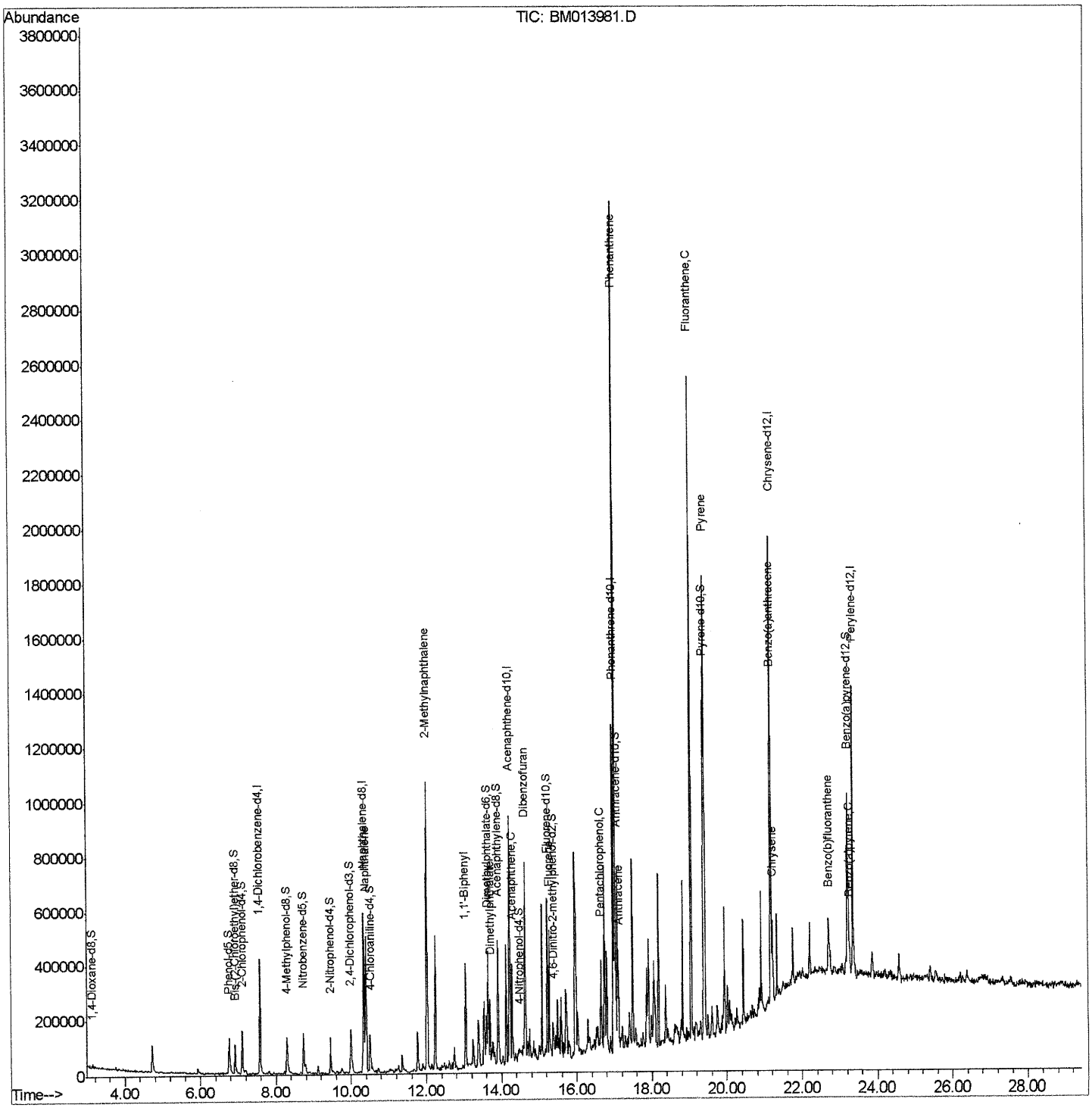
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013981.D
Acq On : 30 Jan 2018 05:05
Operator : SJ/JU
Sample : J1233-14DL 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 30 07:58:57 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 30 07:49:34 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F6B18DL

Manual Integrations APPROVED
Sohil
1/30/2018 3:34:34 PM



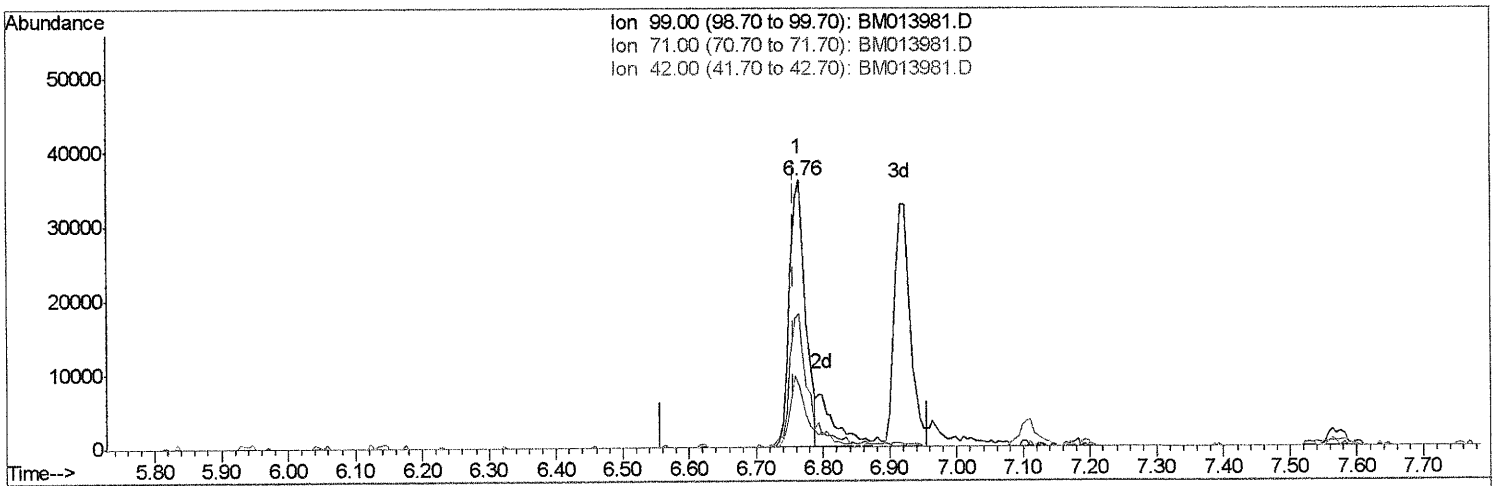
Quantitation Report (Qedit)

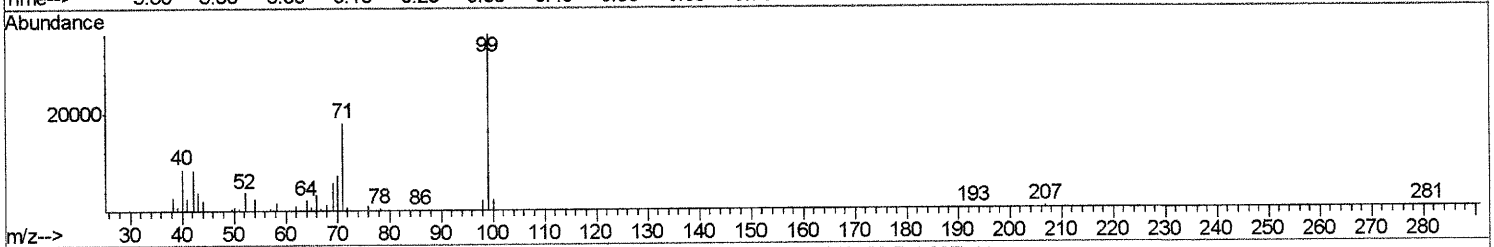
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013981.D
Acq On : 30 Jan 2018 05:05
Operator : SJ/JU
Sample : J1233-14DL 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

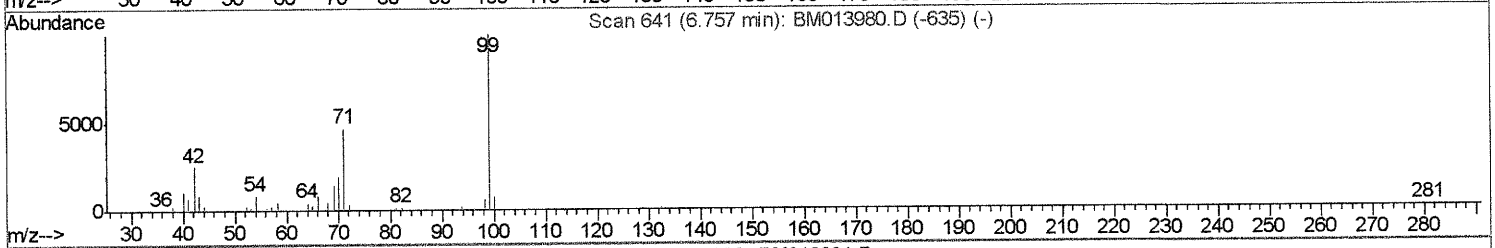
Quant Time: Jan 30 07:51:37 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 30 07:49:34 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F6B18DL

Manual Integrations APPROVED
Sohil
1/30/2018 3:34:34 PM







TIC: BM013981.D

(5) Phenol-d5 (S)

6.763min (+0.006) 7.02ng/ul

response 60177

Ion	Exp%	Act%
99.00	100	100
71.00	55.00	49.94
42.00	24.20	23.24
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013981.D
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Quant Time: Jan 30 07:51:37 2018
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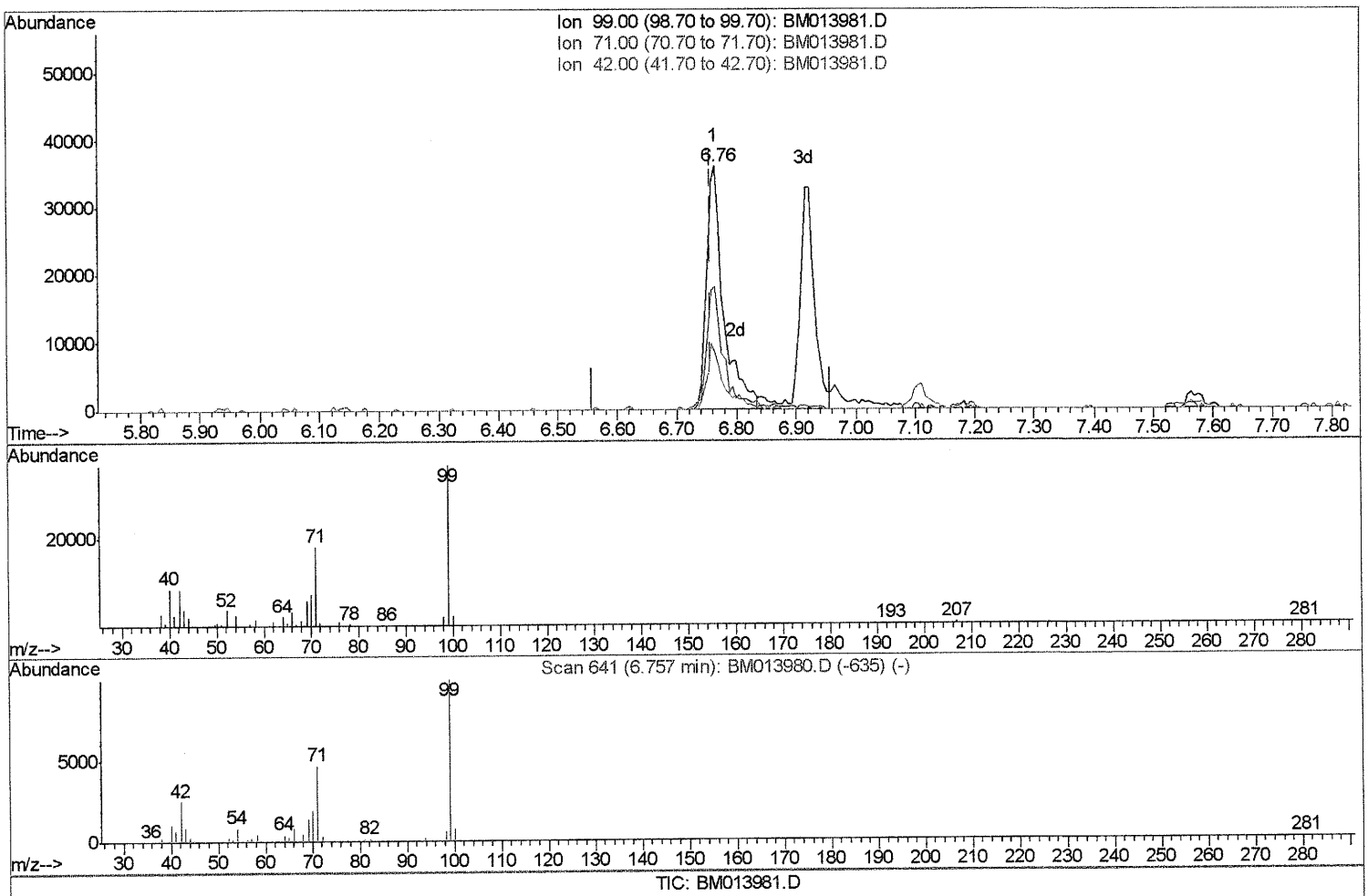
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 30 07:49:34 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F6B18DL

Manual Integrations APPROVED
Sohil
1/30/2018 3:34:34 PM



TIC: BM013981.D

(5) Phenol-d5 (S)

6.763min (+0.006) 8.34ng/ul m > SJ 2/8/18

response 71518

Ion	Exp%	Act%
99.00	100	100
71.00	55.00	49.94
42.00	24.20	23.24
0.00	0.00	0.00

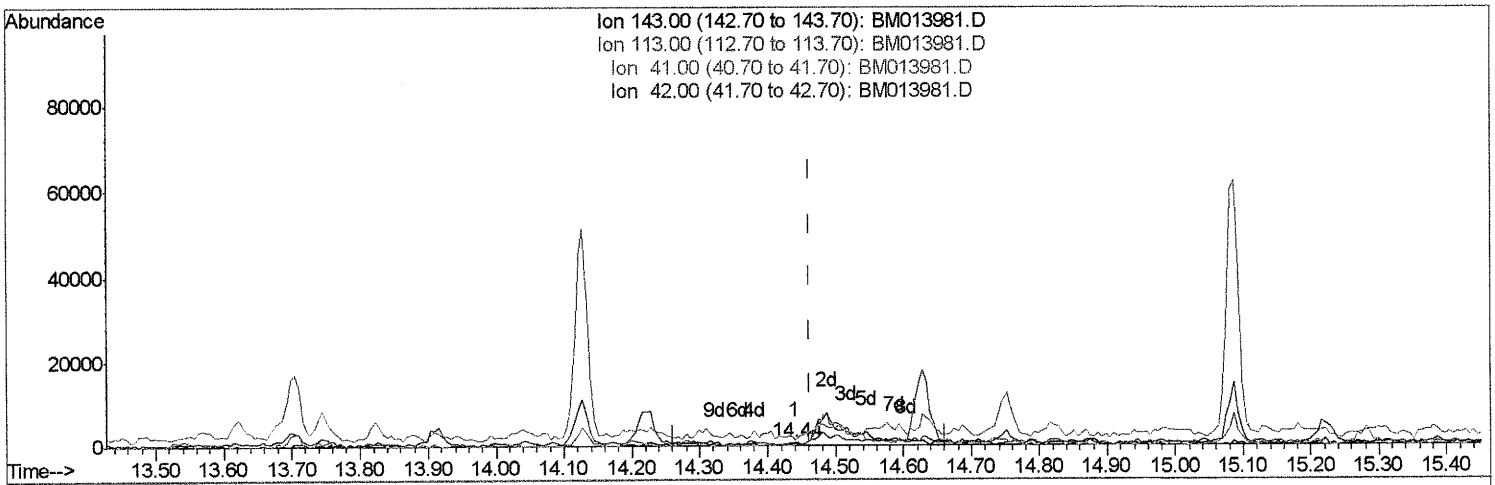
Quantitation Report (Qedit)

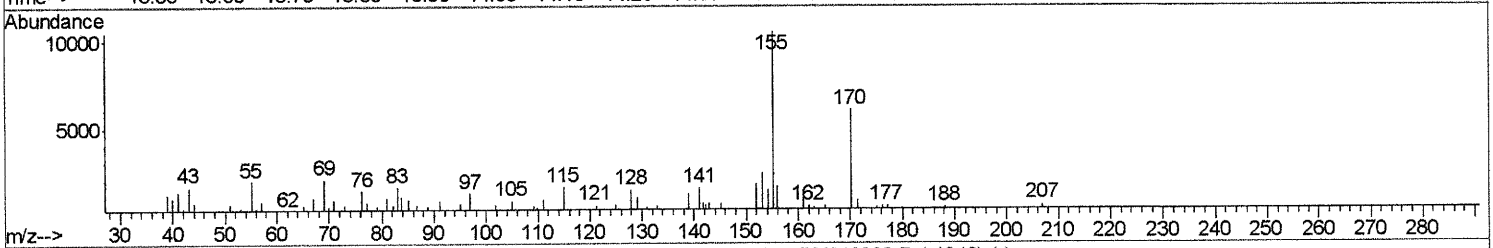
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013981.D
Acq On : 30 Jan 2018 05:05
Operator : SJ/JU
Sample : J1233-14DL 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

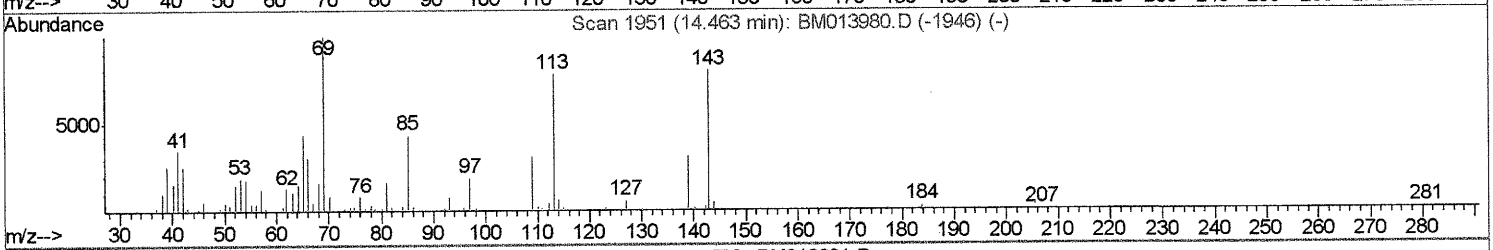
Quant Time: Jan 30 07:55:44 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 30 07:49:34 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F6B18DL

Manual Integrations APPROVED
Sohil
1/30/2018 3:34:34 PM







TIC: BM013981.D

(51) 4-Nitrophenol-d4 (S)

14.439min (-0.023) 0.18ng/ul

response 666

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	0.00#
41.00	34.80	215.71#
42.00	20.50	68.58#

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013981.D
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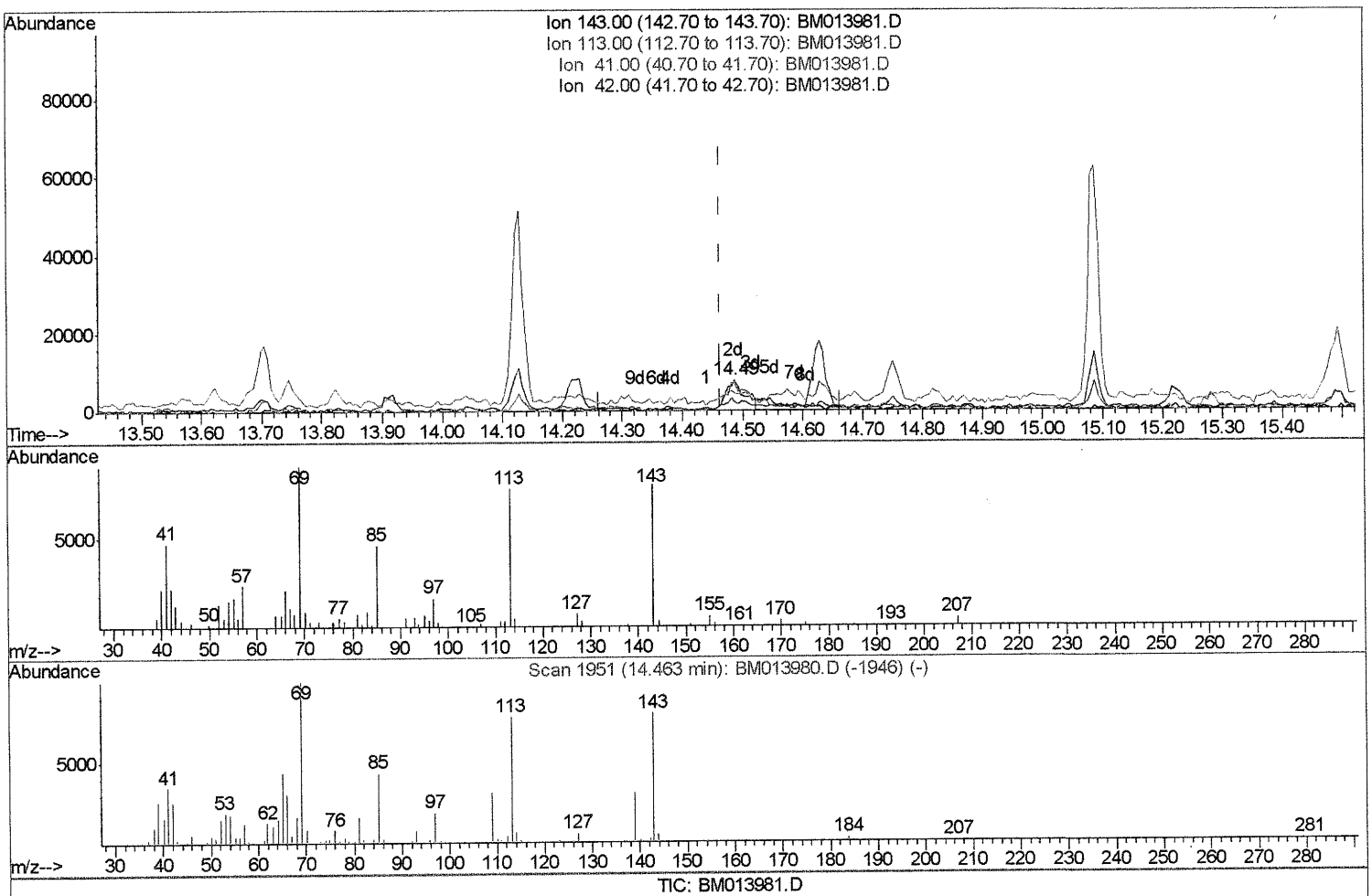
Sample : J1233-14DL 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 30 07:55:44 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 30 07:49:34 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F6B18DL

Manual Integrations APPROVED
Sohil
1/30/2018 3:34:34 PM



TIC: BM013981.D

(51) 4-Nitrophenol-d4 (S)

14.486min (+0.024) 4.92ng/ul m SJ 2/8/18

response 17822

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	97.29
41.00	34.80	60.58#
42.00	20.50	29.75#

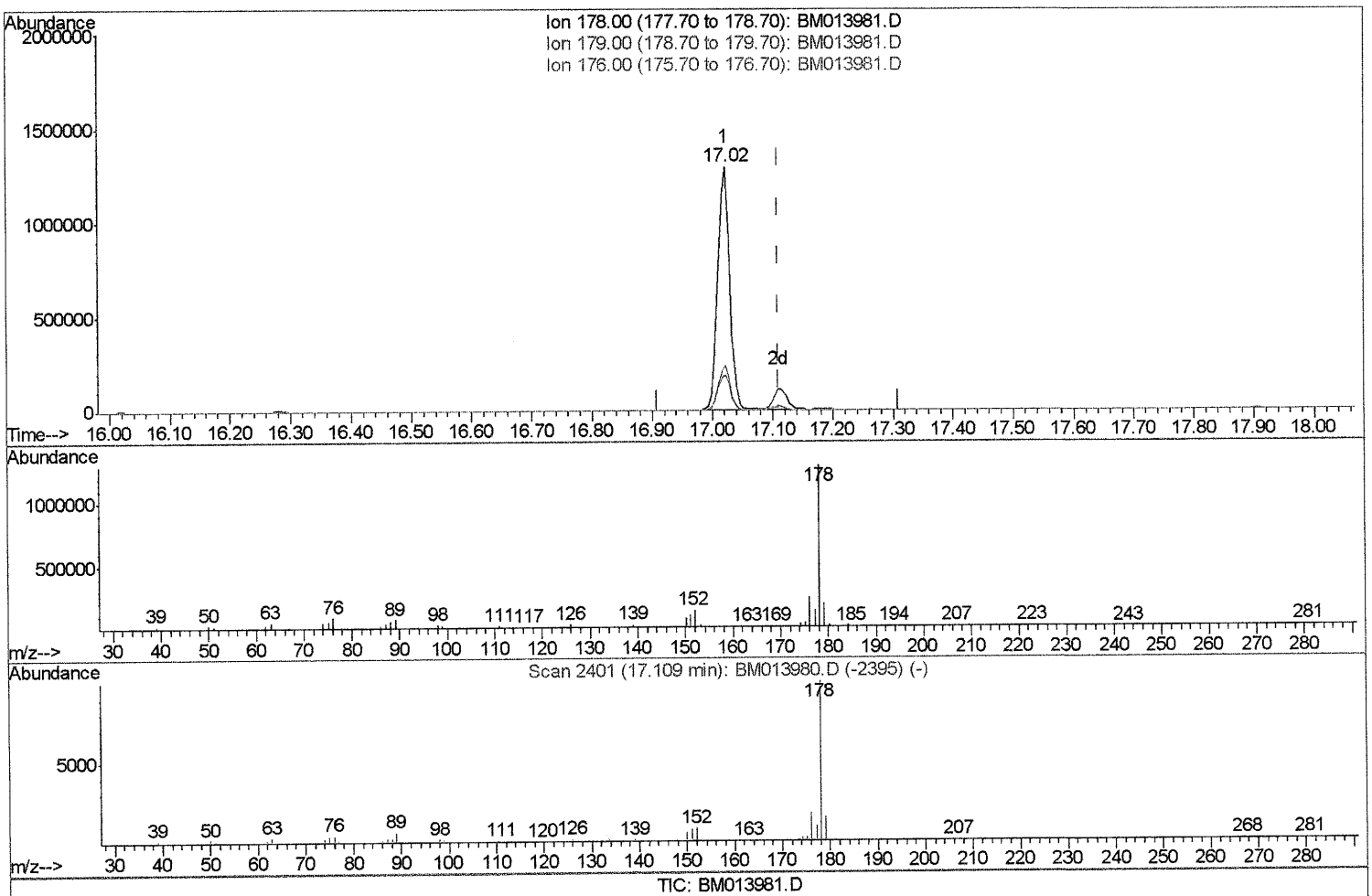
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013981.D
Acq On : 30 Jan 2018 05:05
Operator : SJ/JU
Sample : J1233-14DL 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 30 07:56:48 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 30 07:49:34 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F6B18DL

Manual Integrations APPROVED
Sohil
1/30/2018 3:34:34 PM



TIC: BM013981.D

(71) Anthracene

17.021min (-0.088) 47.38ng/ul

response 1774467

Ion	Exp%	Act%
178.00	100	100
179.00	14.60	14.34
176.00	18.20	18.83
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013981.D
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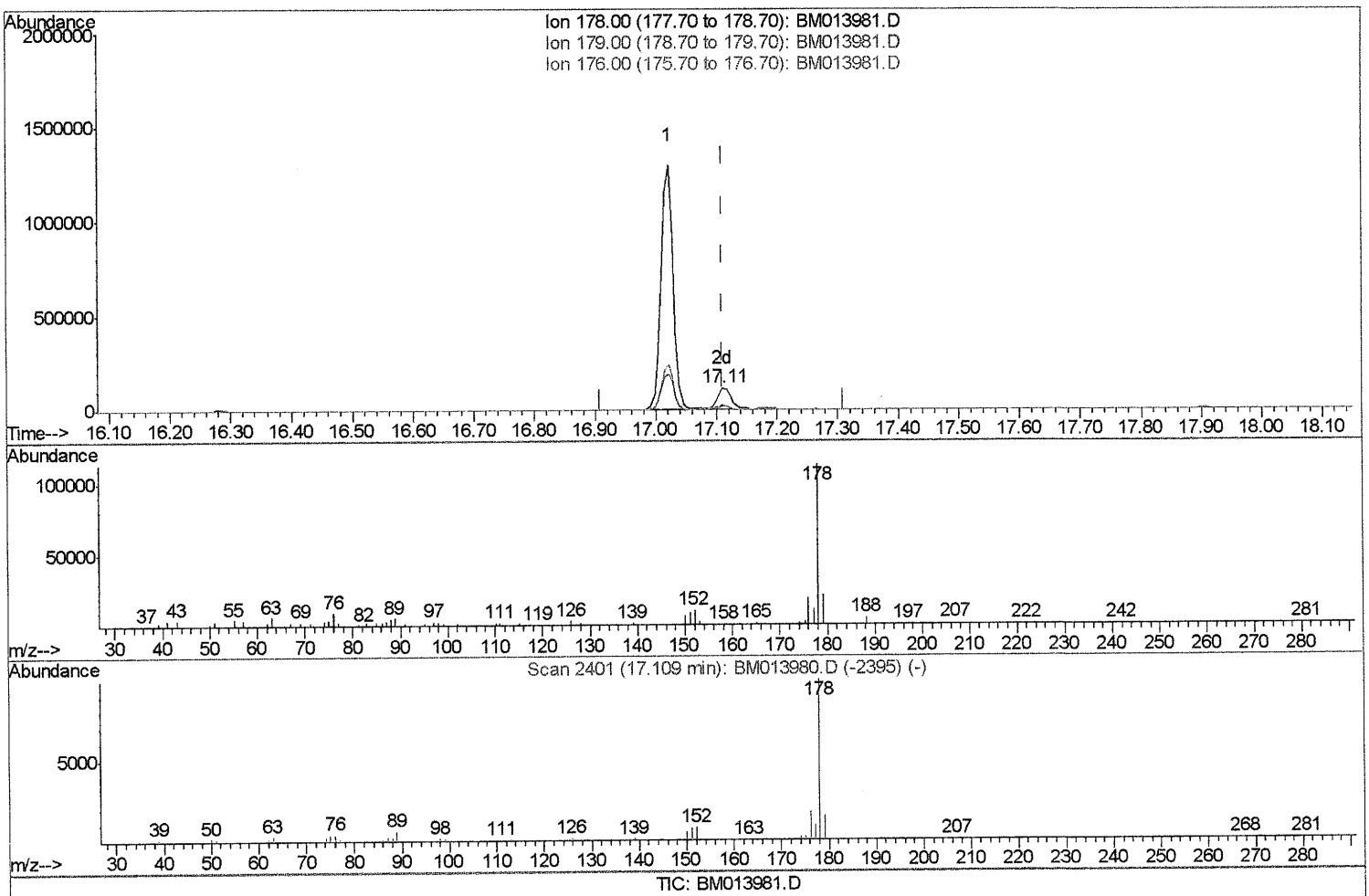
Operator : SJ/JU
Sample : J1233-14DL 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 30 07:56:48 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 30 07:49:34 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F6B18DL

Manual Integrations APPROVED
Sohil
1/30/2018 3:34:34 PM



TIC: BM013981.D

(71) Anthracene

17.109min (+0.000) 4.56ng/ul m) SJ 2/8/18

response 170777

Ion	Exp%	Act%
178.00	100	100
179.00	14.60	18.97#
176.00	18.20	16.70
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Instrument : BNA_M
ClientSampleId : F6B18DL

Manual Integrations APPROVED
Sohil
1/30/2018 3:34:34 PM

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013981.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
1) 1,4-Dichlorobenzene-d4	7.57	152	111667	20.00	ng/ul	0.00	
18) Naphthalene-d8	10.34	136	427681	20.00	ng/ul	0.00	
35) Acenaphthene-d10	14.22	164	270250	20.00	ng/ul	0.00	
61) Phenanthrene-d10	16.97	188	653274	20.00	ng/ul	0.00	
75) Chrysene-d12	21.18	240	784168	20.00	ng/ul	0.00	
83) Perylene-d12	23.36	264	768711	20.00	ng/ul	0.00	
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.13	96	4418	1.56	ng/uL	0.00	
5) Phenol-d5	6.76	99	71518m	8.34	ng/ul	0.00	SJ 2/8/18
7) Bis-(2-Chloroethyl)ether-d	6.92	67	47418	9.13	ng/ul	0.00	
9) 2-Chlorophenol-d4	7.10	132	62286	8.92	ng/ul	0.00	
13) 4-Methylphenol-d8	8.29	113	54670	8.30	ng/ul	0.00	
19) Nitrobenzene-d5	8.73	128	33105	9.98	ng/ul	0.00	
22) 2-Nitrophenol-d4	9.45	143	35588	10.15	ng/ul	0.00	
26) 2,4-Dichlorophenol-d3	9.99	165	56244	8.30	ng/ul	0.01	
29) 4-Chloroaniline-d4	10.50	131	64494	10.97	ng/ul	0.00	
43) Dimethylphthalate-d6	13.64	166	239638	10.76	ng/ul	0.00	
46) Acenaphthylene-d8	13.91	160	293160	10.32	ng/ul	0.00	
51) 4-Nitrophenol-d4	14.49	143	17822m	4.92	ng/ul	0.02	
57) Fluorene-d10	15.22	176	211886	10.82	ng/ul	0.00	SJ 2/8/18
62) 4,6-Dinitro-2-methylphenol	15.37	200	27455	6.98	ng/ul	0.00	
70) Anthracene-d10	17.07	188	340621	10.70	ng/ul	0.00	
76) Pyrene-d10	19.38	212	417397	11.43	ng/ul	0.00	
87) Benzo(a)pyrene-d12	23.23	264	410956	11.63	ng/ul	0.00	
Target Compounds						Qvalue	
28) Naphthalene	10.39	128	369946	17.387	ng/ul	98	
34) 2-Methylnaphthalene	12.02	142	473305	29.836	ng/ul	98	
40) 1,1'-Biphenyl	13.04	154	78525	3.491	ng/ul	97	
44) Dimethylphthalate	13.69	163	70561	3.222	ng/ul	98	
49) Acenaphthene	14.29	153	124303	6.906	ng/ul	91	
53) Dibenzofuran	14.63	168	384361	14.195	ng/ul	97	
58) Fluorene	15.28	166	192491	8.679	ng/ul	98	
68) Pentachlorophenol	16.63	266	33873	7.675	ng/ul	90	
69) Phenanthrene	17.02	178	1774467	48.866	ng/ul	98	
71) Anthracene	17.11	178	170777m	4.560	ng/ul		SJ 2/8/18
74) Fluoranthene	19.04	202	1370153	31.610	ng/ul#	95	
77) Pyrene	19.41	202	875591	18.367	ng/ul#	96	
80) Benzo(a)anthracene	21.16	228	212905	4.493	ng/ul	99	
82) Chrysene	21.22	228	161463	3.714	ng/ul	94	
85) Benzo(b)fluoranthene	22.72	252	112265	2.378	ng/ul#	95	
88) Benzo(a)pyrene	23.27	252	59735	1.339	ng/ul#	99	

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