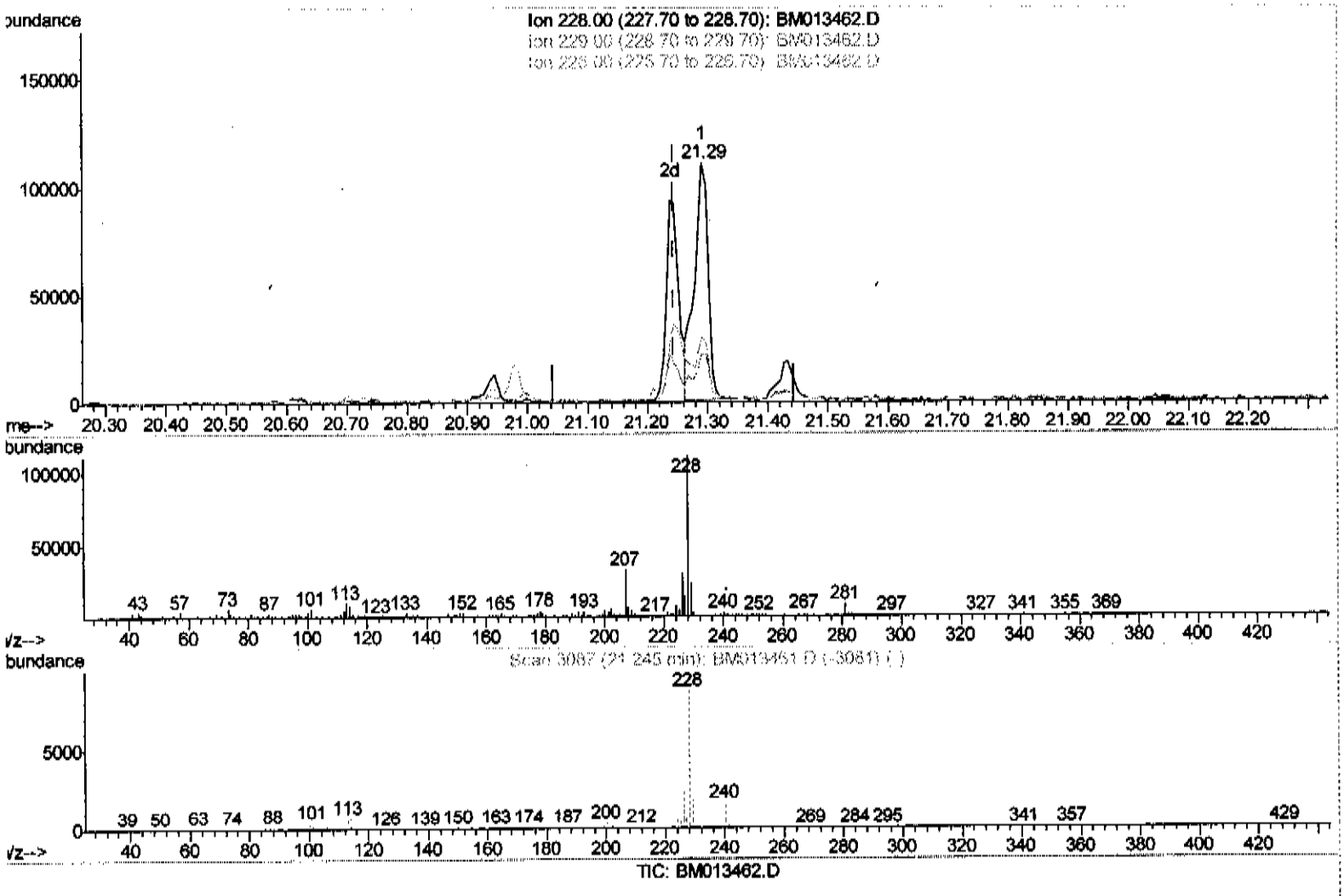
Quantitation Report (Qedit)

Data File : BM013462.D
Acq On : 16 Dec 2017 05:15
Operator : SJ/JU
Sample : I6775-20
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 16 05:46:02 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 05:45:34 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F9A65

Manual Integrations APPROVED
Sohil
12/18/2017 2:09:46 PM



TIC: BM013462.D

(80) Benzo(a)anthracene

21.292min (+0.047) 2.37ng/ul

response 173158

Ion	Exp%	Act%
228.00	100	100
229.00	19.20	20.59
226.00	26.70	27.88
0.00	0.00	0.00

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

Quantitation Report (Qedit)

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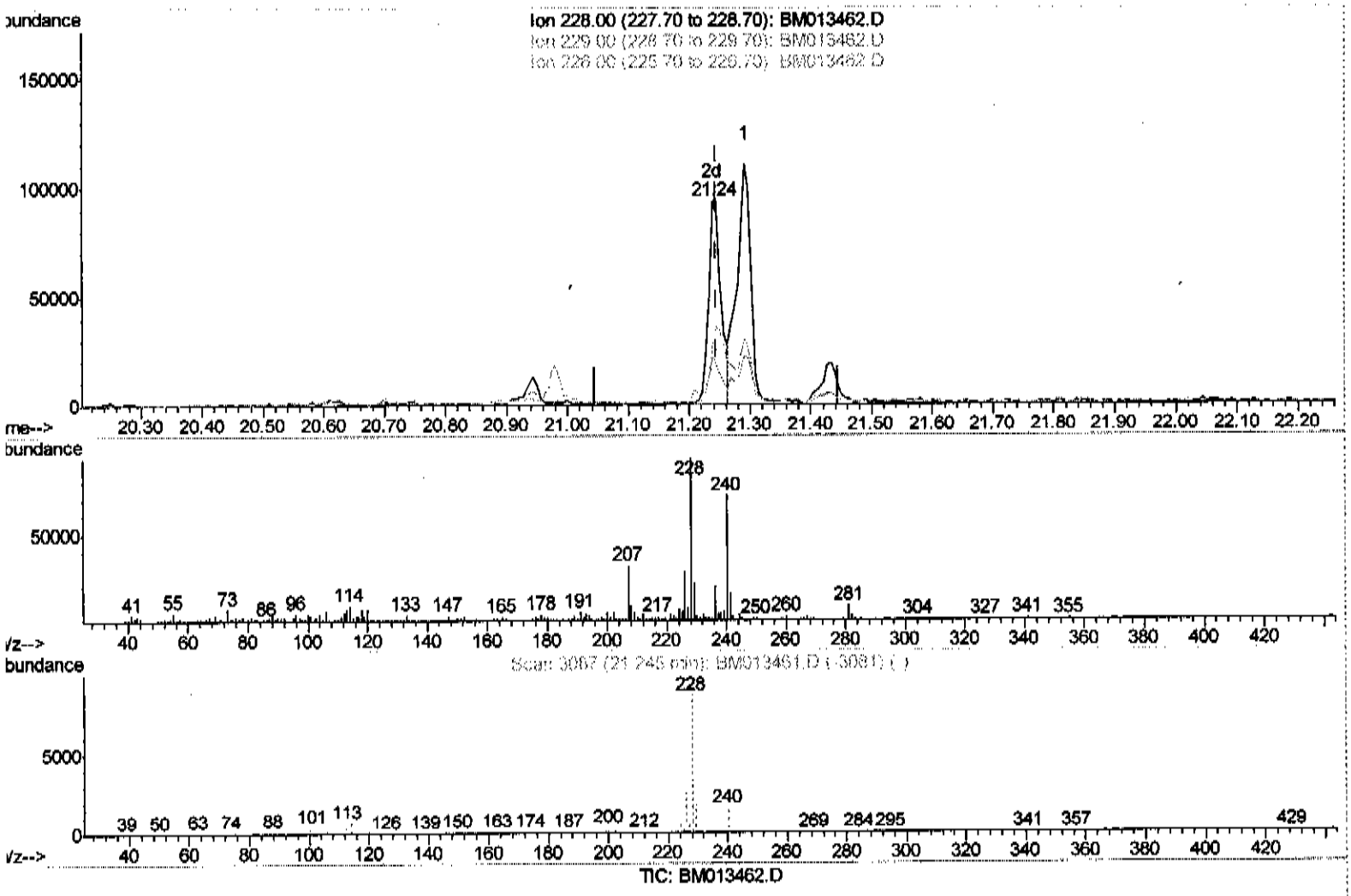
Manual Integrations APPROVED
Sohil
12/18/2017 2:09:46 PM



(80) Benzo(a)anthracene

21.239min (-0.006) 1.89ng/ul m SJ 12/18/17

response 137637

Ion	Exp%	Act%
228.00	100	100
229.00	19.20	23.59#
226.00	26.70	30.35
0.00	0.00	0.00

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

Quantitation Report (Qedit)

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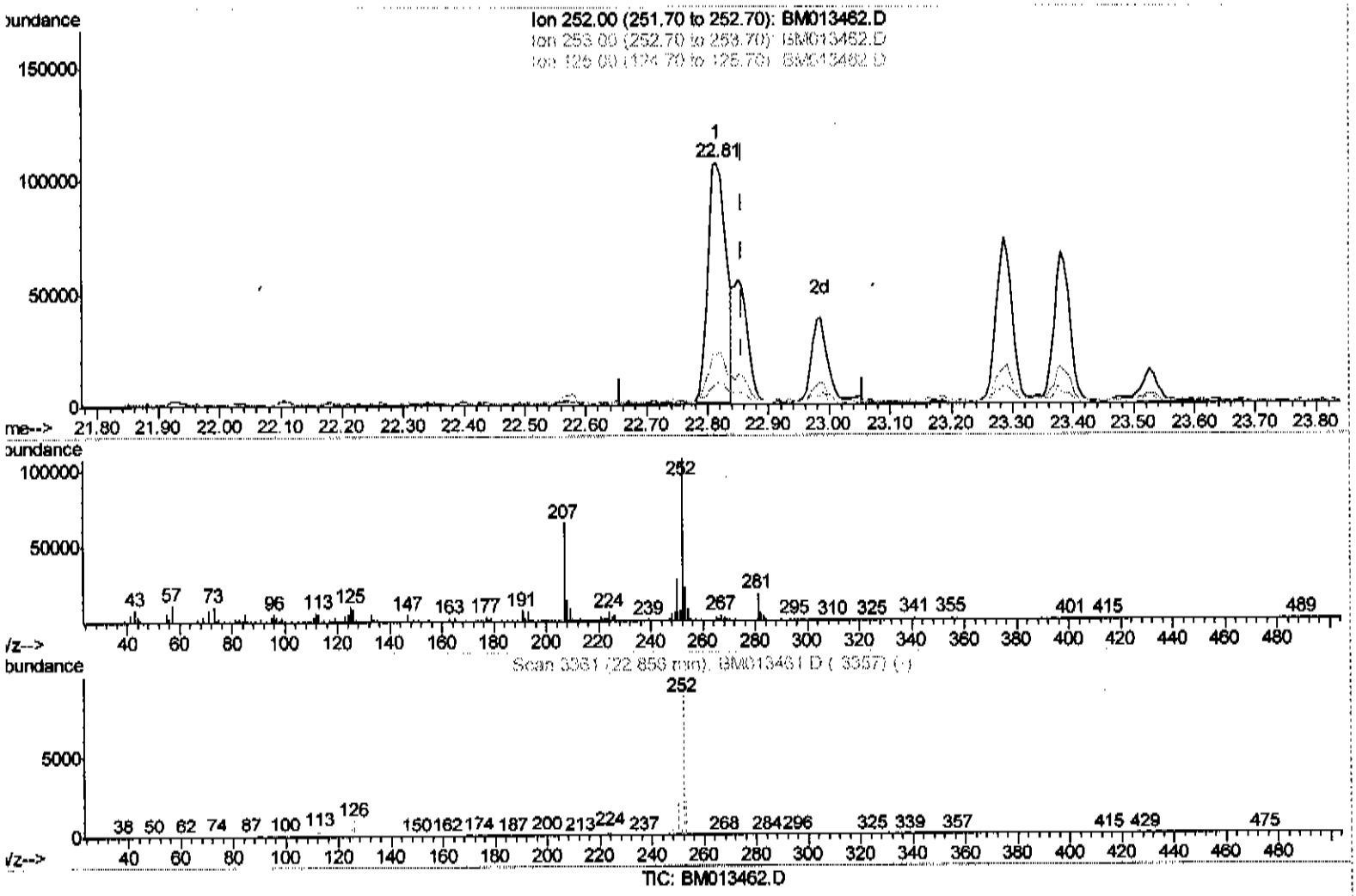
Operator : SJ/JU
Sample : I6775-20
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 16 05:46:02 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 05:45:34 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F9A65

Manual Integrations APPROVED
Sohil
12/18/2017 2:09:46 PM



(86) Benzo(k)fluoranthene

22.815min (-0.041) 3.73ng/ul

response 226457

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	20.96
125.00	4.30	9.68#
0.00	0.00	0.00

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

Quantitation Report (Qedit)

Data File : BM013462.D
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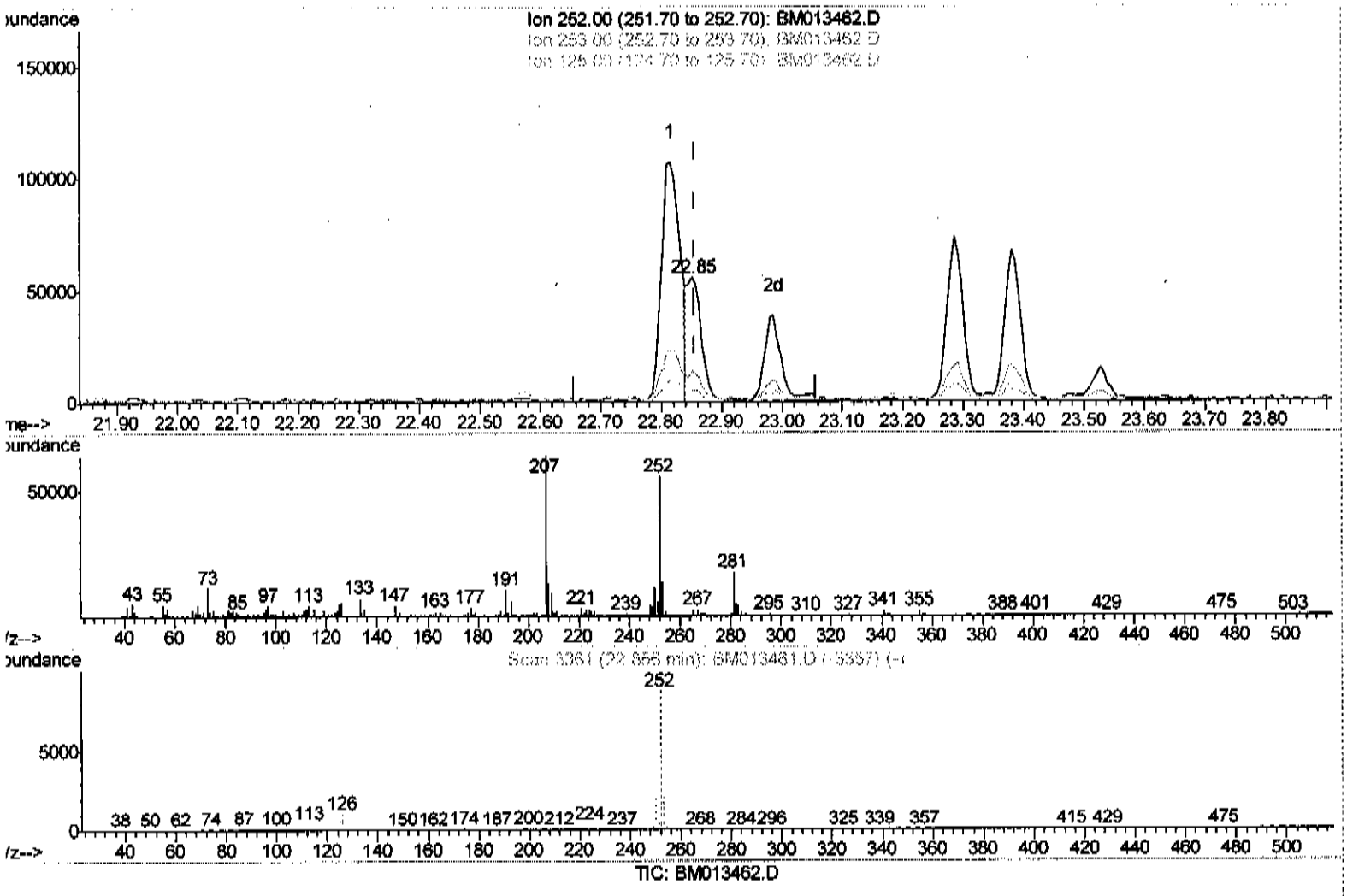
Operator : SJ/JU
Sample : I6775-20
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 16 05:46:02 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 05:45:34 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F9A65

Manual Integrations APPROVED
Sohil
12/18/2017 2:09:46 PM



(86) Benzo(k)fluoranthene

22.850min (-0.006) 1.50ng/ul m SJ 12/18/17

response 90904

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	25.08
125.00	4.30	9.10#
0.00	0.00	0.00

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

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Instrument : BNA_M
ClientSampleId : F9A65

Manual Integrations APPROVED
Sohil
12/18/2017 2:09:46 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	243251	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1067544	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	632785	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1403838	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1150416	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	957894	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	18288	3.72	ng/uL	0.00
5) Phenol-d5	6.85	99	418823	19.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	249024	20.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	339814	20.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	323307	17.98	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	184380	21.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	201677	22.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	363032	19.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	297931	17.36	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	1201808	21.34	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	1472398	21.19	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	137785	14.08	ng/ul	0.00
57) Fluorene-d10	15.32	176	1019879	21.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	141255	15.99	ng/ul	0.00
70) Anthracene-d10	17.16	188	1483994	21.11	ng/ul	0.00
76) Pyrene-d10	19.46	212	1471501	25.67	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	971841	19.92	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.88	94	70660	3.40	ng/ul#	83
44) Dimethylphthalate	13.78	163	225060	4.18	ng/ul	99
47) Acenaphthylene	14.03	152	91829	1.43	ng/ul	96
69) Phenanthrene	17.11	178	198962	2.49	ng/ul	98
71) Anthracene	17.20	178	137964	1.69	ng/ul	97
74) Fluoranthene	19.13	202	354470	3.63	ng/ul#	95
77) Pyrene	19.49	202	292229	4.18	ng/ul#	94
80) Benzo(a)anthracene	21.24	228	137637m	1.89	ng/ul	-
82) Chrysene	21.29	228	173158	2.56	ng/ul	97
85) Benzo(b)fluoranthene	22.81	252	226457	3.51	ng/ul#	95
86) Benzo(k)fluoranthene	22.85	252	90904m	1.50	ng/ul	-
88) Benzo(a)pyrene	23.38	252	119719	2.06	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.70	276	141259	2.45	ng/ul#	92
91) Benzo(g,h,i)perylene	26.38	276	118196	2.60	ng/ul#	83

SJ 12/18/17

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